# INFANT JESUS CONVENT SCHOOL
## ANNUAL PLAN
## COMPUTER
## CLASS: VI

| MONTH/NO OF DAYS | TOPIC: SUB TOPIC | OBJECTIVES | AIDS/ACTIVITIES | MULTIPLE INTELLIGENCE SKILLS | LEARNING OUTCOME |
|---|---|---|---|---|---|
| APRIL No of Days: 18 | **PowerPoint 2019**<br><br>• Creating a Photo Album<br>• Screen Recording<br>• Ink Equations<br>• Smart Lookup<br>• Ink Annotations | Students will be able to:<br>• Know about inserting audio & video files in PowerPoint presentation<br>• Identify various printing options | **KNOWLEDGE:**<br>Various video file types.<br>Action Button uses<br>**SKILLS:**<br>• Verbal Skills<br>• Critical Thinking<br>• Listening skills<br><br>**APPLICATION:**<br>• Model reading of the lesson.<br>• Video based explanation<br>• Analyzing the types of audio & video file<br>**UNDERSTANDING:**<br>• Various printing options<br>• How to record audio & insert video from the internet. | • Linguistic<br>• Spatial<br>• Intrapersonal | • They will be able to Demonstrate a basic understand PowerPoint 2019 |
| MAY No of Days: 14 | **More on Excel 2019**<br>• Selecting | Students will be able to:<br>• Identify | **KNOWLEDGE:**<br>Learned various | • Linguistic<br>• Spatial Logical | They will be able to learn various |

| | | Cells in a Worksheet<br>• Copying/Moving Data<br>• Column Width and Row Height<br>• Inserting Rows/Column<br>• Merging Cells<br>• Splitting Cells<br>• Formatting Spreadsheets<br>• Customizing Worksheet Tab<br>• Auto Fill<br>• Using Formula to Perform Calculation<br>• Order of Operation | Various elements used in Ms-Excel. Formula used in Ms Excel. | option in excel 2016 to modify & process data.<br>**SKILLS:**<br>• Verbal Skills<br>• Analytical skill<br>• Listening skills<br><br>**APPLICATION:**<br>• Model reading of the lesson.<br>• Detailed explanation of elements.<br><br>**UNDERSTANDING:**<br>• Formatting spreadsheets<br>• Components of MS Excel 2019 | Thinking | elements used in excel to add and edit data. |

**CONDUCTION OF PT-1 ASSESSMENT(Third Week Of May)**

| | | | | | |
|---|---|---|---|---|---|
| JULY<br>No of Days: 27 | **Charts,Formula and Functions in Excel 2019**<br>• Data types in Excel<br>• Different ways to Enter a formula<br>• Understanding Cell range<br>• Cell referencing in Formulas and its types<br>• References to other worksheets<br>• Functions | Students will be able to:<br>• Indicate the names and functions of the Excel interface components.<br><br>• Referencing to other worksheets. | **KNOWLEDGE:**<br>  Various formulas of Ms-Excel 2019<br>**SKILLS:**<br>• Writing  Skills<br>• Analytical skill<br>• Listening skills<br><br>**APPLICATION:**<br>• Practical Based explanation<br>**UNDERSTANDING:**<br>• Identify Data types used in Excel 2019 | • Linguistic<br>• Spatial<br>  Logical | Students will be able to:<br><br>• They willbe able to Construct formulas, including the use ofbuilt-in functions,and relative and absolute references |
| AUGUST<br>No of Days: 23 | **Digital Drawing in Krita**<br>• Starting Krita | Students will be able to:<br>Start, create & save document in | **KNOWLEDGE:**<br>  Steps to start with Krita<br>**SKILLS:** | • Linguistic<br>• Spatial<br>• Logical | Students will be able to:<br>• They will be able to |

| | | | | | |
|---|---|---|---|---|---|
| | • Creating Document Krita<br>• Components of the Window<br>• Saving Document in Krita<br>• Creating shapes in Krita<br>• Gradient Fill<br>• Creating a Symbol in Krita | Krita. | • Listening Skills<br>• Critical skill<br>• Observation skills<br><br>**APPLICATION:**<br>• Practical Based explanation<br>• Introduction to Krita.<br>**UNDERSTANDING:**<br>• Usage of various tools of Krita. | | Manipulate documents using components of Krita. |
| SEPTEMBER<br>No of Days: 05 | | | | | |
| | **REVISION:TERM-1** | | | | |
| | **CONDUCTION OF TERM-1** | | | | |
| OCTOBER<br>No of Days: 22 | **Introduction to Html5 and CSS3**<br><br>Html<br>Tags and Attributes.<br>Rules for writing HTML5 Code<br>HTML5 | Students will be able to:<br>• Understands the concept of HTML.<br>• Various elements used in HTML | **KNOWLEDGE:**<br>Html Elements<br>Rules for writing HTML structure<br>**SKILLS:**<br>• Listening Skills<br>• Critical skill<br>• Observation skills | • Linguistic<br>• Spatial<br>• Logical | Students will be able to:<br>They will be able to prepare various projects by helping HTML |

| | | | | | |
|---|---|---|---|---|---|
| | Document Structure Creating and saving an HTML Document Basic Structural Tags of HTML Introducing CSS3 Editing an Existing HTML Document | | **APPLICATION:**<br>• Practical Based explanation<br>• Introduction to HTML TAGS<br>**UNDERSTANDING:**<br>• Usage of various elements in HTML | | |
| NOVEMBER<br>No of Days: 23 | **Algorithm Intelligence**<br>Algorithm Characteristics of a Good Algorithm Uses of an Algorithm Writing an Algorithm Defining Flowcharts Solving problems using Algorithms and Flowcharts | Students will be able to:<br>Know about how to make algorithm & flowcharts by following steps. | **KNOWLEDGE:**<br>How to draw Flowcharts by using different shapes.<br>Basics of programming by using Algorithms & Flowcharts<br>**SKILLS:**<br>• Listening Skills<br>• Critical skill<br>• Observation skills<br><br>**APPLICATION:**<br>• Practical Based explanation<br>• Introduction to various shapes used in Flowcharts.<br>**UNDERSTANDING:**<br>Problem solving Technique | • Linguistic<br>• Spatial<br>Logical | Students will be able to:<br>They will be able to prepare program using steps of Algorithm. |
| | | | | | |

| | | | | | |
|---|---|---|---|---|---|
| DECEMBER<br>No of Days: 11 | **Introduction to Programming:**<br><br>• Computer Languages<br>• Language Translator<br>• Python<br>• Features of Python<br>• Installing Python<br>• Programming in Python<br>• Input and Output<br>• Variables in Python<br>• Data Types<br>• Comments in Python<br>• Operators<br>• Precedence of Operators<br>• Some More Programs | Students will be able to:<br>Demonstrate an Understanding of computer programming language concepts. | **KNOWLEDGE:**<br>• Identify the situation to apply reasoning.<br>• Brainstorming about encoding and decoding.<br><br>**SKILLS:**<br>• Writing Skills<br>• Analytical skill<br>• Listening skills<br><br>**APPLICATION:**<br>• Model reading of the lesson.<br>• Practical Based explanation<br><br>**UNDERSTANDING:**<br>• Identify and categorize reasoning and problem solving situations. | • Linguistic<br>• Spatial<br>• Logical | Students will be able to:<br>They will be Able to implement the algorithms and draw flowcharts for solving Mathematical and Engineering problems. |
| | **CONDUCTION OF PT-2** | | | | |
| JANUARY<br>No of Days: 21 | **Intelligence and AI Approaches**<br><br>Intelligence<br>Types of Intelligence<br>Exploring Intelligence<br>AI Approach | Students will be able to:<br>• Understands about types of intelligence | **KNOWLEDGE:**<br>• Identify the AI System<br>• Types of intelligence<br>**SKILLS:**<br>• Writing Skills<br>• Analytical skill<br>• Listening skills<br><br>**APPLICATION:** | • Linguistic<br>• Spatial<br>• Intrapersonal | Students will be able to:<br>• Categorize terms related AI<br>• Recall the best practices related to AI |

| | | | • Model reading of the lesson.<br>• Practical Based explanation<br>• Analyzing the various terms.<br><br>**UNDERSTANDING:**<br>• Identify basic requirements for an AI System<br>• Categorize types of intelligence | | |
|---|---|---|---|---|---|
| FEBRUARY<br>No of Days: 22 | Computer Malware<br>• Malware<br>• Worms<br>• Trojan Horse<br>• Spyware<br>• Ransomware<br>• Rootkit<br>• Computer Virus<br>• Antivirus<br>• Firewall | Students will be able to:<br>• Tell about various viruses of Computer<br>• Prevention from Viruses | **KNOWLEDGE:**<br>• About Various Viruses<br>**SKILLS:**<br>• Listening Skills<br>• Critical skill<br>• Observation skills<br><br>**APPLICATION:**<br>• Practical Based explanation<br><br>**UNDERSTANDING:**<br>• Types of Viruses<br>• How to prevent from Virus | • Linguistic<br>• Spatial<br>• Logical Thinking | Students will be able to:<br>• Learn about virus types and various prevention methods to remove virus from the computer system. |
| | **REVISION:TERM-2** | | | | |

| MARCH | CONDUCTION OF TERM-2 ASSESSMENT |
|-------|----------------------------------|