

E-Commerce & ERP (IT-7003)

Course Code	IT-7003	Credits-4	L – 3, T- 1, P-0
Name of the Course	E-Commerce & Erp		
Lectures to be Delivered	52 (1 Hr Each) (L= 39, T = 13 for each semester)		
Semester End Examination	<i>Max. Marks: 100</i>	<i>Min. Pass Marks: 40</i>	Maximum Time:3hrs
Continuous Assessment (based on sessional tests (2) 50%, Tutorials/Assignments 30%, Quiz/Seminar 10%, Attendance 10%)	<i>Max. Marks: 50</i>		

Instructions

- For Paper Setters:** The question paper will consist of five sections A, B, C, D, and E. Section E will be Compulsory, it will consist of a single question with 10-20 subparts of short answer type, which will cover the entire syllabus and will carry 40% of the total marks of the semester end examination for the course. Section A, B, C and D will have two questions from the respective sections of the syllabus and each section will carry 15% of the total marks of the semester end examination for the course.
- For Candidates:** Candidates are required to attempt five questions in all selecting one question from each of the sections A, B, C and D of the question paper and all the subparts of the questions in section E. Use of non-programmable calculators is allowed.

Section – A

Introduction and Concepts: Networks and Commercial transactions – Internet and other novelties: networks and electronic transactions today, Model for commercial transactions; Internet environment - Internet advantage, worlds wide web and other Internet sales venues; online commerce solutions.

Electronic Payment Methods: Updating traditional transactions; secure online offline secure processing; private data networks, Security protocols.

Section – B

Electronic Commerce Providers: On – line Commerce options; Company profiles, Electronic Payment Systems: Digital payment systems; First virtual Internet payment system; cyber cash model. On-line Commerce environments; Servers and commercial environments; E-commerce Servers.

Digital Currencies: Operational process of Digicash, Ecash Trail; Using Ecash; Smart cards; Electronic Data interchange: basics, EDI versus Internet and EDI over Internet. Strategies, Techniques and Tools, Shopping techniques and online selling techniques.

Section – C

ERP – an Enterprise Perspective: Production finance, Personnel disciplines and their relationships, Transiting environment, MIS Integration for disciplines, Information/ workflow, Network Structure, client Server Integrator System, Virtual Enterprise.

ERP – Resource Management Perspective; Functional and Process of Resource, Management, Introduction to basic Modules of ERP System: HRD, Personnel Management, Training and Development, Skill Inventory, Material Planning and Control, inventory, forecasting, Manufacturing, Production Planning, Production Scheduling, Production Control, Sales and Distribution, Finance, Resource Management in global scenario.

Section – D

ERP – Information System Perspective: Functional to OLAP (Online Analysis and Processing), TP, OAS, KBS, MRP, BPR, SCM, REP, CRM, and Information Communication Technology.

ERP – Key Managerial Issues: Concept Selling, IT Infrastructure, Implication, of ERP System on business Organization, Critical success factors in ERP System, ERP Culture Implementation Issues, resistance to change, ERP Selection issues, return on Investment, pre and Post Implementation Issues.

Books:

1. Ravi lalakota, Andrew Whinston: Frontiers of Electronics Commerce, 1996, Addison Wesley.
2. V.K. Garg and N.K. Venkita Krishna: Enterprise Resource Planning – Concepts and practice, 1998, PHI.
3. John Antonio, Fernandz: The SAP/3 Handbook, TMH.
4. Denial Amor: The E-Business Revolution, Addison Welsey
5. From Edi to E-Commerce: A Business Initiative: Sokol TMH
6. Greenstein and Feinman: E-Commerce, TMH
7. Diwan, Sharma: E-Commerce Excel.
8. Asset International “Net Commerce” TMH
9. Bajan and Nag: E-Commerce: The cutting Edge of Business, TMH
10. E-Commerces – Jaffrey F. Rayport, Bernard J. Jaworski, 2002, tmh
11. Electronic Commerce – Security, Risk Management and Control, Greenstein, Feinman, 2002, TMH.