LESSON PLAN
Session: 2025-26 (ODD SEM)

Name of Teacher- Tanu Batra
Class-
Subject- Value Added Course under NEP

WEEKS	SYLLABUS
Week1	Introduction & Evolution of Digital Systems: Role & Significance of Digital Technology; Information and Communication Technology (ICT) & Tools
Week2	Computer System &its working, Software and its types
Week3	Operating Systems: Types and Functions. Problem Solving: Algorithms and Flowcharts
Week4	Communication Systems: Principles, Model & Transmission Media
Week5	Computer Networks & Internet: Concepts & Applications, WWW, Web Browsers, Search Engines
Week6	Messaging, Email, Social Networking. Computer Based Information System: Significance & Types.
Week7	E-commerce & Digital Marketing: Basic Concepts, Benefits & Challenges
Week8	Emerging Technologiesand their applications:Overview of Artificial Intelligence, Machine Learning
Week9	Deep Learning; Big Data, Data Science and Big Data Analytics; Internet of Things (IoT) and Industrial Internet of Things (IIoT),
Week10	Robotics and 3D Printing; Blockchain Technology; Quantum Computing; Cloud computing and its service models
Week11	Digital India & e-Governance: Initiatives, Infrastructure, Services and Empowerment.
Week12	Digital Financial Tools: Unified Payment Interface, AadharEnabled Payment System, USSD, Credit / Debit Cards,
Week13	e-Wallets, Internet Banking, NEFT/RTGS and IMPS, Online Bill Payment and POS.
Week14	Cyber Security: Threats, Significance, Challenges, Precautions, Safety Measures and Tools.
Week15	REVISION OF WHOLE SYLLABUS
Week16	REVISION OF WHOLE SYLLABUS

LESSON PLAN
Session: 2025-26 (ODD SEM)

Name of Teacher- Tanu Batra
Class- 1st Sem
Subject- Multidisciplinary Course

WEEKS	SYLLABUS
Week1	**Introduction**: Historical evolution of computers,Classification of computers, Block Diagram along its components and characteristics,
Week2	Usefulness of Computers. Human being Vs. Computer, Applications of computers in various fields.
Week3	**Input/Output Devices**: Keyboards, mouse, joysticks, trackballs, digitizer, voice-recognition, optical-recognition
Week4	Scanners, terminals, point-of-sale terminals, machine-vision systems, Printer & its types
Week5	**Memory & Mass Storage Devices**: Characteristics of memory systems, types of memory, RAM, ROM, magnetic disks-floppy disk, hard-disk;
Week6	Optical disks; Magnetic tapes; Concepts of Virtual and Cache memory
Week7	**Operating System:** Functions, Measuring System Performance, Assemblers, Compilers and Interpreters
Week8	Batch Processing, Multiprogramming, Multi Tasking, Multiprocessing, Time Sharing, DOS, Windows, Unix/Linux.
Week9	**Data Communication:** Communication Process, Data Transmission speed, Communication Types (modes), Data Transmission Medias, Modem and its working, characteristics
Week10	Types of Networks, LAN topologies, Computer Protocols, Concepts relating to networking.
Week11	**Internet:** Introduction to Internet, WWW and Web Browsers; Applications of Internet; connecting to internet; What is ISP?
Week12	**Internet:** Introduction to Internet, WWW and Web Browsers; Applications of Internet; connecting to internet; What is ISP?; Search Engines; Understanding URL; Domain name; IP Address; Web page, Website and home page.
Week13	**Electronic Mail:** Introduction, advantages and disadvantages, User Ids, Passwords, e-mail addresses, message components, message composition, Web Browsers and search engines.

Week14	**Business Data Processing:** Introduction, data storage hierarchy, Method of organizing data, File Types, File Organization, File Utilities.
Week15	Revision of whole syllabus
Week16	Revision of whole syllabus

LESSON PLAN
Session: 2025-26 (ODD SEM)

Name of Teacher- Tanu Batra
Class- 3rd Sem
Subject- Multidisciplinary Course (Web Designing)

WEEKS	SYLLABUS
Week1	Concept of web design : Web Servers,Hypertext Transfer Protocol,URL,Searching and web casting Techniques
Week2	Search Engine and Search Tools ,Domain Name System,, HomePage, Web page and Website
Week3	Web publishing : Hosting your Site,Interner Service Provider ,Phases of planning and designing your website
Week4	Steps for developing your Site, Choosing the contents
Week5	Web Development : Introduction to HTML : Hypertext and HTML : HTML Document Features : HTML command tags
Week6	Headers ,Text Styles ,Text Structuring ,text color and background Formatting text
Week7	List : definition and types of Lists-Ordered and Unordered ,Table Creation and Layouts, Images ,Inserting Graphics
Week8	Frame Creation and Layouts: Creating Links ,Working with Forms and Menus,Working with Radio Buttons
Week9	Check Boxes, Text Boxes, Page layouts
Week10	Cascading Style Sheets: Basic Concepts,Properties,Creation of Style Sheets,Common Tasks with CSS
Week11	Text ,Fonts, Margins ,Links, Tables, Colors , Marquee, Mouse over ,Filters and Transitions, Adding Links
Week12	Adding tables ,Adding Forms ,Adding Image and Sound,Use of Css in HTML Documents .
Week13	Linking and Embedding of CSS in HTML
Week14	Revision of whole syllabus
Week15	Revision of whole syllabus