Electronic Commerce

Syllabus

Unit - I

Introduction

Electronic commerce environment & opportunities - Electronic commerce environment - Electronic market place technologies - Mode of E-commerce, overview - Electronic data interchange, Electronic fund transfer.

Unit - II

Security

Approaches to safe Electronic commerce overview - Secure Transport Protocol - Secure Transaction - Secure Electronic Payment Protocol (SEPP) - Secure Electronic Transaction (SET) - Certificates for authentication - Security on Web server & Enterprise network.

Unit - III

Electronic Payment

Electronic P cash & Electronic Payment Scheme - Internet Monetary Payment & Security requirements - payment and purchase order process - Online Electronic cash - Internet / Intranet security issues & solutions - The need for computer security - Specific intruder approaches.

Unit - IV

Messaging

Master Card / Visa secure electronic transaction Introduction - E-mail & Secure E-mail technology

for Electronic commerce - Introduction - The means of distributed message handling models - MIME (Multipurpose Internet Mail Extension) - SMIME (Secured Multipurpose Internet Mail Extension) - MOSS (Message object Security Services).

Unit - V

Applications

Internet and website establishment Introduction - Technologies for web server - Internet toole relevant to commerce - Internet Applications for commerce - Internet access and Architecture - Searching the Internet - Internet resources - Creating a Website

Textbook :

Daniel Minoli & Emma Minoli, Web technology handbook - Tata McGraw Hill Commerce 2002

Reference book :-

K. Bajaj & D Nag, E-commerce, Tata McGraw Hill 1999.