

P.G.D.C.A. Semester – II

DCA - 204: Electronic Commerce (E-Commerce)

Teaching Scheme (per week)		Teaching Scheme (per semester)		Examination Scheme					
Th. (Hours)	Pr. (Hours)	Total (Hours)	Credit	Internal		External		Total	
Th. (Hours)	Pr. (Hours)	Total (Hours)	Credit	Th. (Marks)	Pr. (Marks)	Th. (Marks)	Pr. (Marks)	Th. (Marks)	Pr. (Marks)
4	---	40	4	30	----	70	---	100	---

Unit – I	[17 Marks]
Introduction to E – Commerce, Pure Vs Partial E-Commerce, History and Development (Evolution) of E-Commerce , Difference between traditional commerce and e-commerce, Advantages and Limitations, E – Commerce – Indian Scenario/E– commerce in India, Various Technologies of E-Commerce, Future of E-Commerce	
Unit – II	[18 Marks]
Types of E-commerce and Electronic Data Inter-change (EDI), Driving Forces of E-Commerce, Introduction Various Model of E-Commerce : B2C, B2B, C2B, C2C, B2G and G2C, Electronic Data Inter-change (EDI) – Concept, Meaning & Definition, Features and Benefits. Network Security(Only Concepts): Firewalls, IP security, Virtual Private Networks ,HTTPS, SSL, SETP	
Unit – III	[17 Marks]
E – Payments and Security: A brief overview of the following: Credit card ,Debit card, Smart Card (Electronic Credit Card),EFT ,E–wallet, e-check and e-cash, Payment Gateway ,Security in cyberspace – Kinds of threats and crimes, Credit Card Frauds and Internet security using VPN and firewalls.	
Unit – IV	[18 Marks]
Technology in E – Commerce: Networking – Concept, Meaning and Features, Classification of Networks: LAN, WAN, Internet, Intranet and Extranet (Concept, Meaning and Benefits), Virtual Private Networks (VPNs) – Overview, Recent Trends in E – Commerce: M–commerce – Introduction, growth and future, advantages and limitations , Introduction and management of e–enterprises, Ethical issues in e-commerce.	

Text & Reference Books:

1. Web Commerce Technology Hand Book by: Daniel Minoli, Emma Minoli
2. Internet and Web designing by Rajesh Maheta, Ronak patel,Rajendra patel and Shyam Chavda (Nirav Prakashan),1st Edition.
3. E-commerce by Bhadresh Patel, Bharat Publication
4. E – Commerce by Mamta Bhusry, Firewall Media
5. Cryptography & Network Security by Atul Kahate (Tata McGraw Hill)

Question Paper Scheme:

University Examination Duration : 3 Hours.

- Q.1 Descriptive / Long questions. (12 Marks)
- Q.2 Descriptive / Long questions. (12 Marks)
- Q.3 Descriptive / Long questions. (12 Marks)
- Q.4 Descriptive / Long questions. (12 Marks)
- Q.5 -
- A. Unit I and II – Objectives/Short Questions (12 Marks)
 - B. Unit III and IV – Objective/Short Questions (10 Marks)

Note: Options should be given in all questions.