MDP 25: Data Analysis with Business Modelling using Excel

Introduction

In today's scenario, managers are having large amount of information and data pool available with them. However, to make decisions relying upon these data sets is not simple. The program is aimed to help the participants to process and analyse data using MS-Excel for better decision making. Processing and learning various analytics skills on Excel will be the focus of the program with hands-on experience with real life data cases. The participants will be imparted the skills to make use of basic statistical tests for decision making.

Objectives

- To learn processing data in Excel
- To learn high performance techniques in Excel

Contents

- Basics of Excel
- Understanding Data
- Calculations and Comparisons
- Statistical Analysis Tools
- Charting Data
- Logic in Decision Making
- Data Analysis using IF Functions
- Lookups to Calculate and Evaluate Data
- Nesting Lookups and Reference Functions
- Organizing Data with PivotTable Reports

Pedagogy

Mix of lectures, PPTs, hands-on exercises and case studies

Target Participant Profile

- Senior & Middle Level Executives
- Team Leads
- Entrepreneurs

Duration: 3 Days

Program Director

Dr. Shalini Vermani

Dr. Shalini Vermani is Associate Professor in the area of Operations Management and Information Technology. Dr. Vermani has done her Ph.D. in Information Security & Cryptography and has more than 17 years of teaching experience. She has conducted MDP on Project Management for executives of Walter Bushnell, Martin & Harris Pvt. Ltd. and Apeejay Education Society. She has published various papers in national & international journals and has also written a book on *'Discrete Mathematical Structures'*, published by *Imperial College Press, London*. Dr. Vermani has also reviewed various papers in national and international journals.