COURSE CODE :- **DSE 2**
COURSE TITLE :- **DSE-II/E-COMMERCE AND APPLICATION**
CREDIT :- **4**

Marks distribution
Full Marks: 20 (MSE) + 80 (ESE) = 100 Times: 3 hrs   Pass Marks: 45
This paper consists of 70 marks and divided into two groups:
Group-A: Objective questions (Compulsory)   :   1 x 10 = 10
Group-B: Descriptive questions (6 out of 9 questions)   :   7 x 10 = 70
Total =   80
The questions must cover the entire syllabus with equal distribution of marks as far as practicable.

Module 1:   Introduction to e-commerce, Advantages and Disadvantage of Ecommerce, Types of

E-Commerce EDI-electronic data interchange, Benefits of EDI, Component of EDI System.

Module 2:   Introduction to UN/EDIF ACT standard, An EDIFACT Message, Interchange

Structure, Un/EDIFACT message Directories.

Module 3:   Internet & Extranets, Commerce over the Internet, Commerce over the Extranet

Identification & tracking tools, EAN system, Eancom, Article numbering, bar Coding.

Module 4:   Business process Re-engineering, Strategic Alignment Model BPR Methodology. Rapid Re
Methodology, Management of change

Module 5:   Concerns for e-commerce growth – Legal issues, Risks, Technology for Authenticating
Electronics Document, Laws for E-Commerce, Legal issues for internet commerce.

Module 6:   Cyber security, Cyber attacks, Hacking, Firewalls, cryptography based solutions, Digital
Signature

Module 7:   Cyber crimes, Information Technology act 2000, Public Key Infrastructure, PKI and Certifying
Authorities

Module 8:   Electronic payment system, Payment gateway and Internet banking, Pay pal, Secure Electronic
|Transaction (SET) protocol

Books Recommended :

1.K. K. Bajaj & D. Nag **–** TMH
2.Rayport & Jawors

PRACTICAL: E-COMMERCE AND APPLICATION

CASE STUDY ON E-COOMERCE, APPLICATION OF E-COMMERCE,E-GOVERNANCES CASE STUDIES

(DEPARTMENT OF INFORMATION TECHNOLOGY)