

Three Day Faculty Development Program

On Data Driven Decision Making in Management

Venue: 7th Floor, Department of Management Studies , DSCE

Date: 22-24th Sep 2016.

MBA-VTU has conducted three day **Faculty Development Programme on Data Driven Decision Making in Management** from 22nd to 24th Sep 2016.

9 Participants across 7 colleges have participated.

Rerource Persons: Dr. Deepak R , Associate Professor, DSCE-DOMS and Mrs. Roopa U , Assistant Professor, DSCE-DOMS

INTRODUCTION:

The registration process started sharp at 9.30am. 9 number of the participants got registered for the Faculty Development Programme. Participants have come from the 7 colleges from different parts of Karnataka. There are 4 number of faculties who are the Doctorates were the part of the Program.

OBJECTIVE OF THE FDP:

- To concentrate on developing in-depth understanding of business analytics techniques using Microsoft Excel and other addins.
- To train the trainers for Business Analytics.

COURSE CONTENT :

- Summarizing Data using summary measures and Interactive charts/Graphs
 - Basic Introduction to Excel Application, Workbook and Worksheets, Using Excel add-ins and installing add-ins, Using logical Functions: IF condition, Nested IF condition, OR function, AND function, Trace precedents, Data validation, What-if Analysis, Conditional Formatting, Describing Data using Graphs and Tables, Preparing Interactive Charts using OFFSET formula.
- Understanding Probability, Uncertainty and Decisions making
 - Probability and Probability distribution
 - Normal, Binomial, Poisson and Exponential distributions
 - Elements of decisions analysis and statistical inference (hypothesis testing)
- Regression, Forecasting and Time series
 - Scatterplots, correlations, regressions, multiple regression, validation of the fit. Multicollinearity, stepwise regression, outliers, forecasting methods, testing for randomness, violations of regression assumptions.
- Simulations models using specific purpose add-ins
- Micros and introduction to VBA

INAUGURATION:

Inauguration started at 10 AM in the presence of **Dr. C. P. S. Prakash**, Principal as a Guest of Honour, **Dr. A. Sreenivasan**, Director-PG Studies, DSCE will preside over the function, Dr. Ramakrishna, Vice-Principal, DSCE and **Dr. K G Hemalatha**, MBA-HOD, DSCE. Welcome speech has been proposed by Dr. K G Hemalatha and after that Ms. Shushmitha First Year MBA student has sing a convocation song and Prof. Brijesh has proposed a Vote of Thanks for the FDP Program.



Day 1: Summarizing Data using summary measures and Interactive charts/Graphs

- Basic Introduction to Excel Application, Workbook and Worksheets, Using Excel add-ins and installing add-ins, Using logical Functions: IF condition, Nested IF

condition, OR function, AND function, Trace precedents, Data validation, What-if Analysis, Conditional Formatting, Describing Data using Graphs and Tables, Preparing Interactive Charts using OFFSET formula.



Day 2: Regression, Forecasting and Time series

- Scatterplots, correlations, regressions, multiple regression, validation of the fit. Multicollinearity, stepwise regression, outliers, forecasting methods, testing for randomness, violations of regression assumptions.

Day 3: Understanding Probability, Uncertainty and Decisions making

- Probability and Probability distribution
- Normal, Binomial, Poisson and Exponential distributions
- Elements of decisions analysis and statistical inference (hypothesis testing)
- Simulations models using specific purpose add-ins
- Macros and introduction to VBA

Valedictory Function

Dr. A. Sreenivasan, Director-PG Studies, DSCE has been invited for the distribution of Certificates to all the participants and he blessed the participants for the better future. Vote of thanks has been proposed by Prof. Brijesh Singh and later National Anthem song has been sung by all those who were present.



Group Photo:

