



Course Title: Information Technology for Managers
Course Level: PG
Course Code: CSIT601
Credit Units: 2

L	T	P/S	SW/F W	TOTAL CREDIT UNITS
2	-	-	-	2

Course Objectives:

This course will expose students to developments in computer technology and understand the working of a computer system. It will introduce end-user computing and build skills in using IT and understanding various technologies like internet, telecom, DBMS concepts, e-commerce etc. The course will expose the students to the latest trends in computer.

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. Development 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	20
Descriptors/Topics	
Modern Information Systems Data, Information, Knowledge, Data Resource Management: Introduction to DBMS, Benefits of DBMS over traditional file system, Types of DBMS, Application of DBMS using MS-ACCESS as a tool for understanding of DBMS concepts. SQL Query handling, Forms, Concept of Data Warehouses and Data Marts, Introduction to Data Centers	

Module II	20
Descriptors/Topics Information Networks Networked Enterprise Components: Types of networks, Advantages of Network Environment, Business Uses of Internet, Intranet and Extranet, Distributed/Cloud Computing	
Module III	20
Descriptors/Topics Electronic Commerce Systems Introduction to e-Commerce and M-Commerce, Advantages and Disadvantages of each. E-commerce models , with examples. Concept of Internet Banking and Online Shopping, Electronic Payment Systems; Concept of e-governance , World Perspective , Indian Perspective , Technologies for e-governance , e-governance as an effective tool to manage the country's citizens and resources, Advantages and Disadvantage of E-governance	
Module IV	15
Descriptors/Topics Enterprise Business Systems ERP: The business backbone, benefits of ERP, failures of ERP;e-CRM,e-SCM, Integration of ERP with Business, Artificial Intelligence, Expert Systems,	
Module V	25
Descriptors/Topics IT Tools MS-Excel (cell referencing, nested if(), conditional formatting; Advanced Excel: LookUp(), Goal seek; Scenario Manager, Data Tables; Introduction to SPSS	

Pedagogy for Course Delivery:

Lectures

Guest Lectures

Company Analytics

Group Projects

Assessment/ Examination Scheme:

Theory L/T (%)	Lab/Practical/Studio (%)	End Term Examination
100	0	70

Theory Assessment (L&T):

Continuous Assessment/Internal Assessment					End Term Examination
Components (Drop down)	Case study	Group Project	Test	Attendance	
Weightage (%)	05%	10%	10%	5%	70

Text & References

- Norton P (2010), Introduction to Computers, Tata McGraw-Hill
- Potter T (2010), Introduction to Computers, John Wiley & Sons (Asia) Pvt Ltd
- Morley D & Parker CS (2009), Understanding Computers – Today and Tomorrow, Thompson Press
- Jawadekar, WS (2009); Management Information System; Tata Mc Graw Hill
- Mclead R & Schell G (2009), Management Information Systems; Pearson Prentice Hall
- O'Brein, JA (2009); Introduction to Information Systems; Tata Mc Graw Hill

Papers and articles

- “Trends and Opportunities in the Indian Automotive Sector”; Mr. Deepak Kapuria; 2009
- “Scope for RFID Implementation in the Indian Auto components Industry”, Haritha Saranga, Tejas Dave, A.T.Shubha
- “Realistic Analysis of Data Warehousing and Data Mining Application in Education Domain”, Manjunath T. N., Ravindra S. Hegadi, Umesh I. M., and Ravikumar G. K.
- “Telecommunications Revolution in India”, Written by Mr NK Sinha, Indian Telecom Commission.
- “E-Governance in India – Problems and acceptability”, Dr. Sanjay Kumar Dwivedi, Ajay Kumar Bharti, Journal of Theoretical and applied Information Technology
- “Cyber Security in India’s Counter Terrorism Strategy”, Col S S Raghav, Director, Ministry of Defence