

About The Programme

The five days' faculty development programme on "Data Analysis using SPSS and AMOS" is designed to train and develop faculty and research scholars in the various area of research. The programme is likely to provide essential tools and techniques 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 enhance the knowledge of the researchers using quantitative methods.
- To create awareness of the basic concepts related to SPSS and AMOS softwares with hands on lab sessions.
- To provide hands on training of basic and advanced tools and techniques to perform Data Analysis using SPSS and SEM using AMOS.

Uniqueness of the Programme

- 1.To provide exposure to the participants on the importance of Data Analysis and Structural Equation Modelling for research.
- 2.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.
- 3.Hands on lab sessions.

Who can attend?

- Any Research Scholars and Faculty members can attend this programme.

About The University

Karnataka State Open University (KSOU), Mysuru, is a State Public University established by the act of State Legislature in 1992, and was brought into force on 1st June 1996. Ever since its establishment, KSOU has been pro-actively engaged in fulfilling the national objectives of higher education i.e., to achieve ACCESS, EQUITY, QUALITY, AFFORDABILITY and ACCOUNTABILITY. A Pioneer and Premier Centre of Higher Education under Open and Distance Learning (ODL) system has been awarded A+ Grade by NAAC in its very first cycle. The motto of KSOU - "HIGHER EDUCATION FOR EVERYONE, EVERYWHERE", promises to reach out to those unreached - to all those higher education aspirants. The Open University was established in pursuance of National Policy on Education, NPE-1986 on the recommendation of Central Education Advisory Board MHRD, Government of India. Since its establishment, nearly 20 Lakh students have been graduated from across the country and in all disciplines. The main campus, 'Muktha Gangothri', located in Mysuru - a cultural and educational capital of Karnataka, an erstwhile Princely State of Mysuru. The university has state-of-the-art infrastructure with elegant academic and administrative buildings. There are 23 regional centres (Nine centres with its own buildings) across the State, in addition to more than 139 Learner Support Centres (LSCs) recognised as per UGC-ODL regulations catering to the educational needs of the State. KSOU offers academic programmes in Arts, Science, Commerce, Management and Education. There are 31 departments offering various UG, PG and Doctoral programmes in addition to a number of Diploma and certificate courses of professional and skill-oriented nature with interface with industry and society. The university has established 24 Research and Extension Centres and Chairs to promote linkage with industry and society.

About the Department

The Department of Studies and Research in Commerce was established in the late 1980's under the aegis of the erstwhile ICC & CE, a premier institute of Correspondence Education of University of Mysore. The institute with its infrastructure including human resources was transformed into an independent KSOU in 1996. The faculties in the department are highly qualified with Ph.D. and experienced in various areas of commerce, management and research. The commerce education is one of the most demanded degree in the country today as it develops the required knowledge, skills, and attitudes among the students for the successful handling of trade, commerce and industry. The Department of Studies and Research in Commerce works with an aim of fostering in the students an attitude of objective inquiry. The Department equips students with the latest developments in the field of business and commerce and trains them in the practical application of the same in modern organizations. It seeks to enable them to handle the challenges of growth and transformation of businesses through critical thinking, rational attitude and quality decision making. It is dedicated to developing the students into responsible citizens of the country with high moral values, understanding the problems of human relationships and developing a capacity to appreciate the finer values of life.



KARNATAKA STATE OPEN UNIVERSITY
Mukthagangothri, Mysuru - 570006

JULY 2023

25 to 29

**Five Days National Level
Faculty Development Programme**

**DATA ANALYSIS USING
SPSS AND AMOS**

(Hands on session)

Organised By

**Department of
Studies and Research in Commerce**

Registration and Payment Details

- Registration Fee: For Faculties Rs.2000/- and for Research Scholars Rs.1500/-.
- Please Click on the below link for registration <https://forms.gle/4GG6DG8xZabhgWH9>
- Last date for registration: 24th July 2023 by 12.00 noon.
- OOD facility and participation certificates will be provided to the participants.
- There will be 'No spot registration'.
- Limited to 60 seats only.
- Accommodation will be provided in the university guesthouse at nominal fees.
- Breakfast and dinner cost shall be borne by the participants.



Payment Details

- Account Holder Name : Chairman, Dept. of Commerce, KSOU
- Account Number : 39866750788
- Name of the Bank : State Bank of India
- IFSC Code : SBIN0040166
- Branch : Mukthagangothri, Mysuru.

Organising Committee

CHIEF PATRON

Dr. Sharanappa V. Halse -- Hon'ble Vice Chancellor

PATRONS

Dr. K.L.N. Murthy -- Registrar
Dr. Lakshmi N. -- Dean (Academic)

CHIEF ADVISORS

Dr. Ramanatham Naidu M. -- Dean (Study Centre)
Dr. Niranjana Raj S. -- Director, CIQA
Dr. C. Mahadev Murthy -- School Director (Management)
Dr. Ramananda M. S. -- School Director (Commerce)
Dr. Mahesha V. -- BOS(PG) Chairperson, Commerce

PROGRAMME DIRECTOR

Dr. Usha C.
Chairperson,
DOS & R in Commerce, KSOU, Mysuru.

CONVENORS

PROGRAMME CO-ORDINATORS

| Commerce | Management | Social Science |
|------------------------|---------------------------|-------------------------------|
| Dr. Sukanya R. | Dr. Chinnaiah P.M. | Dr. Anand Gowda N. |
| Dr. Chaya R. | Dr. Rajeshwari H. | Dr. Shashi Kumar T. P. |
| Dr. Naveen G.V. | Dr. Savitha P. | Dr. Hemalatha R. |
| | Shri. Siraj Basha | Dr. Ramesha V. M. |
| | Dr. Shamanth N. | Dr. Harish N. |
| | Dr. Harsha M. B. | Dr. Sharanamma R. |

Resource Persons



Dr. R. Kasilingam
Professor,
Department of Management Studies,
School of Management,
Pondicherry University,
Pondicherry, India.



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

Programme Schedule:

| Day | Timings | Topic | Resource Person |
|-----------|----------------------|---|---------------------|
| 25th July | 10.00 AM to 11.00 AM | Inauguration | |
| | 11.00AM to 5.30 PM | <ul style="list-style-type: none"> • Introduction to Data Analysis • Basics of Statistics • Basics of Hypothesis & Testing of Hypothesis • Types of Data • Data Entry and Data Importing into SPSS • Data Transformation • Data Cleaning • Test of Reliability • Test of Normality | Dr. V. Rajesh Kumar |
| 26th July | 10.30AM to 5.30PM | <ul style="list-style-type: none"> • One-sample t test • Independent sample t-test • Paired t-test • One-way ANOVA • Chi-square Test of Goodness of Fit • Chi-square Test of Independence • Kruskal Wallis Test • Mann-whitney u Test • Wilcoxon Sign Test | Dr. V. Rajesh Kumar |
| 27th July | 10.30AM to 5.30PM | <ul style="list-style-type: none"> • Cluster Analysis • Discriminant Analysis • Factor Analysis • Correspondence Analysis | Dr. R. Kasilingam |
| 28th July | 10.30AM to 5.30PM | <ul style="list-style-type: none"> • Multivariate Analysis • Multi-dimensional Scaling • Logistic Regression • Structural Equation Modelling using AMOS | Dr. R. Kasilingam |
| 29th July | 10.30AM to 4.30PM | <ul style="list-style-type: none"> • Structural Equation Modelling (continued) • Analytical Hierarchy Process • Data Envelopment Analysis | Dr. R. Kasilingam |
| | 4.30PM to 5.30PM | Valedictory and Certificate Distribution | |

For more details contact:

Dr. Usha C.
Chairperson, DOS & R in Commerce
9164012273

Dr. Chinnaiah P.M.
Assistant Professor, DOS & R in Management
9606695964

Dr. Mahesha V.
Asst. Prof, DOS & R in Commerce
9844667411

Dr. Shashikumar T. P.
Assistant Professor, DOS & R in Economics
9538236370

Dr. Sukanya R.
Asst. Prof, DOS & R in Commerce
9945018092

Mr. Ravi Kumar S.
9741410573

Dr. Chaya R.
Asst. Prof, DOS & R in Commerce
9916081980

Mrs. Pooja R.
7676427771

Dr. Naveen G.V.
Asst. Prof, DOS & R in Commerce
9945898244

Mr. Adarsh
9901233510