Bhartiya Vidya Mandir Sen. Sec. School,Sector 39, Chandigarh Road, Ludhiana

CLASS - III SYLLABUS – COMPUTER Session 2024-2025

BOOK:

CLICK CODE CONNECT

Month	Unit/Chapter/Topic	Learning Objective	Resources/ E- Content	Learning Outcomes Skill learnt by students
APRIL	CH-1 COMPUTER FUNDAMENTALS	learn the basic components of a computer along with their functions; differentiate input, output and storage devices; describe various memory accessing modes; explain different ports used to connect various components of a computer; classify computers.	https://youtu.be/W3jc0JHwZlQ?si=WFL6lgpcKdYXZvZ4 LAB ACTIVITY	Understanding the model, components, and working of a computer. Understanding the concept of input and output devices of computers in detail,RAM, ROM, and their types, structure, types, and design of operating systems. Identifying types of computer hardware and software.
MAY	CH-2 OPERATING SYSTEM BASICS	To provide users a convenient interface to use the computer system. To act as an intermediary between the hardware and its users, making it easier for the users to access and use other resources. To manage the resources of a computer system.	https://youtu.be/77qNDllidhQ?si=G9DOc9lGnKDFj_D3 LAB ACTIVITY	know basic components of an operating system. comprehend how an operating system virtualises CPU and memory. discuss various scheduling and swapping policies.
JUNE	SUMMER HOLIDAYS			

JULY	**CH-3 INTRODUCTION TO PAINT 3D**	The software lets you insert stickers, textures, and shapes that can be planted directly onto a 3D model. You can also make your own Paint 3D stickers from image files. 2D objects can be "converted" into 3D objects using only the built-in tools. Both 2D and 3D text can be created.	LAB ACTIVITY	https://youtu.be/oBpIdp-KMHY?si=4ZuBAnIanm_jXjZv	*recognize three-dimensional shapes, including cones, cubes, cylinders, and rectangular prisms on paper and in their environment. *understand that shapes can be composed and decomposed to make new shapes. create composite shapes. *describe attributes of original and composite shapes.
AUGUST	**CH-4 INTRODUCTION TO WORD 2016**	Word 2016 is designed to help you create professional-quality documents. Word can also help you organize and write documents more efficiently. When you create a document in Word, you can choose to start from a blank document or let a template do much of the work for you.	LAB ACTIVITY	https://youtu.be/S-nHYzK-BVg?si=_zqHonnEcnyFx7Mt	*Use basic features such edit a document, navigate, select and modify text. *Edit formatting text and paragraphs. *Add tables. *Manage list such as renumbering and customising list. *Apply a Page Border and Colour.
SEPTEMBER	**TERM-I**				
OCTOBER	**CH-5 FORMATTING TEXT IN WORD 2016**	Set paragraph alignment, indentation, and spacing. Set tabs. Add headers and footers to a document. Apply a theme to a document.	LAB ACTIVITY	https://youtu.be/BsXagYXxOzk?si=uX73PwVZn1UGvz3Q	*Navigate and perform common tasks in Word, such as opening, viewing, editing, saving, and printing documents, and configuring the application. *Format text and paragraphs. *Perform repetitive operations efficiently using tools such as Find and Replace, Format Painter, and Styles.

NOVEMBER	**CH-6 INTRODUCTION TO SCRATCH 3.0 CH-7 MORE ABOUT SCRATCH**	Scratch promotes computational thinking and problem solving skills; creative teaching and learning; self-expression and collaboration; and equity in computing.	LAB ACTIVITY	https://youtu.be/JcOcxKWgnps?si=vfA8kJZXLeOUmNqT	Understand the basics of coding and computational thinking. Describe the 4 areas of computational thinking. List visual programming languages that can be used in the classroom. Understand the difference between unplugged and plugged activities. Be comfortable using Scratch software.
DECEMBER	**CH-8 FILE MANAGEMENT**	1. Create folders and subfolders. 2. Locate files. 3. Delete and rename files. 4. Copy files.	LAB ACTIVITY	https://youtu.be/ZXelW1BleFg?si=0Nz4OD2dsm6RQPBN	The main objectives of file management in an operating system (OS) are: File organization: To provide a logical and efficient way of organizing files and folders, so that they can be easily located and accessed by users.
JANUARY	**CH-9 THE INTERNET AN INTRODUCTION**	The Internet connects computers all around the world through a vast global network. It makes it possible for data to be transferred among two or more computers linked via a network. As a result, the internet makes it easier to send communications via chat, audio, video conferencing, etc.	LAB ACTIVITY	https://youtu.be/UXsomnDkntI?si=8s3xdIvs8zD3yWei	understand the idea of a 'digital world' explain the role of computing and information technology (IT) in a digital world. understand the importance of keeping safe online. understand how the use of online search engines can influence your beliefs and actions.
FEBRUARY	**FINAL TERM**				