

## MDP 23: FROM DATA TO DESIGN

Today, in this dynamic environment, every organisation is striving hard to develop and maintain meaningful data by the use of technology. Technology trends such as shared-service infrastructures, Cloud Computing, Big Data, and the Internet of Things (IoT) are all changing the way data is processed, stored, and used in enterprises. This course seeks to provide learners with a basic understanding of enterprise data, its storage and management. It also provides a basic understanding as to how the data can be converted into meaningful insights for decision-making.

### Benefits of attending

On completion of this programme, the participants will be able to:

- Describe, in simple terms, the difference between data and information
- Give a simple explanation of why data is important to people for generating useful information
- Collect, represent, store, retrieve, manage, analyse, and visualize data.

### Program Contents

- **Understanding Data-Information:** Data and information, types of data, static & dynamic data sources
- **Understanding Data Collection & Data Representation:** Data collection, data representation methods
- **Understanding Data Storage & Management:** Data storage, data retrieval and management
- **Understanding Data Analysis and Visualization:** Data analysis and visualization techniques
- **Hands-On on Dashboard using Excel**

### Methodology

The faculty will act as facilitator in helping participants through the process of learning computing essentials by using examples, case studies, lectures, presentation and hands on exercises on Excel.

**Duration:** Two days

## **Program Director**

### **Dr. Monika Arora**



Dr. Monika Arora is Associate Professor and Head of the Department in the area of Operations Management and Information Technology. Dr Arora has done B.Sc(Hons)(Maths), MCA, PhD. She has conducted MDP on Project Management for executives of Walter Bushnell, Martin & Harris Pvt Ltd and Apeejay Education Society. She has over 21 years of academic and corporate experience. She has worked with Nucleus Software Exports Ltd, Global Information System Technology & Platinum Edu. she has an exposure of teaching courses of University of Westminster, U.K. Dr Arora is a reviewer of various national and international journals. Dr Monika is an established Researcher, published various papers in reputed journals such as Inderscience, Springer and IEEE.