

COMPUTER				
MONTH	NO. OF PERIODS	TOPIC	SUB TOPIC	LEARNING OUTCOME
APRIL	9	Coding in Python	Algorithm and Flowchart	Will learn about algorithm and flowchart
		Coding in Python	Algorithm and Flowchart	Will learn about algorithm and flowchart
		Lab Activity	Operator based problems	will improve their Problem solving, coding proficiency, critical thinking skills
		Coding in Python	Traversing a string and String operators	Will be able to perform various string operations
		Coding in Python	String Slicing	Will be able to slice thwe string
		Lab Activity	Operator based problems	will improve their Problem solving, coding proficiency, critical thinking skills
		Coding in Python	String Built-in Functions/method	Will be able to perform various string functions
		Coding in Python	String Built-in Functions/method	Will be able to perform various string functions
MAY	10	Lab Activity	Operator based problems	will improve their Problem solving, coding proficiency, critical thinking skills
		Coding in Python	Traversing a list and comparing a list	Will be able to traverse the list
		Coding in Python	Operations on list	Will be able to perform various list operations
		Lab Activity	Selection based problems	will improve their Problem solving, coding proficiency, critical thinking skills
		Coding in Python	List built-in functions/Methods	Will be able to perform various list functions
		Coding in Python	Deleting elements from list	Will be able to perform various list functions
		Lab Activity	Selection based problems	will improve their Problem solving, coding proficiency, critical thinking skills
		Coding in Python	Some other List functions	Will be able to perform various list functions
		Coding in Python	Some other List functions	Will be able to perform various list functions
JULY	8	Lab Activity	Selection based problems	will improve their Problem solving, coding proficiency, critical thinking skills
		Coding in Python	Application Based questions	Develop critical thinking, problem-solving, and application.
		Coding in Python	Question/ Answers of chapter	Will Complete the chapter in notebook.
		Coding in Python	TEST	Will Revise the Chapter
		Lab Activity	Iteration based problems	will improve their Problem solving, coding proficiency, critical thinking skills
		Employability Skills	What is Communication	Will be able to Identify elements of communication cycle.
		Employability Skills	Methods of Communication	Understand various methods of communication.
		Lab Activity	Iteration based problems	will improve their Problem solving, coding proficiency, critical thinking skills
AUGUST	12	Employability Skills	Test of Chatpter 1 & 2	Will Revise the Chapter
		Introduction to AI	EXCITE - Artificial intelligence Introduction	Twill be able to identify the relation and application of AI in their daily life
		Lab Activity	String based problems	Develop critical thinking, problem-solving, and application.
		Introduction to AI	Artificial intelligence	Will be able to Identify the 3 domains of AI
		Introduction to AI	Classification of AI	Learners will be able to relate to the relevance and application of AI in the context of their homes
		Lab Activity	String based problems	Develop critical thinking, problem-solving, and application.
		Introduction to AI	Applications of AI	Learners will be able to describe and explore the application of AI in different fields and various industries.
		Lab Activity	Ice breaker Activity	Will be able to understand AI better.
		Introduction to AI	Relate : Introduction	Learners will be able to identify and develop awareness for SDGs using AI solutions.
		Introduction to AI	PURPOSE : Sustainable development	Learners will be able to identify and develop awareness for SDGs using AI solutions.
SEPTEMBER	8	Lab Activity	ite an intercatve story using speaker extension in google	Will be able to use google docs
		Introduction to AI	Possibilities	Will be able to develop effective communication and collaborative work skills.
		Introduction to AI	AI Ethics	Learners will be able to describe some ethical concerns of AI with respect to inclusion, bias, and privacy.
		Lab Activity	Go goals Board game	Will be able to perform the activity
		Introduction to AI	AI Ethics	Learners will be able to describe some ethical concerns of AI with respect to inclusion, bias, and privacy.
Introduction to AI	Question/ Answers of chapter	Will Complete the chapter in notebook.		

		Introduction to AI	Question/ Answers of chapter	Will Complete the chapter in notebook.
		Introduction to AI	TEST	Will Revise the Chapter
		Employability Skills	Self management	Will be able to :- Describe the meaning and importance of self- management
		Employability Skills	Analysis of strengths and weakness	Will be able Identify the factors that helps in building self- confidence
OCTOBER	10	Lab Activity	Presentation on innovations of Artificial Intelligence	will be able to improve their creativity
		Employability Skills	Self confidence and positive thinking	will learn how to improve Self confidence and positive thinking
		Employability Skills	TEST	Will Revise the Chapter
		Lab Activity	Presentation on innovations of Artificial Intelligence	will be able to improve their creativity
			Personal Hygiene	will be able to maintain personal hygiene.
		Lab Activity	Project on Python	Develop proficiency in Python programming, problem-solving, and software development practices through hands-on project work
		AI project Cycle	Problem scoping	will be able to: Describe, explain and apply the different stages in project cycle. Enquire about, state the problem for the project cycle, and create a system map.
		AI project Cycle	Data Acquisition	will be able to know about the data acquisitions.
		Lab Activity	Project on Python	Develop proficiency in Python programming, problem-solving, and software development practices through hands-on project work
		AI project Cycle	Data Exploration	will be able to understand the purpose of Data Visualisation
		AI project Cycle	Data Modeling	will be able to Understand, create and implement the concept of Decision Trees.
		NOVEMBER	8	Lab Activity
AI project Cycle	Machine learning			Will be able to learn how does the machine work.
AI project Cycle	Question/ Answers of chapter			Will Complete the chapter in notebook.
AI project Cycle	Question/ Answers of chapter			Will Complete the chapter in notebook.
Lab Activity	Project on Python			Develop proficiency in Python programming, problem-solving, and software development practices through hands-on project work
AI project Cycle	TEST			Will Revise the Chapter
Basic ICT skills	Introduction			Will be able to :- Identify components of basic computer system and their functions.
Basic ICT skills	ICT tools and applications			Will be able to learn about ICT
Lab Activity	Project on Python			Develop proficiency in Python programming, problem-solving, and software development practices through hands-on project work
DECEMBER	10	Basic ICT skills	Question/ Answers of chapter	Will Complete the chapter in notebook.
		Basic ICT skills	TEST	Will Revise the Chapter
		Lab Activity	Project on Python	Develop proficiency in Python programming, problem-solving, and software development practices through hands-on project work
		Peripheral Devices	Introduction and parts of computer	Will learn about the working of computer
		Peripheral Devices	Parts of computer continue	will be able to Demonstrate use of various components and peripherals of computer system
		Lab Activity	Project on Python	Develop proficiency in Python programming, problem-solving, and software development practices through hands-on project work
		Peripheral Devices	CPU components	Will be able to :- Identify components of basic computer system and their functions.
		Peripheral Devices	Memory	Will be able to learn about computer memory
		Lab Activity	Project on Python	Develop proficiency in Python programming, problem-solving, and software development practices through hands-on project work
		JANUARY		Neural Network
Neural Network	Neural Network			Learners will be able to describe the working of Neural Networks.

	8	Lab Activity	Project on Python	Develop proficiency in Python programming, problem-solving, and software development practices through hands-on project work
		Neural Network	Question/ Answers of chapter	Will Complete the chapter in notebook.
		Neural Network	TEST	Will Revise the Chapter
		Lab Activity	Project on Python(Submission)	Develop proficiency in Python programming, problem-solving, and software development practices through hands-on project work
FEBRUARY	10	Employability Skills	Entrepreneurship skills	will be able to demonstrate the knowledge of distinguishing characteristics of entrepreneurship
		Employability Skills	Roles of enterprenuers and wage employment	will be able to differentiate between two.
		Employability Skills	Types of business activity	Will be able to:- Identify various types of business activities
		Employability Skills	TEST	Will Revise the Chapter