Shri Vaishnav Vidyapeeth Vishwavidyalaya, Indore
Shri Vaishnav Institute of Information Technology
Choice Based Credit System (CBCS) in Light of NEP-2020
Generic Elective Courses (GEC) (2021-2025)

COURSE CODE	CATEGORY	COURSE NAME	TEACHING&EVALUATION SCHEME								
			THEORY			PRACTICAL					
			ENDSEM University Exam	Two Term Exam	Teachers Assessment*	ENDSEM University Exam	Teachers Assessment*	L	T	P	CREDITS
GUCS101	GEC	Internet and E-Commerce	60	20	20	0	0	2	1	0	3

Legends: **L** - Lecture; **T** - Tutorial/Teacher Guided Student Activity; **P** – Practical;   **C** - Credit;
***Teacher Assessment** shall be based following components: Quiz/Assignment/ Project/Participation in Class, given that no component shall exceed more than 10 marks.

Course Objectives:
1. To introduce the fundamentals concepts of Internet.
2. Describe the basic operation of Internet Browser.
3. Study the Basic terminology of HTML and JavaScript.
4. Explain the basic terminologies of E-Commerce and its various Issues.

Course Outcomes:
1. Understand the basic terminologies of Internet.
2. Be aware of the basic operation of Internet Browser.
3. Students are able to develop a dynamic webpage by the use of java script.
4. Be aware of the ethical, social, and security issues of E-Commerce.
   i.   .

Syllabus:

UNIT-I

Introduction to Internet, Internet Evolution, World Wide Web (WWW), Advantages and Disadvantages of Internet, Internet vs Intranet. The purpose and function of an Internet Service Provider (ISP), Connectivity- Dialup, Leased line, VSAT, URLs, Portals, Internet service and Application, Email- Basic sending and receiving, Free Email Services, Protocols- FTP, DNS, TCP, UDP, HTTP, IP, Telnet Concept, Internet chatting- voice chat, Text Chat

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UNIT II

Basic operation using Internet browser- working with browsers, View history in browsers, Search Engines, searching information on Wikipedia, subscribing, and reading newspapers online. Working with Google Apps, Online Ticket Booking, Apply for PAN Card, how to apply for Passport, how to apply Aadhar card online, pay electricity bill, Pay Service tax online, booking gas refill online, Downloading eBooks.

UNIT III

HTML- Concepts of Hypertext, versions of HTML, elements of HTML, HTML editors, Tags and Attributes, Syntax, Head and Body sections. JavaScript Overview, Syntax and conventions, variables, expressions, Branching and looping statements, Functions, Objects, Events- onClick, onMouseOver, onSubmit

UNIT IV

E-Commerce: The scope of E commerce, Electronic Market, Electronic Data Interchange, Internet Commerce, benefits and limitations of E-Commerce.
Threats in Computer Systems: Virus, Cyber Crime Network Security: Encryption, Protecting Web server with a Firewall, Firewall and the Security Policy, Network Firewalls and Application Firewalls, Proxy Server.

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Board of Studies
ShriVaishnavVidyapeeth
Vishwavidyalaya, Indore

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Controller of Examination
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UNIT-V

Understanding Ethical, Social and Political issues in E-Commerce: A model for Organizing the issues, Basic Ethical Concepts, Analyzing Ethical Dilemmas, Candidate Ethical principles Privacy and Information Rights: Information collected at E-Commerce Websites, The Concept of Privacy.

Text Books:
1. Internet and E-Commerce", Vinay Kumar, Prakhar book, 2nd Edition, 2012.
2. "Web Technologies, HTML, JavaScript, PHP, Java, JSP, XML and AJAX", Black book, Dream Tech, 2011.
3. Elias. M. Awad, " Electronic Commerce", Prentice-Hall of India Pvt Ltd, 3rd Edition, 2002.
4. S. J. Joseph, "E-Commerce: an Indian perspective", PHI, 5th Edition, 2015.

Reference Books:
1. Internet and World Wide Web, How to Program", Dietel and Dietel, Pearson Education,2006.
2. Kenneth C. Laudon, "E-Commerce: Business, Technology", Society, 4th Edition, Pearson, 2008.