INFANT JESUS CONVENT SCHOOL
ANNUAL PLAN
Artificial Intelligence (417)
CLASS: IX

MONTH/ NO OF DAYS	TOPIC: SUB TOPIC	OBJECTIVES	AIDS/ ACTIVITIES	MULTIPLE INTELLIGENCE SKILLS	LEARNING OUTCOME
APRIL No of Days: 18	Employability Skills Unit 1 Communication Skills - I	Students will be able to: ● Demonstrate knowledge of various methods of communication ● Provide descriptive and specific feedback ● Apply measures to overcome barriers in communication ● Apply principles of communication ● Demonstrate basic writing skills	KNOWLEDGE: ● Methods of communication Brainstorming about communication. SKILLS: ● Verbal Skills ● Critical Thinking ● Listening skills APPLICATION: ● Model reading of the lesson. ● Video based explanation ● Analyzing the types of Communication UNDERSTANDING:	● Linguistic ● Spatial ● Intrapersonal	Students will be able to: ● Understand and appreciate methods of communication ● Understand the barriers in communication and basic writing skills

			● Identifying various components of communication		
MAY No of Days: 14	**Subject Specific Skills** ● AI REFLECTION, PROJECT CYCLE AND ETHICS ● PYTHON PROGRAMMING	Students will be able to: ● Various application of AI ● How AI can help you to go about your daily life ● What is human Intelligence. ● Difference between Human and Artificial Intelligence Limitation of AI. ● recognize, engage and relate with the three realms of AI: Computer Vision, Data Statistics and Natural Language Processing.	KNOWLEDGE: ● Understand the problems and try to solve with AI ● Learn how human depend on machine. SKILLS: ● Verbal Skills ● Analytical skill ● Listening skills APPLICATION: ● Model reading of the lesson. ● Flow Chart based explanation UNDERSTANDING: ● Able to understand about Artificial Intelligence. ● Various application of AI.	● Linguistic ● Spatial ● Intrapersonal	Students will be able to: ● understand about Artificial Intelligence ● Various application of AI ● How AI can help you to go about your daily life ● What is human Intelligence.

			● How AI can help you to go about your daily life. ● Understands human Intelligence ● Difference between Human and Artificial Intelligence. ● Explain Limitation of AI		
		REVISION: PT-1			
		CONDUCTION OF PT-1			
JULY No of Days: 27	**Employability Skills** Unit 2: Self-Management Skills – I **Subject Specific Skills:** DATA LITERACY	Students will be able to: ● Meaning and importance of stress management ● Stress management techniques ● Importance of the ability to work independently ● Basics of data literacy ● Acquiring Data, Processing, and Interpreting Data ● Project Interactive Data Dashboard & Presentation	KNOWLEDGE: ● How information can be extracted from data that is used to make a decision. ● How artificial intelligence deals with the interaction between computers and humans using	● Linguistic ● Spatial ● Intrapersonal	Students will be able to: ● Understands how machine understands human language. ● Understands how Machine can manipulate visual

		● To make students understand how data systems works and processes, in which the system ● Collects numerous data, maintains data sets and derives meaning/sense out of them.	the natural language. SKILLS: ● Writing Skills ● Analytical skill ● Listening skills APPLICATION: ● Model reading of the lesson. ● Practical Based explanation UNDERSTANDING: ● Students will understand domains of AI. ● Students will understands how data systems works and processes, in which the system collects numerous data, maintains data sets and derives meaning/sense out of them.		

			Students will understand how information can be extracted from data that is used to make a decision. ● Students will Learn the capability of a machine to get and analyses visual information and afterwards predict some decisions about it.		
AUGUST No of Days: 23	**Subject Specific Skills** ● MATH FOR AI (Statistics & Probability) ● PYTHON PROGRAMMING	Students will be able to: ● Students know how they can get started on an AI project ● To make students understands various steps of AI Project Cycle. ● Number Patterns Picture Analogy ● Application in various real life scenarios ● Understand the concept of Probability in real life and explore various types of events.	KNOWLEDGE: ● Student able to learn how to solve particular problem step by step. SKILLS: ● Listening Skills ● Critical skill ● Observation skills APPLICATION: ● Power point presentation on	● Linguistic ● Spatial ● Logical	Students will be able to: ● How they can get started on an AI project ● To make students understands various steps of AI Project Cycle. ● How to construct system map. ● Student can differentiate between AI, Machine Learning and

			Domains of AI. ● Story Speaker UNDERSTANDING: ● Understand the problem and its solution in better way. ● Learn how human depend on machine.		Deep Learning.
SEPTEMBER No of Days: 05	**Employability Skills** Unit 3: Information and communication Technology Skills-I **Subject Specific Skills:** INTRODUCTION TO GENERATIVE AI	Students will be able to: ● Classes of operating systems ● To understand the programming concept of python. ● Various uses of python programming. ● Learn how to install Python in computer. ● To learn two ways to work in Python (Interactive Mode and Script mode). ● Understands the use of Interpreter, Print () function, Variables. ● how Generative AI works and recognize how it learns. ● Applying Generative AI tools to create content ● Understanding the ethical considerations of using Generative AI.	KNOWLEDGE: ● Recall the software use to paint and draw ● List few tools in Ms Paint ● Enhance the use of Ms Paint SKILLS: ● Listening Skills ● Critical skill ● Observation skills APPLICATION: UNDERSTANDING: ● Learn programming concept of python.	● Linguistic ● Spatial ● Logical Thinking	Students will be able to: ● Learn programming concept of python. ● Learn various uses of python programming. ● Learn how to install python in computer. ● Learn two ways to work in python (interactive mode and script mode). ● Understands the use of interpreter, print ().

			● Learn various uses of python programming. ● Learn how to install python in computer.		
	REVISION:TERM-1				
	CONDUCTION OF TERM-1				
OCTOBER No of Days: 22	Subject Specific Skills: PYTHON PROGRAMMING	Students will be able to: ● Learn basic programming skills through gamified platforms ● Acquire introductory Python programming skills in a very user-friendly format.	KNOWLEDGE: ● Student able to learn how to solve particular problem step by step. SKILLS: ● Listening Skills ● Critical skill ● Observation skills APPLICATION: ● Students will be able to set goal for their AI projects to solve problems around them with the help of 4Ws problem Canvas	● Linguistic ● Spatial ● Logical	Students will be able to: ● How to construct system map. ● Student can differentiate between AI, Machine Learning and Deep Learning.

			Statement template. UNDERSTANDING: ● Student, will differentiate between AI,Machine Learning and Deep Learning.		
NOVEMBER No of Days: 23	**Employability Skills** Entrepreneurial Skills-I	Students will be able to: ● List the characteristic of successful entrepreneur ● Entrepreneur ship and society ● Qualities and functions of an entrepreneur ● Role and importance of an entrepreneur ● Myth about entrepreneur ship	KNOWLEDGE: ● Identify the Network and Internet. ● Brainstorming about the Internet Terms. SKILLS: ● Writing Skills ● Analytical skill ● Listening skills APPLICATION: ● Model reading of the lesson. ● Practical Based explanation ● Analyzing the various terms.	● Linguistic ● Spatial ● Intrapersonal	Students will be able to: ● Learn Business skills

			UNDERSTANDING: ● Identify basic requirements for an Internet Connection ● Tell best practices related to online safety ● Categorize Internet terms.		
	REVISION: PT-2				
CONDUCTION OF PT-2					
DECEMBER No of Days: 11	**Employability Skills** Unit 5: Green Skills-I	Students will be able to: ● Definition of sustainable development Importance of sustainable development Problems related to sustainable development	KNOWLEDGE: ● Various movents for supporting green environment will be learnt. SKILLS: ● Listening Skills ● Critical skill ● Observation skills UNDERSTANDING: ● Various green environment based	● Linguistic ● Spatial ● Logical Thinking	Students will be able to: ● Learn various green movements

			movements will be learnt.		
JANUARY No of Days: 21	**Subject Specific Skills:** Python Programming	Students will be able to: ● To make student realize the importance of repeated actions in daily life	KNOWLEDGE: ● Identify Brainstorming about the Internet Terms. SKILLS: ● Listening Skills ● Critical skill ● Observation skills APPLICATION: ● To make student realize the importance of repeated actions in daily life. ● To make students learn about the advantages of using looping technique in programming is that it reduces the number of instructions and the memory space. UNDERSTANDING: ● Various statements of python will be learnt.	● Linguistic ● Spatial ● Logical	Students will be able to: ● realize the importance of repeated actions in daily life

FEBRUARY No of Days: 22	**Subject Specific Skills:** Python Programming	Students will be able to: ● To make students learn about the advantages of using looping technique in programing g is that it reduces the number of instructions and the memory space.	KNOWLEDGE: ● Identify the Network and Internet. ● Brainstorming about the Internet Terms. SKILLS: ● Writing Skills ● Analytical skill ● Listening skills APPLICATION: ● Model reading of the lesson. ● Practical Based explanation ● Analyzing the various terms. UNDERSTANDING: ● Various statements of python will be learnt.	● Linguistic ● Spatial ● Intrapersonal	Students will be able to: ● Learn the advantage and importance of python language over Basic language. ● Learn how to store a value in computer memory.
	REVISION:TERM-2				
MARCH	**FINAL ASSESSMENT**				