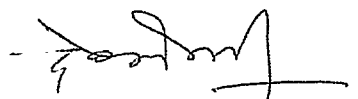
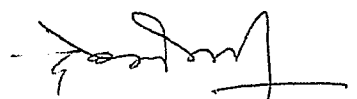


Part-A :Introduction

Program: Diploma		Class: BCA	Year: II Year	session: 2022-2023
Subject : Computer Applications				
1.	Course Code	S2-BCAD1G		
2.	Course Title	E-Commerce		
3.	Course Type(Core Course/Elective/Generi c Elective/Vocational/...)	Generic Elective		
4.	Pre-requisite(If any)			
5.	Course Learning Outcomes (CLO)	On the completion of this course student will be able - <ul style="list-style-type: none">• To learn the fundamentals of E – Commerce and its process.• To understand the role of E- commerce in the present scenario along with the concepts of security and its applications.• To gain knowledge of e-commerce business needs and resources and match to technology considering human factors and budget constraints.• To apply knowledge of changing technology on traditional business models and strategy.• To have skills to Communicate effectively and ethically using electronic communication.		
6.	Credit Value	Theory : 6 Credits		
7.	Total Marks	Max.Marks: 30 + 70	Min. Passing Marks: 33	

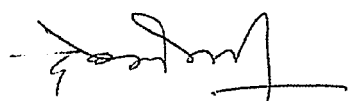

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Part-B :Contents		
No. Of Lectures (in hours per week) :2 Lectures per week Total No. of Lectures =90 Hrs.		
Module	Topics	No. of Lectures
I	<u>Introduction</u> Brief history of e-commerce ,Types , Advantages & Disadvantages of e-commerce , Elements of e-commerce , Principles of e-commerce , Messaging and Information distribution , Messaging and information distribution , Common service infrastructure , other key support layers	10
II	<u>EDI to e-commerce:</u> EDI - Origin , System approach and communication approach , Migration to open EDI-Approach , Benefits , Mechanics , E-com with WWW/Internet. E-Government-Concepts, Applications of G2C, G2B, G2G	10
III	<u>Electronic communication</u> PC and networking , Network topologies and communication media , E-mail , OSI and TCP/IP Models , LAN, WAN, MAN Internetworking – Bridges and gateways , Internet Vs Online services, Open vs. Closed Architecture , Controlled contained Vs Uncontrolled contained , Metered Pricing Vs Flat pricing , Innovation Vs Control.	25
IV	<u>WWW & Electronic Payment System:</u> Applications – what is web , Why is the Web such a hit , The Web and E-Com ,Concepts & Technology –Key concepts , Web Software development Tools. Electronic payment system – Overview , Electronic or digital cash , Electronic Checks , Online credit card based system , other Engineering financial instruments ,Consumer legal and Business issues	20
V	<u>Security and Application</u> Need of computer security, Specific intruder approaches, Security strategies, Cryptography, Public key encryption, Private key encryption, Digital signatures <u>Advertising on the internet:</u> Marketing, Creating a website. Electronic publishing issues, EP architecture, EP tools, Web page EP-Baseline issues, Application tools and publishing on the internet.	25


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Part -C Learning Resources	
<p>Suggested Digital Platforms, Web links</p> <ol style="list-style-type: none"> 1. https://onlinecourses.nptel.ac.in/noc19_mg54/preview 2. https://onlinecourses.swayam2.ac.in/cec19_cm01/preview 3. https://www.coursera.org/lecture/innovative-entrepreneur/e-commerce-the-internet-as-a-selling-platform-DYSNa 4. https://www.mooc-list.com/tags/e-commerce-market 5. https://onlinecourses.swayam2.ac.in/nou21_cm14/preview 6. http://www.mphindigranthacademy.org/ <p>Suggested Readings:</p> <ol style="list-style-type: none"> 1. "Electronic Commerce" By Ravi Kalakota and Andrew B. Whinston. 2. "Web Commerce Technologies Handbok" By Daniel Minoli & Emma Minoli 3. "E-Commerce" By Dr. Varinder Bhatia 4. "Promise Of E-Governance" By M P Gupta 5. Book published by M.P. Granth Academy , Bhopal 	

Part D-Assessment and Evaluation		
Suggested Continuous Evaluation Methods:		
Maximum Marks : 100		
Continuous Comprehensive Evaluation (CCE) : 30marks University Exam (UE) 70marks		
Internal Assessment :	Class Test	Total 30
Continuous Comprehensive Evaluation (CCE):30	Assignment/Presentation	
External Assessment :	Section(A) : Objective Questions	Total 70
University Exam Section: 70	Section (B) : Short Questions	
Time : 03.00 Hours	Section (C) : Long Questions	


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