

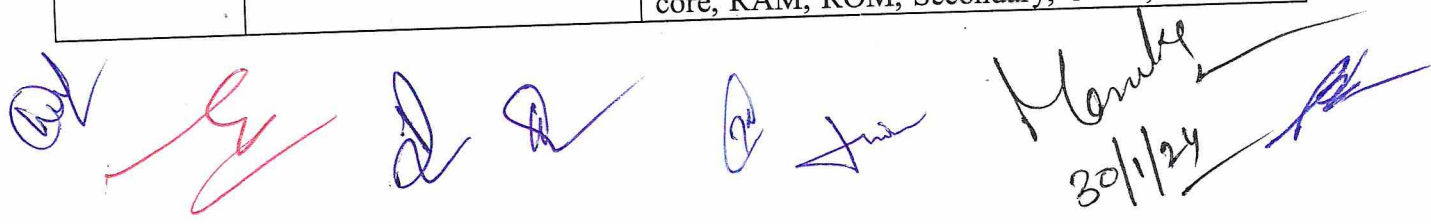
## FC-1-01T: Fundamentals of Computer

Total Marks: 100  
 External Marks: 70  
 Internal Marks: 30  
 Credits: 6  
 Pass Percentage: 40%

<b>Course: Fundamentals of Computer</b>	
<b>Course Code: FC-1-01T</b>	
<b>Course Outcomes (COs)</b>	
After the completion of this course, the students will be able to:	
CO1	Learn the basic knowledge of computer hardware and software
CO2	Get basic knowledge of number system
CO3	Gain knowledge of computer languages such as machine language, assembly language, high level language, 4GL.
CO4	Learn hands on experience with operating systems
CO5	Learn the computer networks, Information Technology and Society

### Detailed Contents:

Module No.	Module Name	Module Contents
Unit 1	Introduction of Computer	Characteristics of the Computer, Block diagram of a Computer, Classification and Generations of Computer, <i>Input Devices</i> : Keyboard, Mouse, Trackball, Space ball, Joystick, Light pen, Touch screen, Digitizer, Data Glove, Scanner, Speech Recognition Devices, Optical Recognition Devices: OMR, OBR, OCR, MICR, Video Cameras, <i>Output Devices</i> : Monitors, Printers and its types, Plotters and its types, Speakers, Multimedia Projector.
Module II	Number System	Concept of Bit and Byte, Number System: Binary, Octal, Decimal and Hexadecimal System, Conversion from one system to the other. Binary Arithmetic: Addition, subtraction and multiplication. 1's compliment, 2's compliment, Subtraction using 1's compliment and 2's compliment.
Module III	Computer Languages	Machine language, assembly language, high level language, 4GL. <i>Language Translators</i> : Compiler, Interpreter, and Assembler. <i>Software</i> : Types of Software: System Software, Application Software, and Firmware. <i>Memories</i> : Memory Hierarchy, Memory Types: Magnetic core, RAM, ROM, Secondary, Cache, Overview


  
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		of storage devices: floppy disk, hard disk, compact disk, tape.
<b>Module IV</b>	<b>Operating System</b>	Functions of Operating System, Types of Operating System, Turning on a computer, desktop, taskbar, start menu, booting up, Desktop, Shortcut, Icons, Recycle Bin, Start Menu, My Computer, Computer's Devices and Drives, Storage, Removable Storage, CD/DVD Drive, floppy drive, and USB flash drive, Hard drive, Control Panel, The Window, Parts of Window, File Explorer, Files, Folders, Directories, Command, Menus, Keyboard, Function Keys, Normal Keys, Special keys, Direction keys, Numeric Keypad, Numeric Keys, Mouse: Left button, Right Button, Windows Accessories, Sharing Information between Programs. Virus, Antivirus, Peripherals can use with your computer.
<b>Module V</b>	<b>Computer Networks</b>	Components of data communication, modes of communication, standards and organizations, Network Classification, Network Topologies; Network Types, Transmission media, network protocol; layered network architecture. Basic of Computer networks: LAN, MAN, WAN.
<b>Module VI</b>	<b>Information Technology and Society</b>	Applications of Information Technology in Business and Industry, Railway, Airline, Entertainment, Banking, Insurance, Inventory Control, Hotel Management, Education and Training, Mobile Phones, Information Kiosks, Weather Forecasting, Scientific Application.

### Books

1. Pradeep K., Sinha, "Computer Fundamentals: Concepts, Systems & Applications", BPB
2. Rajaraman V, "Fundamentals of Computers", PHI
3. RS Salaria, "Computer Fundamentals", Kanna Publication, 1<sup>st</sup> Ed., 2017
4. E Balagurusamy, "Fundamentals of Computers", Mc Graw Hill, 2012
5. Glenn Brookshear, "Computer Science: An Overview", Pearson, 2012

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# FDM-1-02T: Fundamentals Digital Marketing

Total Marks: 100  
External Marks: 70  
Internal Marks: 30  
Credits: 6  
Pass Percentage: 40%

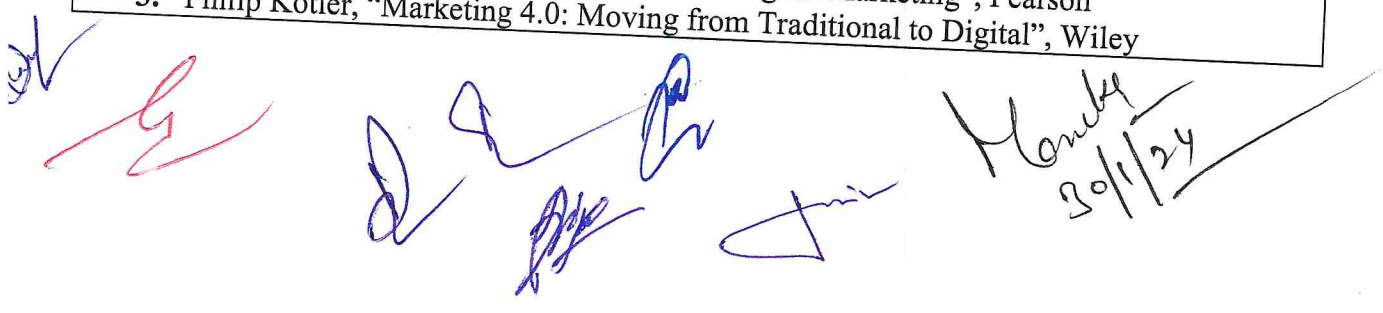
<b>Course: Fundamentals of Digital Marketing</b>	
<b>Course Code: FDM-1-02T</b>	
<b>Course Outcomes (COs)</b>	
After the completion of this course, the students will be able to:	
CO1	Recall the fundamental concepts and principles of digital marketing
CO2	Demonstrate an understanding of the digital market evolution, social media strategy, content creation, and engagement
CO3	Apply knowledge of digital marketing concepts and manage digital advertising campaigns on platforms like Google Ads and social media.
CO4	Evaluate the impact of digital marketing on various industries and businesses, while developing digital marketing strategy aligned with business goals.
CO5	Explore strategies for marketing on mobile devices, including mobile advertising and app marketing.

### Detailed Contents:

Module	Module Name	Module Contents
Module 1	Introduction to Digital Marketing	Concepts, Traditional Marketing vs. Digital Marketing, Digital Market Evolution, Career in Digital Marketing.
Module II	Digital Consumer	Consumer Characteristics and profiles, Information Search Behavior, Factors Influencing Consumption Behavior, Purchase Decision Process, Post Purchase Behavior and Management.
Module III	Digital vs Non- Digital Marketing Strategy	Digital vs Non- Digital Marketing Strategy, Digital Marketing Decisions- Product, Price, Distribution and Promotion.
Module IV	Digital Marketing Strategy Formulation and Execution Digital Marketing Mechanisms	Digital Marketing Strategy Formulation and Execution Digital Marketing Mechanisms: Websites- Company and Retail Service Providers, Search.
Module V	Search Engines	Search Engines- Google, Bing, Ask, Yahoo Video Hosting and Entertainment-Youtube, Wimeo, Amazon Prime, Netflix, Hotstar.
Module VI	Social Media	Mobile Phones, E- Mails, Blogs, Social Media: Facebook, Instagram, Twitter, Whatsapp.

### Books

1. Seema Gupta, "Digital Marketing", McGraw Hill Education
2. PModule Singh Bhatia, "Fundamentals of Digital Marketing", Pearson
3. Philip Kotler, "Marketing 4.0: Moving from Traditional to Digital", Wiley


  
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## OAT-1-03T: Office Automation Tools

Total Marks: 100  
 External Marks: 70  
 Internal Marks: 30  
 Credits: 4  
 Pass Percentage: 40%

<b>Course: Office Automation Tools</b>	
<b>Course Code: OAT-1-03T</b>	
<b>Course Outcomes (COs)</b>	
After the completion of this course, the students will be able to:	
CO1	Demonstrate proficiency in using office suite applications such as Microsoft Office for Word Processing.
CO2	Demonstrate proficiency in using office suite applications such as Microsoft Office for Power Presentations.
CO3	Demonstrate proficiency in using office suite applications such as Microsoft Office for Spread Sheets.
CO4	Understand and utilize electronic signature tools such as DocuSign or Adobe Sign for digitally signing documents.
CO5	Familiarity with Video conferencing software for online meetings and webinars.

### Detailed Contents:

Module	Module Name	Module Contents
Module 1	Microsoft Office for Word Processing	Introduction to Word Processing, Development of the Word Processor, Creating, opening and closing documents, Working with multiple documents, Saving documents, Save an existing file under another name, Locating the components of the Writer window, Writer toolbars and ruler, Adjusting the application settings, Adding content to Writer Documents, Working with text, Editing Content, Formatting Documents, Text Formatting, Paragraph Formatting, Text alignment, Tabs and its types, Placing text at the tab position, Paragraph spacing, Working with lists, Paragraph borders and shading, Creating and Applying Styles, Adding tables, Adding data to a table, Deleting a table, Add and delete columns and rows, Modifying columns and rows, Inserting images, Modifying images, Resize an image and charts, Mail Merge, Preparing the documents, Creating the main document, Creating the data source, Document formatting.





<b>Module II</b>	<b>Microsoft Office for Spread Sheets.</b>	Introduction to Spreadsheets, Development of the spreadsheet, Design considerations for spreadsheet documents, Creating, opening, and closing spreadsheets, Working with multiple spreadsheets, Saving spreadsheets, Locating the components of the Calc window, Calc toolbars, Adjusting the application settings, Adding content to Calc spreadsheets, Working with cells, Selecting cells and cell ranges, Entering data in cells, Numerical data, Date format of data, Sorting data, Formatting appearance, Copying and Moving cells, Working with rows and columns, Formulas and Functions, Arithmetic formulas, Arithmetic operators, Functions, Cell ranges, Charts and graphs, Types of Charts, Creating charts from cell data, Modifying a chart, Preparing spreadsheets for output, Setting up a worksheet for printing, Printing worksheet
<b>Module III</b>	<b>Microsoft Office for Power Presentations.</b>	Introduction to Presentations, Design principles, Purpose of the Presentation, The Design Process, Graphics and illustrations, Working with Presentations, Window Layout, Opening an Existing Presentation Using the File Menu, Saving a Presentation, Saving a Presentation in Different Formats, Creating a New Presentation, Using Pre-defined Presentation Templates in Presentation, Creating a Presentation from Scratch, Slide Layouts, Adding, Copying and Deleting Slides, Creating and Applying Presentation Views, Creating a Master for Presentation, Adding a Graphic or Object, Adding Text to Slides, Enter Text into Placeholders, Title Placeholder, Text Placeholder, Adding Text in Outline View, Adding a Textbox to a Slide, Copy, Move and Delete Text and Text Boxes, Formatting Text, Work with Tables in Presentations , Inserting Charts, Different Chart Types, Identifying the Parts of a Chart, Inserting a Simple Chart, Importing Charts and Tables from a Spreadsheet, Working with Graphics, Graphical Object, Inserting Clip Art, Inserting an Image from File, Using the Art Gallery to Draw Objects, Move/Delete/Copy a Selection of Objects, Preparing your Presentation, Animation Effects

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		on Text and Objects, Add Presenter Notes to Slide
<b>Module IV</b>	<b>Collaboration &amp; Communication and Electronic Signature</b>	<p><b>Microsoft Teams:</b> Combines chat, video conferencing, file storage, and application integration for team collaboration.</p> <p><b>Zoom:</b> Video conferencing software for online meetings and webinars.</p> <p><b>Electronic Signature:</b></p> <p><b>DocuSign:</b> Allows users to electronically sign documents, contracts, and agreements.</p> <p><b>Adobe Sign:</b> Part of the Adobe Document Cloud, offering electronic signature capabilities.</p>
<b>Module V</b>	<b>Future Trends in Office Automation</b>	Emerging technologies and their impact on office automation
<b>Module VI</b>	<b>Security and Privacy</b>	<ul style="list-style-type: none"> <li>• Importance of security in office automation</li> <li>• Best practices for securing office documents and communications</li> </ul>

### Books

1. Ramesh Bangia, "Learning Microsoft Office 2010", Khanna Publishers
2. Satish Jain, Shashi Singh, M. Geetha Iyer, "Bpb'S Computer Course Windows 10 With Ms Office 2016", BPB Publications
3. [https://baou.edu.in/assets/pdf/BSCIT\\_103\\_slm.pdf](https://baou.edu.in/assets/pdf/BSCIT_103_slm.pdf)
4. [https://www.ebookbou.edu.bd/Books/Text/SST/DCSA/dcsa\\_1302/Unit-02.pdf](https://www.ebookbou.edu.bd/Books/Text/SST/DCSA/dcsa_1302/Unit-02.pdf)
5. <https://www.msuniv.ac.in/images/e-content/6.Computer%20Fundamentals%20and%20Office%20Automation.pdf>

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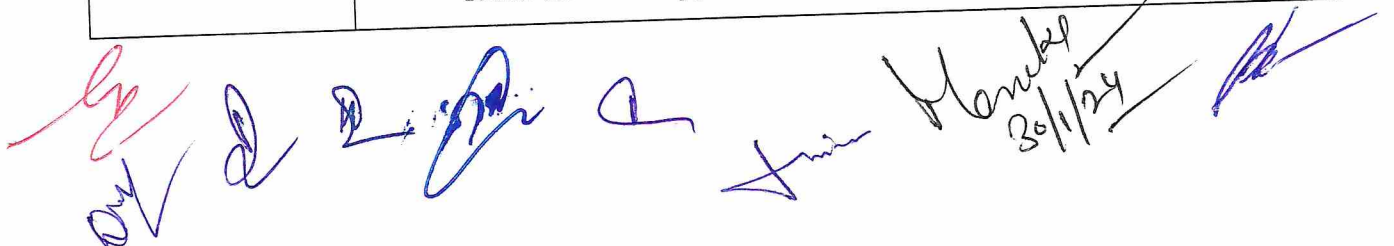
## OAT-1-03T: Office Automation Tools Lab

Total Marks: 50  
 External Marks: 35  
 Internal Marks: 15  
 Credits: 2  
 Pass Percentage: 40%

<b>Course: Office Automation Tools Lab</b>	
<b>Course Code: OAT-1-03P</b>	
<b>Course Outcomes (COs)</b>	
After the completion of this course, the students will be able to:	
CO1	Create and format various types of documents using word processing software.
CO2	Apply styles, formatting, and templates to enhance document appearance.
CO3	Create, edit, and format spreadsheets for data management and analysis using tools like Microsoft Excel.
CO4	Develop effective presentation skills using presentation software (e.g., Microsoft PowerPoint).
CO5	Enhance communication skills through effective use of email, instant messaging, and other communication tools.

### Detailed about Experimental Tasks:

Experimental Task No.	Experimental Description
T1	<ul style="list-style-type: none"> <li>Experimental work to create and format various types of documents using word processing software.</li> <li>Experimental work to apply styles, formatting, and templates to enhance document appearance.</li> </ul>
T2	<ul style="list-style-type: none"> <li>Experimental work to create, edit, and format spreadsheets for data management and analysis using Microsoft Excel.</li> <li>Experimental work to perform basic and advanced functions like sorting, filtering, and creating charts.</li> </ul>
T3	<ul style="list-style-type: none"> <li>Experimental work to develop effective presentation skills using presentation software (e.g., Microsoft PowerPoint).</li> <li>Experimental work to design and deliver presentations with a focus on visual appeal and communication effectiveness.</li> </ul>


  
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T4	<ul style="list-style-type: none"><li>• Demonstrate proficiency to utilize collaboration tools within office suites for real-time editing and sharing of documents.</li></ul>
T5	<ul style="list-style-type: none"><li>• Demonstrate proficiency to use of email, instant messaging, and other communication tools.</li></ul>
T6	<ul style="list-style-type: none"><li>• Demonstrate proficiency to sign electronically on documents, contracts, and agreements.</li></ul>

Handwritten signatures in blue and red ink. The signatures are scattered across the page. One signature in blue ink is written as "Monika" with the date "30/1/24" written below it. Other signatures are in various styles, some in blue and one in red.



## BCS-2-01T: Basic Communication Skills

Total Marks: 100  
External Marks: 70  
Internal Marks: 30  
Credits: 6  
Pass Percentage: 40%

<b>Course: Basic Communication Skills</b>	
<b>Course Code: BCS-2-01T</b>	
<b>Course Outcomes (COs)</b>	
After the completion of this course, the students will be able to:	
CO1	Gain competence in verbal and non-verbal communication
CO2	Increase comprehension levels
CO3	Use language for effective communication
CO4	Understand the processes of communication
CO5	Overcome barriers in communication

### Detailed Contents:

Module	Module Name	Module Contents
Module I	<b>Understanding Human Communication:</b>	Constitutive Processes of Communication, Language as a tool of communication, Barriers to Effective communication, Strategies to Overcome the Barriers, Non-Verbal Communication, Importance of Non-Verbal Communication, Non-Verbal Communication and Cultural influences
Module II	<b>Listening Comprehension</b>	Difference between Hearing and Listening, Effective Listening Strategies, Listening in Conversational Interaction
Module III	<b>Speaking Skills</b>	Expressions in different Communicative Functions: Asking Questions; Making Requests and suggestions; Expressing Greetings, Apologies and Gratitude Job Interviews, Group Discussions, Presentation Skills
Module IV	<b>Reading Comprehension</b>	Introduction, Reading Process, Reading different kinds of Texts, Reading Methods- Using KWL for reading comprehension
Module V	<b>Effective Written Communication</b>	Constituents of Effective Writing, Coherence and Cohesion for effective writing
Module VI	<b>Business Correspondence</b>	Letter writing, Resume/CV, E mails for Communication, Writing Reports, Describing Tables and Charts, Meetings: Agenda and Minutes

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## DCA-2-01T: E-Commerce

Total Marks: 100  
External Marks: 70  
Internal Marks: 30  
Credits: 6  
Pass Percentage: 40%

<b>Course: E-Commerce</b>	
<b>Course Code: DCA-2-01T</b>	
<b>Course Outcomes (COs)</b> After the completion of this course, the students will be able to:	
<b>CO1</b>	Gain a solid understanding of the basic concepts, models, and frameworks of e-commerce, including its history, development, and current trends.
<b>CO2</b>	Learn about the various technologies that support e-commerce, such as online payment systems, security protocols, and e-commerce platforms
<b>CO3</b>	Analyze different e-commerce business models
<b>CO4</b>	Understand E-payment system and on-line business transactions
<b>CO5</b>	Understand the importance of security in e-commerce transactions

### Detailed Contents:

Module	Module Name	Module Contents
<b>Module 1</b>	<b>Introduction to E-Commerce</b>	Meaning and concept, Types of E-Commerce, Importance in the context of today's business, technical components, functions, advantages of E-commerce as compared with traditional system of commerce, disadvantages and scope of E-Commerce, difference between E-commerce and E-business, Internet and its relation to E-commerce. State of E-commerce in India, Problems and opportunities of E-commerce in India.
<b>Module II</b>	<b>Framework of E-Commerce:</b>	B2B, B2C, C2C, and C2B. Supply Chain Management, product and service digitization; Planning Online-Business: Web sites as market place, E-commerce, pure online vs. brick and click business.
<b>Module III</b>	<b>Operations of E Commerce: Electronic Payment Systems:</b>	Special features required in payment systems for E-commerce, Types of E-payment system; cash and currency servers, E-cheques, credit cards, smart cards, electronic purses and debit cards, Digital Cash, Electronic Cheque, Smart Card, Credit/Debit Card E-Money, Bit Coins and Crypto currency, Electronic Fund Transfer (EFT), Unified Payment Interface (UPI), Immediate Payment System (IMPS), Digital Signature and Certification Authority. Risk management options for E-payment systems.
<b>Module IV</b>	<b>Electronic Data</b>	Benefits of EDI, EDI technology, EDI standards, EDI communications, EDI Implementation, EDI

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	<b>Interchange (EDI)</b>	Agreements, EDI Security. Electronic Payment Systems, Need of Electronic Payment System: Study and examine the use of Electronic Payment system and the protocols used, Study Electronic Fund Transfer and secure electronic transaction protocol for credit card payment. Digital economy: Identify the methods of payments on the net – Electronic Cash, cheques and credit cards on the Internet.
<b>Module V</b>	<b>Legal and Regulatory Environment</b>	Introduction to Cyber Laws-World Scenario, Cyber-crime & Laws in India and their limitations, Hacking, Web Vandals, E-mail Abuse, Software Piracy and Patents. Taxation Issues, Protection of Cyber Consumers in India and CPA 1986, Importance of Electronic Records as Evidence.
<b>Module VI</b>	<b>Security Issues in E-Commerce</b>	Risk management approach to Ecommerce Security - Types and sources of threats, Protecting electronic commerce assets and intellectual property. Security Tools, Client server network security, Electronic signature, Encryption and concepts of public and private key infrastructure

### Books

<ol style="list-style-type: none"> <li>1. Ravi Kalakota, Andrew Winston, "Frontiers of Electronic Commerce", Pearson Education.</li> <li>2. Jeffery F. Rayport, Bernard J. Jaworski, "E-commerce", TMCH, 2002.</li> <li>3. E. Frami Turban, JAE Lee, David King, K. Michale Chung, "Electronic Commerce", Pearso Education, 2000.</li> <li>4. Elias. M. Awad, "Electronic Commerce", Prentice-Hall of India Pvt Ltd.</li> <li>5. Ravi Kalakota, Andrew B. Whinston, "Electronic Commerce-A Manager's guide", Addison-Wesley.</li> <li>6. Efraim Turban, Jae Lee, David King, H. Michael Chung, "Electronic Commerce-A Managerial Perspective", Addison-Wesley.</li> <li>7. Elias M Award, "Electronic Commerce from Vision to Fulfilment", 3<sup>rd</sup> Ed., PHI.</li> <li>8. Judy Strauss, Adel El-Ansary, Raymond Frost, "E-Marketing", 3<sup>rd</sup> Ed., Pearson Education.</li> </ol>
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A collection of handwritten signatures and initials in red and blue ink, scattered across the bottom of the page. Some are simple initials, while others are more elaborate signatures. One signature in blue ink includes the date '9/5/24'.

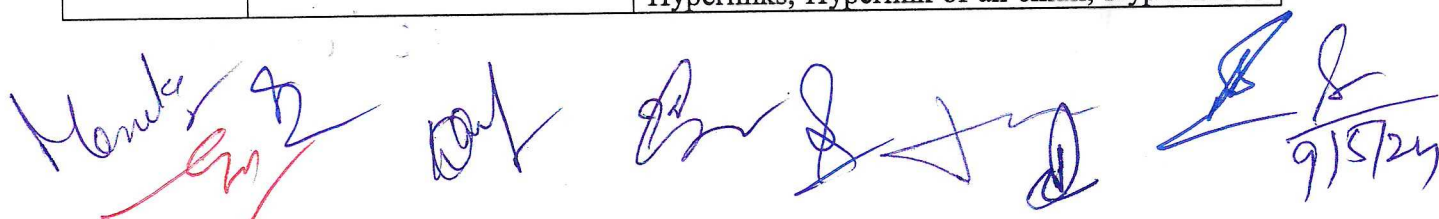
## DCA-2-02T: Web Designing & Development

Total Marks: 100  
 External Marks: 70  
 Internal Marks: 30  
 Credits: 6  
 Pass Percentage: 40%

<b>Course: Web Designing &amp; Development</b>	
<b>Course Code: DCA-2-02T</b>	
<b>Course Outcomes (COs)</b>	
After the completion of this course, the students will be able to:	
<b>CO1</b>	Understand characteristics of a website.
<b>CO2</b>	Understand web Programming Technologies: Programming Languages, Frameworks, Libraries, Databases
<b>CO3</b>	Learn about design principles such as layout, typography, color theory, and user experience (UX) design, and how these principles apply to web design.
<b>CO4</b>	Learn how to use graphics and multimedia elements, such as images, videos, and animations, to enhance the visual appeal and interactivity of websites.
<b>CO5</b>	Gain practical experience with web development tools and frameworks, such as Bootstrap, jQuery, and AngularJS, to streamline the development process and enhance website functionality.

### Detailed Contents:

Module	Module Name	Module Contents
<b>Module 1</b>	<b>Introduction to Web Programming</b>	Basic Concepts of WWW, Web page, Hyper Text Markup Language (HTML), Hypertext and Hypermedia, Hypertext Transfer Protocol, Server, Web Browsers, Uniform Resource Locator (URL), Domain Name, IP Address or Number, Characteristics of a Website.
<b>Module II</b>	<b>Web Programming</b>	Client-Side Scripting, Server-Side Scripting, Static and Dynamic Websites, Frontend and Backend Development, Web Application Process Model, Web Programming Technologies: Programming Languages, Frameworks, Libraries, Databases
<b>Module III</b>	<b>HTML</b>	Introduction, HTML Tags, HTML DOM, developing a Web Page, Commonly Used HTML Tags: Header and Footer, Text Formatting, Paragraphs, Text Style, Lists and Bullets, Creating Tables in HTML, Components of table, Border Attribute, Width and Height Attribute, Align Attribute, Cell Padding and Cell Spacing Attributes, Column Span and Row Span Attributes, Inserting Images in HTML, Hyperlinks, Hyperlink of an email, Hyperlink to


  
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		another browser page, HTML Multimedia, HTML Plugins, HTML Forms
<b>Module IV</b>	<b>JavaScript-I</b>	Introduction, JavaScript Syntax, JavaScript Program, JavaScript Variables, JavaScript Operators, JavaScript Data Types, JavaScript Functions, JavaScript Variable Scope: Global Scope, Local Scope, JavaScript Strings: String Length, Special Characters, Breaking Long Code lines, JavaScript Arrays: Converting Array to String, Popping and Pushing
<b>Module V</b>	<b>JavaScript - II</b>	Introduction, JavaScript Switch, JavaScript Loops, JavaScript Events, JavaScript Forms, JavaScript - III: Introduction, DOM Introduction, DOM Methods, DOM Document, DOM Events, JavaScript Window Screen, JavaScript Window Location, JavaScript Window Navigator, JavaScript Popup Boxes
<b>Module VI</b>	<b>AngularJS</b>	Introduction, AngularJS Development Environment, Expressions in AngularJS, AngularJS Directives, Data Binding, AngularJS Model Modes, One Way Binding, Two Way Binding, AngularJS Controller, AngularJS Scope, AngularJS Filters, AngularJS Forms

### Books

<ol style="list-style-type: none"> <li>1. Steven A. Gabarro, "Web Application Design and Implementation", Wiley, 2006</li> <li>2. Thomas A. Powell, "HTML: The Complete Refence", McGraw-Hill</li> <li>3. Pankaj Sharma, "Web Technology", Sk Kataria &amp; Sons Bangalore 2011.</li> <li>4. Mike Mcgrath, "Java Script", Dream Tech Press 2006, 1<sup>st</sup> Ed.</li> <li>5. Achyut S Godbole &amp; Atul Kahate, "Web Technologies", 2002, 2<sup>nd</sup> Ed.</li> <li>6. Laura Lemay, Rafe Colburn, Jennifer Kyrnin, "Mastering HTML, CSS &amp; Javascript Web Publishing", 2016.</li> <li>7. DT Editorial Services (Author), "HTML 5 Black Book (Covers CSS3, JavaScript, XML, XHTML, AJAX, PHP, jQuery)", Paperback 2016, 2<sup>nd</sup> Ed.</li> <li>8. C. Xavier, "World Wide Web Design with HTML", TMH Publishers, 2001.</li> <li>9. Wendy Willard, "A Beginners Guide HTML", Tata McGraw Hill, 2009, 4<sup>th</sup> Ed.</li> </ol>
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A collection of handwritten signatures and initials in blue and red ink. At the top left, there are red initials 'G/S'. In the center, there are several blue signatures, including one that looks like 'Am 2' and another that looks like 'Monke'. At the bottom right, there is a blue signature and the date '9/5/24' written in blue ink.



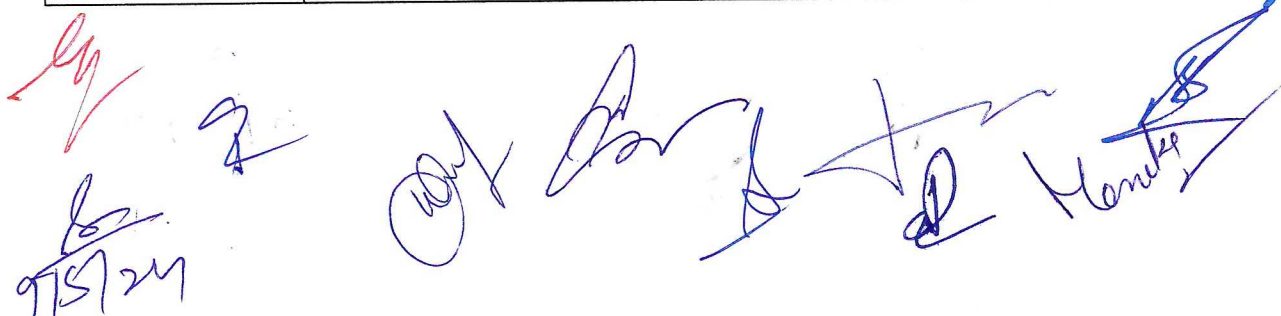
## DCA-2-02P: Web Designing & Development Lab

Total Marks: 50  
External Marks: 35  
Internal Marks: 15  
Credits: 2  
Pass Percentage: 40%

<b>Course: Web Designing &amp; Development Lab</b>	
<b>Course Code: DCA-2-02P</b>	
<b>Course Outcomes (COs)</b>	
After the completion of this course, the students will be able to:	
<b>CO1</b>	Understanding of the structure and syntax of HTML, including elements, attributes, and how to create well-formed HTML documents.
<b>CO2</b>	Create basic web pages using HTML, including adding text, images, links, lists, tables, forms, and other elements.
<b>CO3</b>	Understand the fundamentals of JavaScript programming, including variables, data types, operators, and control structures, and be able to use JavaScript to create interactive and dynamic web content.
<b>CO4</b>	Develop client-side scripts using JavaScript to enhance the functionality and interactivity of web pages.
<b>CO5</b>	Understanding of the core concepts of AngularJS, including directives, controllers, services, filters, and modules.

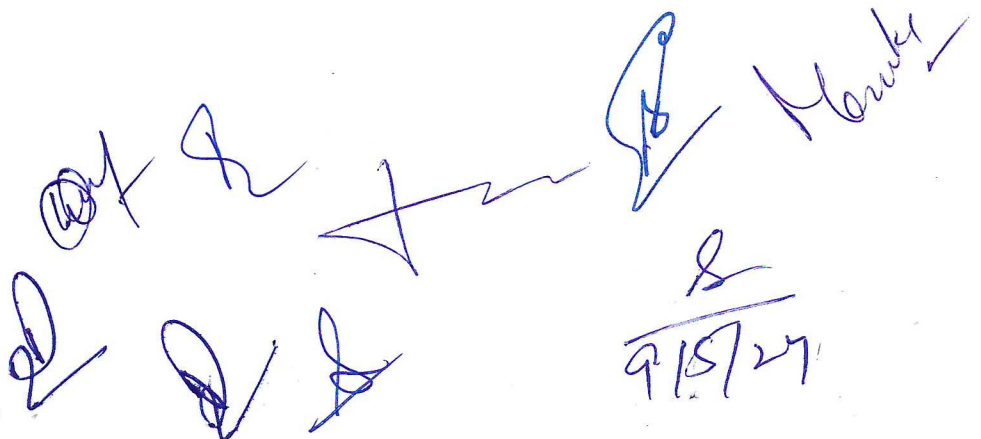
### Detailed about Experimental Tasks:

<b>Experimental Task No.</b>	<b>Experimental Description</b>
T1	Write simple steps to create a basic HTML document
T2	Design a page having suitable background colour and text colour with title "My First Web Page" using all the attributes of the Font tag.
T3	Create a HTML document giving details of your [Name, Age], [Address, Phone] and [Register Number, Class] aligned in proper order using alignment attributes of Paragraph tag
T4	Write HTML code to design a page containing some text in a paragraph by giving suitable heading style.
T5	Write HTML code to create a Web Page that contains an Image at its centre.



T6	Create a web page with an appropriate image towards the left-hand side of the page, when user clicks on the image another web page should open
T7	Create web Pages using Anchor tag with its attributes for external links.
T8	Create a web page for internal links; when the user clicks on different links on the web page it should go to the appropriate locations/sections in the same page
T9	Write a HTML code to create a web page with pink color background and display moving message in red color
T10	Create a web page, showing an ordered list of all second semester courses
T11	Create a web page, showing an unordered list of names of all the PG Programmes (Schools wise) in JGND PSOU, Patiala
T12	Create a HTML document containing a nested list showing a content page of any book.
T13	Create a web page which divides the page in two equal frames and place the audio and video clips in frame-1 and frame-2 respectively.
T14	Create a web page using Embedded CSS and Multimedia
T15	Create web pages to understand and use to validate user inputs. Validate the Registration, user login, user profile and payment by credit card pages using JavaScript
T16	Create Student record and Perform following Operations: Design a form and insert data into database. <b>Add Record, delete and edit, Search Record.</b>
T17	Create web pages to learn how to navigate between web pages and servers.
T18	Develop Angular JS program to create a login form, with validation for the user name and password fields.

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