



Month	April	May	June	July
Concept	Types of Computer and Languages Services on the Internet	Services on the Internet Features in a Presentation slide	Editing and Formatting data in Google sheets. Introduction to HTML	Introduction to CSS
Learning Outcomes	Students will be able to: <ul style="list-style-type: none"> • Categories computers based on shape,size and function. • Classify Programming languages based on different generations. • Compare Interpreter , Compiler and Assembler. • Define Internet and its advantages /disadvantages. • Enlist some popular services on the Internet. 	Students will be able to: <ul style="list-style-type: none"> • Classify some potential threats of using Internet. • Apply animation to the objects of the slide. • Apply transitions in the presentation. • Implement the action button in the slides. • Import slide from one presentation to current presentation and add comments to the slide . 	Students will be able to: <ul style="list-style-type: none"> • Identify the components of Google sheet. • Edit the cell data in the Google sheet. • Apply formatting the google sheet. • Comprehend HTML and its structure . • Classify the basic terminologies in HTML 	Students will be able to <ul style="list-style-type: none"> • Comprehend CSS and its syntax. • Apply CSS colour, font and border properties .
Skills	Comprehension, Application, Analysis	Comprehension, Knowledge, Application	Comprehension, Knowledge, Application	Comprehension, Knowledge, Application
Software	-	Google Slide	Google Sheet, Text Editor	Text Editor
Competency skill based activity/ Experiential learning	<ul style="list-style-type: none"> • Graphically present the working of language translators. 	<ul style="list-style-type: none"> • Create a presentation and apply animations and transitions to the slide. 	<ul style="list-style-type: none"> • Design a simple web page using basic tags and attributes 	Design a web page using an external CSS .

Assessments : Class Response, Class test , Practical work .

Main Book : Tekie Computer Science

Publisher : Uolo (Revised Edition)



Month	August-September	October	November	December
Concept	Let Us Design in Canva Creating Mind maps with Canva	Creating Mind maps with Canva Introduction to Python Operators In Python	Learn to Think Using Algorithm Conditional Statements in Python Introduction to Robotics	Introduction to Robotics AI-Computer Vision
Learning Outcomes	Students will be able to: <ul style="list-style-type: none"> Identify different components of Canva editor window and its use. Apply Templates and styles in Canva. Add shapes , graphics and edit an image. Create mind maps in Canva. 	Students will be able to: <ul style="list-style-type: none"> Add Shapes and text. Edit and format text using different styles. Add branches to a mind map. Comprehend Python and its features. Implement inbuilt functions and data types of Python Differentiate the types of operators. 	Students will be able to: <ul style="list-style-type: none"> Comprehend Algorithms and flowchart . Implement math library in Python. Categorize the components of Robots. Classify different types of Robots. 	Students will be able to: <ul style="list-style-type: none"> Enlist different Indian Robots. Describe the working and applications of Computer Vision. Apply Computer Vision to translate text from one language to another.
Skills	Comprehension, Knowledge, Application	Comprehension, Knowledge, Application, Analysis	Comprehension, Knowledge, Application	Comprehension, Knowledge, Application
Software	Canva	Canva, Python	Python	—
Competency Skill based activity/ Experiential learning	<ul style="list-style-type: none"> Design a birthday card for their friend. 	<ul style="list-style-type: none"> write a program to find the product of three numbers . 	<ul style="list-style-type: none"> Write an algorithm and draw a flowchart to calculate the perimeter of a rectangle . 	<ul style="list-style-type: none"> Experience real life translation between different languages.

Assessments : Class Response, Class test , Practical work .

Main Book : Tekie Computer Science

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