Target Audience

➢ In-service executives and professionals who wish to enhance their effective decision making ability.

➢ Postgraduate students who intend to improve their knowledge on statistics and data analysis techniques.

➢ Employees of government and private research institutes who seek to develop their career.

➢ University and other academic staff members who wish to enhance their knowledge and skills in quantitative data analysis.

➢ Employees work in research divisions of organizations such as financial institutes, stock broking firms, insurance companies etc.to provide participants.

Lectures on

Weekends – Saturday9:00 a.m. to 4:00 p.m.
(Commencing on November 2017)

Venue

Information Technology Resource Centre (ITRC)
Faculty of Management Studies & Commerce
University of Sri Jayewardenepura

Programme Structure

The course shall provide:

❖ 24 hours (5 weeks) of lectures and computer practical sessions in CBDA Level 1

❖ 15 hours (3 weeks) of lectures and computer practical sessions in CBDA Level 2

❖ Reading material and aids

❖ Complementary advisory and troubleshooting support services through electronic media.

Programme Fees

For option 1 (CBDA Level 1 and Level 2)
- Course fee of Rs. 35,000/-
- Application Processing Fee of Rs. 1000/-
- Registration fee of Rs. 1000/-

For option 2 (CBDA Level 1 only)
- Course fee of Rs. 30,000/-
- Application Processing Fee of Rs.1000/-
- Registration fee of Rs. 1000/-

For option 3 (CBDA Level 2 only)
- Course fee of Rs. 10,000/-
- Application Processing Fee of Rs. 1000/-
- Registration fee of Rs. 1000/-

Applications &Inquiries

Coordinator,
Computer Based Data Analysis Training Programme,
Department of Decision Sciences,
University of Sri Jayewardenepura,
Gangodawila, Nugegoda.

Tel: 076 470 3955

Email: cbda@sjp.ac.lk

Applications Closing Date: 19th January 2018

Applications can be downloaded from:

www.sjp.ac.lk

A Training Programme on

Computer Based Data Analysis

Call for Applications
CBDA –2017 : 2nd Intake

Conducted by

Department of Decision Sciences

Faculty of Management Studies & Commerce
University of Sri Jayewardenepura

A Training Programme on

Computer Based Data Analysis (CBDA)

This programme provides participants with an introduction to the management and analysis of quantitative data using an appropriate software package. The programme explores the nature of quantitative data, the relationship between quantitative analysis and theory building, and some of the major topic areas of statistical analysis. Knowledge of these allows for a more thorough understanding of others' research, especially as reported in journals and government publications. In addition, these techniques are used in a number of research settings, non-profit organizations, for-profit research institutes, and local, state and national governmental agencies. Revised programme in 2017 introduces two levels.

Level-1: Level one does not require the candidates with prior use of statistical software applications. Level one is focused on general-purpose statistical data analysis.

Level-2: Level two focuses more advanced applications in multivariate analysis. Therefore, the level two of the programme expects the candidates either to complete level one of this programme or to participate with equal prior experience with use of statistical software applications.

Programme Objectives

- to provide participants with an extensive knowledge and necessary skills for carrying out statistical operations using commonly available cost effective software.

- to build awareness of research strategies, methodological and technological limitations of statistical techniques and applications.

- to represent research results in an appropriate manner and present the information in a user-friendly format.

Programme Content

CBDA Level 1: General-Purpose Statistical Analysis

- Introduction to Statistical Software
- Descriptive Analysis of Data
- Fundamentals Inferential Statistics
- Comparison of Means
- Testing Associations between Variables
- Modelling Relationships between Variables

CBDA Level 2: Multivariate Statistical Analysis

- Introduction to Multivariate Analysis
- Analysis of Multivariate Responses
- Structural Equation Modelling (SEM)
  - Covariance Based SEM (CB-SEM)
  - Variance Based SEM (VB-SEM) (Partial Least Square SEM)

Admission Options

Candidates can select one of the following three options for the admission to the programme.

Option 1: Admission to the full programme (CBDA Level 1and Level2)

Option 2: Admission to CBDA Level 1 only.

Option 3: Admission to CBDA Level 2 only.

Admission Eligibility

For option 1 or 2, a candidate should satisfy one of the following requirements.
- A bachelor's degree from a recognized university.
- Professional/Academic diploma/certificate accepted by the university senate with at least two years of working experience.

To apply only for option 3of this programme if he/she satisfies one of the following requirements.
- Successful completion of CBDA Level 1 (or the CBDA programme conducted during year 2011-2016).
- A bachelor's degree from a recognized university with a justification of the coverage of an equal content to CBDA Level 1.
- Professional/Academic diploma/certificate accepted by the university senate with at least two years of working experience with a justification of the coverage of an equal content to CBDA Level 1.