18PTMNG205

FUNDAMENTALS OF IT & ERP

Course Objective:

To provide fundamental knowledge on the basic aspects of IT applications in business, Management Information Systems in place and Enterprise Resource Planning in different functional areas.

Module 1: Basic IT Application. : Role of IT in modern business, Basic concepts of computer networks Internet security, Data base management system, Data mining and business intelligence, Advantages and limitation of database system, Modern trends in e-governance.

Module 2: Management information System : Conceptual background of MIS, scope, classifications, characteristics, functions, functional information system (Marketing, HRIS, Financial Management, Production and Inventory Management), DSS, Decision making under uncertainty MIS applications in Industries (Hospital, Hotels, Banking and Manufacturing).

Module 3 : ERP Overview : Definition, Needs and Characteristics of ERP, Role of Manager in implementing ERP issues and Benefits from ERP implementation, Emerging Trends of ERP applications, ERP applications in functional areas such as Human Capital Management, Financial Management, Supplier Relationship Management and Inventory Management.

NB: FACULTY CONCERNED SHALL ARRANGE TO MAKE CASE STUDIES FROM EACH MODULE.

Reference Books :

1. Management Information Systems – Sahil Raj, Pearson

2. Enterprise Resource Planning – CVS Murty, HPH
3. Management Information Systems – W.S. Jawdkar, TMH

4. ERP – Rajesh Ray, TMH
5. IT for Managers – Susila Madan, Taxman