



Course Title: Computers for Managers

Course Code: CSIT102

Credit Units:3

L	T	P/S	SW/F W	TOTAL CREDIT UNITS
3				3

Course Objectives:

The objective of this subject is to provide conceptual knowledge of the information technology to the future managers. This subject highlights the topics like Database Management, Networking, Internet, E-commerce etc., which can help managers to take routine decisions very efficiently.

Pre-requisites: Basic Knowledge of computers, understanding of internet domains and business domain.

Student Learning Outcomes:

1. Develop the understanding and practical exposure to the techniques of Information Technology
2. Provide the best chance of growth of an organization in the new age.
3. Ddevelopment of basic skills of Information Technology
4. Enhance the analytical and design skills which are applicable in all Business Functional Areas.

Course Contents/Syllabus:

	Weightage (%)
Module I	15%
Descriptors/Topics World of Computers Introduction to world of Computers, Basic Structure of Computer System, Computers in Home (Reference, Education & Communications, Entertainment an Digital Media Delivery, Smart Appliances, Home Computers), Computers in Education, Computers in workplace (productivity and decision making, customer services, communications), Computers on the move (Portable and Hand held computers, Self-Service kiosks, GPS Applications), Generation of	

Computer, Types of Computer (Size and Technology wise), Support Systems - Hardware and Software, Computer Peripherals, Memory Management..	
Module II	20%
Descriptors/Topics Computer Networks and Internet Technology Introduction to Computer Networks, Networking components, Classification and types of Networks, Network Topologies – Overview with Advantages and Disadvantages, Communication Channels, Client Sever Architecture, LAN concepts, Introduction to Internet (History, Concepts, & Myths), Difference between Internet, Intranet and Extranet, Domain Name Service, Internet Protocols and Addressing, Services of Internet, Internet and Support Technologies, Censorship and Privacy issues	
Module III	15%
Descriptors/Topics E-commerce Introduction, E-Commerce Vs E-Business, Advantages & Disadvantages of E-Commerce, E-Commerce Transaction Models, E-Commerce Business Models, E-Commerce Technologies, Hosting E-Commerce Site – Planning and constructing web services, Electronic Payment System, E-Commerce Applications, E-Core Values – Ethical, Legal, Taxation and International issues, E-Commerce Security Issues,	
Module IV	15%
Descriptors/Topics Enterprise Resource Planning Introduction, History of ERP, Scope and Benefit, ERP and related technologies (BPR, MIS, DSS, EIS, SCM, OLAP), ERP implementation methodology – implementation life cycle, ERP and its success factors, Pitfalls and management concerns, ERP Market – renowned vendors and the packages.	
Module V	15%
Descriptors/Topics Database Management System Introduction, Need for DBMS, Components of DBMS, Benefits of DBMS over Traditional File System, classification and types of Database Models, Database Approach – Its benefits and disadvantages.	
Module VI	20%
Introduction to Office Automation using MS-Office Concepts of Office Automation, Components of Office Automation, Word Processing & Text Documentation, Spreadsheets & Data Management, Staging and Managing Presentations, Setting up of Mail Client Services, Management of Internet Services.	

Pedagogy for Course Delivery:**Lectures****Guest Lectures****Company Analytics****Group Projects****Assessment/ Examination Scheme:**

Theory L/T (%)	Lab/Practical/Studio (%)	End Term Examination
100%		70

Theory Assessment (L&T):

Continuous Assessment/Internal Assessment				End Term Examination
Components (Drop down)	Case study	Group Project	Attendance	
Weightage (%)	5%	15%	5%	70

Text & References:

Deborah Morley - Understanding Computers: Today & Tomorrow, Eleventh Edition, April 11, 2007, Thomson

- IT Strategy for Business, Parag Kulkarni & Pradip Chande, Oxford University Press
- Rajaraman, V. 1998, An Introduction to Computers, Prentice Hall of India.
- Bhatnagar, S.C. and Ramani, K.V., Computers and Information Management.
- Hunt and Shelly. 1994, Computers and Commonsense, Prentice Hall of India.