FACULTY DEVELOPMENT PROGRAMME

ON

DATA ANALYSIS THROUGH SPSS (ADVANCED)

DAY: MAY 23, 2015
TIME: 8:00 am – 4:00 pm
VENUE: FO 10 (4th FLOOR)

ORGANIZED BY

POSTGRADUATE STUDIES & RESEARCH DEPARTMENT
COLLEGE OF BANKING AND FINANCIAL STUDIES

PROGRAMME OVERVIEW

Today information is being collected and stored in data warehouses and is available to be mined for improved decision making. Some of this information can be analyzed and understood with sample statistics but much of it requires more complex, multivariate statistical techniques to convert this data into information to enhance knowledge. In this backdrop, this programme is intended to provide a complete insight about the usage of SPSS package from the data analysis point of view. The statistical capabilities of SPSS ranges from simple percentages to complex analysis of variance, multiple regression and general linear models as well as tabulated reports, charts and plots of distributions and trends. The workshop will provide practical exposure to the participants through hands on experience on data analysis techniques through SPSS.

PROGRAMME OBJECTIVES

- To perform complex Analysis of Variance, Multivariate Regression analysis, Reliability and interpretation
- To strengthen research skill

TO WHOM

- Academic Staff Members of CBFS

PROGRAMME BENEFITS

After attending the workshop you will be able to:

- Understand how SPSS works
- Perform complex analysis using SPSS
- Interpret the data output and present the results
- Helps to develop research papers

PREREQUISITES

- Regular attendance of Data Analysis through SPSS (Basic) Programme conducted in December 2014

PEDAGOGY

- Lecture and Hands on Exercises

RESOURCE PERSON

- Dr. Sujeet Kumar Sharma from SQU
- Ms. Sonal Devesh

PROGRAMME SCHEDULE

Date	Session	Time	Topic
23.05.2015		8:15 am - 8:30 am	**Registration**
	1	8:30 am–10:00 am	Introduction to Regression Analysis • Scatter Plot • Data Transformation • Predicting values of Dependent variables
	Tea Break		
	2	10:30 am -12.00 Noon	Multiple Regression Analysis • Data Transformation • Predicting values of Dependent variables • Polynomial Regression
	Lunch Break		
	3	1. 00 pm - 2.30 pm	Two Way ANOVA • Motivation • Assumptions of ANOVA
	Tea Break		
	4	3:00 pm - 4:00 pm	Reliability Analysis • Cronbach's Alpha • Test- Retest

CERTIFICATE OF PARTCIPATION

The College will issue a "Certificate of Participation" on conclusion of the program with a cut off percentage.

FOR FURTHER INFORMATION, PLEASE CONTACT:

Dr. Anand. S. **Director** **Postgraduate Studies & Research Department** **Email: anand@cbfs.edu.om** **Telephone Ext: 512**	**Ms. Sonal Devesh** **Researcher** **Postgraduate Studies & Research Department** **Email: sonal@cbfs.edu.om** **Telephone Ext: 330**

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