

CLASS-3

April 2024

No. of teaching days – 20 days

Topic -Introduction to Computer (Lesson- 1)

No. of days required to complete the topic – 4 days

Learning outcomes ->

- 1) Knowledge objective - Students will be able to learn about features and IPO cycle of a computer.
- 2) Understanding objective - Students will be able to differentiate between input and output devices.
- 3) Application objective - Students will be able to Understand How does a computer work.
- 4) Skill objective - Students will be able to learn different types of Computers.

Previous Knowledge testing - Students will be asked about major parts of computer (Monitors, mouse, keyboard, CPU) and uses of Computer. (Solving sums, playing games, sending and receiving emails, audio and video calling and searching for information.

Teaching aids -chalk, duster, board lab, books.

Pedagogical Strategies- The teacher will explain Features of computer speed, Storage, versatility, diligence and accurate Definitions of Input Process output will be done. Different types of Computers (Microcomputer, Mainframe Computer, Supercomputer) will be discussed IPO model with examples will be discussed and Some important Keywords GIGO, IPO, CPU, PC will also be discussed and some Important keyword GIGO, IPO, CPU, PC, will also be discussed. Lesson will be read by student's important definitions will be underlined.

Experiential learning- Hands on activity students will do this activity in the class (related to IPO cycle)

Art integration - The students will be taken to computer lab to show how open Notepad. Steps to open Notepad are

Start -> windows accessories -> Notepad

Inter disciplinary linkages and infusion of life skills - Students have done the activity, match the computer with their correct names by doing, this activity students are able to which understand type of computer it is.

Recapitulation - will be done oral revision will be given

Resources including, ICT, Information and Communication technology - Books,Internet links -

1) [www.Youtube.com watch ? V = FCRjyGT2LWS](https://www.youtube.com/watch?v=FCRjyGT2LWS)

2) [www.Youtube.com /watch?V = G1eKpCon10g](https://www.youtube.com/watch?v=G1eKpCon10g)

Assessment items - To check the conceptual clarity, Various type of assessments will be done. Exercise in the book will be done Question, Answer in the book

Feedback and Remedial Teaching – Students will be encouraged to read the lesson carefully practice of spellings also

Inclusive Practices and full participation with discrimination –

- 1) Lab Activity
- 2) Reading books
- 3) Group discussion

CLASS-3

May 2024

No. Of Teaching days – 25

Topic - Use of computers in different fields (L-2)

No. of days required to complete the topic - 4

Learning outcomes-

- 1) Knowledge Objective -students will able to learn different fields where computers are Used.
- 2) Understanding objective - students will able to understand the various uses of computer.
- 3) Application objective - Students will be able to Understand the Various uses of computers.
- 4) Skill objective - Students will be able to Learn about different types of computers like desktop, laptop, Palmtop Computer etc.

Previous Knowledge testing – student will be asked about features of a computer and Uses of Computer in different fields.

Teaching aids - computer lab , books, duster, board,chalk.

Pedagogical Strategies - The Teacher will explain features of Computer like speed, accuracy, storage, consistency and reliability also. Definitions of destop comp,Laptop computer and palmtop comp will be done.Some important keywords ATM and Email will also be discussed. Important lesson will be read by students. Important definition will be underlined.

Experiential learning Hands on activity - students will do this activity in the class Identify and write the names of the places.

Art integration - The students will be taken to computer lab to show how open Notepad and types of names of any ten places where computer is used.

Inter disciplinary linkages and infusion of life skills – Student will discuss the role of computer in everyday life and talk about the places where you and yous family members use computer.

Uses of computer in different field

Recapitulation - will be done oral revision will be given

Resources including, ICT, Information and Communication technology - Books,Internet links -

- 1) www.Youtube.com watch ? V = FCRjyGT2LWS

Assessment items - To check the conceptual clarity, Various type of assessments will be done. Exercise in the book will be done Question, Answer in the book.

Feedback and Remedial Teaching – Students will be encouraged to read the lesson carefully

Inclusive Practices and full participation with discrimination –

- 1) Lab Activity
- 2) Reading books
- 3) Group discussion

CLASS-3

July 2024

No. Of Teaching days - 18

Topic – Computer Hardware and Software.

No. of days required to complete the topic - 4

Learning outcomes-

- 1) Knowledge Objective -students will able to learn about computer hardware and software.
- 2) Understanding objective - students will able to understand the need of software.
- 3) Application objective - Students will be able to Understand the need of software.
- 4) Skill objective - Students will be able to Learn about difference b/w hardware and software.

Previous Knowledge testing - Students will be asked about IPO cycle (Input, process, output)

Teaching aids - computer lab , books, duster, board, chalk.

Pedagogical Strategies - The Teacher will explain features of Computer Hardware and software

And the difference b/w input and output devices, storage devices, Processing devices. Types of software (system software and application software) will be discussed. Some important keywords RAM, Rom, ALU, CU CPU.VDU will also be discussed. Lesson will be read by students. Imp. definitions will be Underlined.

Experiential learning Hands on Activity - Students will Computer Hardware and software about difference b/w hardware and software student will do this activity

(Paste pictures of Input devices and output devices on 'Au Sheet) Input devices

Art integration - The students will be taken to computer lab to show how open Notepad and make a list of all comp applications installed on the computer and after that click file >save option and click the close button to exit Notepad.

Inter disciplinary linkages and infusion of life skills – Student will do this activity to identify the input, output and storage devices and match them with their correct group.

Recapitulation - will be done oral revision will be given

Resources including, ICT, Information and Communication technology - Books,Internet links -

- 1) <http://www.comphope.com/jargon/s/software.htm>

Assessment items - To check the conceptual clarity, Various type of assessments will be done. Exercise in the book will be done Question, Answer in the book will be done.

Feedback and Remedial Teaching – Students will be encouraged to read the lesson carefully and do practice of spelling also.

Inclusive Practices and full participation with discrimination –

- 1) Lab Activity
- 2) Reading sooks
- 3) Group discussion

CLASS-3

August 2024

No. Of Teaching days - 24

Topic – The operating system window 10.

No. of days required to complete the topic - 4

Learning outcomes-

- 1) Knowledge Objective -students will able to learn about different operating system.
- 2) Understanding objective - students will able to understand the role of operating system.
- 3) Application objective - Students will be able to learn recognise and locate the component of window to desktop.
- 4) Skill objective - Students will be able to understand the role of operating system.

Previous Knowledge testing – student will be asked about view and arrange icons on the desktop and change background picture of the desktop.

Teaching aids - computer lab, books, duster, board, chalk.

Pedagogical Strategies - The Teacher will explain basic features of operating system. View icon in large, medium and small size will be done. arranging icon on the desktop and changing desktop wallpaper will also be discussed. Some important keywords GUI, booting, icon, desktop, wallpaper and window will be read by student. Important definition will be underlined.

Experiential learning Hands on Activity - Students will discuss the feature of window operating system and role of operating system. In comp student will do this activity to write the steps to change the background picture of the desktop and arrange these steps in the correct order by putting numbers. The student will discuss common operating system. Microsoft windows, Max OX and Linux.

Art integration - The students will be taken to computer lab to show how change the background picture of the desktop. Apply colour for the desktop background. By choosing the option colour under background and also select different colours background colour.

Inter disciplinary linkages and infusion of life skills – Student will do this activity to identify the part of comp and write its name in correct column.

Recapitulation - will be done oral revision will be given.

Resources including, ICT, Information and Communication technology - Books, Internet links –

- 1) www.tutorialpoint.com/windows10

Assessment items - To check the conceptual clarity, Various type of assessments will be done. Exercise in the book will be done Question, Answer in the book will be done.

Feedback and Remedial Teaching – Students will be encouraged to read the lesson carefully and do practice of spelling also.

Inclusive Practices and full participation with discrimination –

- 1) Lab Activity
- 2) Reading books
- 3) Group discussion

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September 2024

Revision of Lesson-1(Introduction to computer)

Revision of Lesson-2 (Use of computer in different fields)

Revision of Lesson-3 (Computer Hardware and software)

Revision of Lesson-4 (The operating system-window 10)

HALF YEARLY EXAM

