



**Netaji Subhash Chander Bose Memorial
Govt. College, Hamirpur,
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School of Computer Applications

Teaching Plan Odd Semester Session (2024-2025)

Class: BCA-1st

Subject: Computers Fundamentals

Course Code: BCA0103

Name of the Teacher: Prof. Pankaj Kumar

Period: 2nd (12:10PM-12:50PM)

Room No: 261(Monday to Saturday)

S. No	Aims to be completed	Topics to be covered
Week 1	25-07-2024	Orientation Programme.
	26-07-2024 to 27-07-2024	Characteristics of Computers, Evolution of Computers, Capabilities And Limitations of Computers.
Week 2	29-07-2024 to 03-08-2024	Generations of computers, Types of computers(micro, mini, main frame, supercomputers), Block diagram of computer ,Basic components of a computer system Input unit, output unit, Arithmetic logic Unit, Control unit, Central Processing Unit, Instruction Set, Registers, Processor Speed, Type Of Processors.
Week 3	05-08-2024 to 10-08-2024	Input Devices: Keyboard, Pointing Devices0mouse, Touch Screens, Joystick, Electronic Pen, Trackball
Week 4	12-08-2024 to 17-08-2024	Scanning Devices-Optical Scanners, OCR, OMR, Bar Code Readers, MICR, Digitizer
Week 5	19-08-2024 to 24-08-2024	Electronic Card Reader, Image Capturing Devices-Digital Cameras.
Week 6	26-08-2024 to 31-08-2024	Output Devices- Monitors CRT, LCD/TFT, Printers- Dot Matrix, Inkjet, Laser, Plotters- Drum, Flatbed, Screen Image Projector.
Week 7	02-09-2024 to 07-09-2024	Computer Software: Software and its Need
Week 8	09-09-2024 to 04-09-2024	Types Of Software System Software, Application Software
Week 9	16-09-2024 to 21-09-2024	System Software Operating System, Utility Program, Programming Languages, Assemblers, Compilers And Interpreter

Week 10	23-09-2024 to 28-09-2024	Introduction To Operation System For Pcs-DOS, Windows, Linux, File Allocation Table (FAT & FAT32),
Week 11	30-09-2024 to 05-10-2024	Mid Semester Examination
Week 12	07-10-2024 to 12-10-2024	Files & Directory Structure And Its Naming Rules, Programming
Week 13	14-10-2024 to 19-10-2024	Languages Machine, Assembly, High Level, 4GL, Their Merits And Demerits
Week 14	21-10-2024 to 28-10-2024	Application Software And Its Types – Word Processing, Spreadsheet, Presentation Graphics
Week 15	29-10-2024 to 02-11-2024	Diwali Break
Week 16	04-11-2024 to 09-11-2024	Revision , Student’s Presentation and Doubt Clearing Session, Remedial Classes
Week 17	11-11-2024 onward	Practical and Term End Examination