

Department of Computer Engineering
Atal Bihari Vajpayee Govt. Institute of Engineering & Technolog,
Pragatinagar, Gumma (H.P) – 171202

LESSON PLAN
(for Theory)

| | |
|----------------------|----------------------------|
| Program Name | Electrical Engineering |
| Subject Name | Introduction to IT Systems |
| Subject Code | ES102 |
| Semester | 2 nd |
| Subject Teacher Name | Er. Sweety Rangta |

Evaluation Scheme

| Sr. No. | Subject Name | Study Scheme (Hrs/Week) | | Marks in Evaluation Scheme | |
|-----------------|--|-------------------------|----|----------------------------|------------------|
| | | Th | Pr | Internal Assessment | External Asement |
| 1 | Introduction to IT Systems | 02 | – | 40 | 60 |
| Reference Books | 1. https://www.javatpoint.com/computer-components | | | | |
| | 2. https://www.youtube.com/watch?v=jzvMjRTmlt8 | | | | |
| | 3. Introduction to IT SYSTEMS , True –Edu Publications | | | | |

Course Outcomes (COs)

At the end of the course the students will be able to comfortably work on computer, install and configure operating system, assemble a PC and connect it to external devices, write documents, create worksheets, protect information and computers from basic abuses and attacks

Teaching Plan

| Unit No. | Topic | Proposed Dates | Actual Dates | Remarks |
|----------|--|----------------|--------------|---------|
| 1 | Block Diagram of Computer System | Jan 28, Jan 31 | | |
| | General Understanding of CPU | Feb 4 | | |
| | General Understanding of Memory | Feb 7 | | |
| | Display Devices | Feb 11 | | |
| | Keyboard, Mouse, HDD | Feb 14 | | |
| | Revision – Unit 1 | Feb 18 | | |
| 2 | Software and its Types | Feb 21, Feb 25 | | |
| | Types of Operating System | Feb 28 | | |
| | Functions of Operating System | Mar 4 | | |
| | Booting: Cold & Warm Booting | Mar 7 | | |
| | Revision – Unit 2 | Mar 11 | | |
| – | Class Test – 1 (Units 1 & 2) | Mar 14 | | |
| 3 | Web Browser & Search Engine | Mar 18 | | |
| | World Wide Web | Mar 21 | | |
| | Types of Networks | Mar 25, Mar 28 | | |
| | Govt. & Institute Portals | Apr 1 | | |
| | Revision – Unit 3 | Apr 4 | | |
| 4 | File Management | Apr 8 | | |
| | Editing Documents | Apr 11 | | |
| | Home Ribbon | Apr 15 | | |
| | Insert & Design Layout | Apr 18, Apr 22 | | |
| | Revision – Unit 4 | Apr 25 | | |
| – | Class Test – 2 (Units 3 & 4) | Apr 29 | | |
| 5 | Working with Spreadsheets | May 2 | | |
| | Data Entry & Merging Cells | May 6 | | |
| | Formula Bar & Functions | May 9, May 13 | | |
| | Conditional Formatting | May 16 | | |
| | Revision – Unit 5 | May 20 | | |
| 6 | Online Frauds & Threats | May 23 | | |
| | Virus & Antivirus | May 26 | | |
| – | House Test (All Units) | May 13 | | |
| | Final Revision – Unit 6 + Overall | May 27 | | |

Assignment

| Assignment No | Contents of Syllabus Covered | Proposed Date | Actual Date | Remarks |
|---------------|------------------------------|----------------|-------------|---------|
| A-1 | Unit -1 and Unit - 2 | March 01, 2026 | | |
| A-2 | Unit-3 and Unit-4 | April 02, 2026 | | |
| A-3 | Unit-5 and unit-6 | May 07, 2026 | | |

House Test/Class Test

| Name of Test | Syllabus for Test | Proposed Date | Actual Date | Remarks |
|----------------|-------------------|--------------------------------|-------------|---------|
| Class Test - 1 | Unit -1,2,3 | As per HPTSB Academic Schedule | | |
| Class Test - 2 | Unit 4 ,5 | | | |
| House Test - 1 | Unit-1,2,3,4,5,6 | | | |


Signature of Course Teacher with Name

(Suresh Raut)


Approved By
OIC/HOD/Principal