

**VIDYA PRATISHTHAN'S NEW BAL VIKAS MANDIR, PIMPLI-BARAMATI.**  
**ANNUAL CURRICULUM AND PEDAGOGICAL PLAN, 2025-2026.**  
**SUBJECT-IT**

Std : VII A, B & C

Sr.No	Topics/Month/No.of periods	Learning Outcome	Assessment tools	Teaching Learning Strategies/Activities	Resources	Inter disciplinary
1	<b>April</b> <b>No. of Periods- 4</b>  <b>Topic - Number Systems</b>	Students will be able to understand different types of Number Systems, its conversions and computer arithmetic.	Worksheet/ Open book test	Conversion: Binary to Decimal and vice versa.	Textbook	<b>*Life Skills- Logical Skills</b>  <b>Mathematics</b>
2	<b>June</b> <b>No. of Periods- 7</b>  <b>Topic - Functions in Excel.</b>	Students will be able to do calculations using MS Excel functions and also learn Auto sum feature of MS Excel.	Lab Activity	Create a table- <b>Class VII</b> with fields <b>Name, English, Maths, Science, Total, Average and Percentage</b> . Also use Excel function / formula to find total, average and percentage for each	<a href="#">MS Excel Application</a>	<b>*Life Skills-</b> Logical Thinking, decision making, ICT skill, creativity. Maths
3	<b>July</b> <b>No. of Periods- 8</b>  <b>Topic - More on Excel</b>	Students will learn different features of Excel like Sorting Data, Filtering Data and generating charts from Excel data.	Lab Activity	Students will use sorting feature for already created table - <b>Class VII</b> to find the first three rankers according to the total field.	<a href="#">MS Excel Application</a>	<b>*Life Skills-</b> Logical Thinking, decision making, ICT skill, creativity. Maths

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4	<b>August</b> <b>No. of Periods- 7</b>  <b>Topic - Introduction to CSS</b>	Students will be able to create basic webpage using different properties like font, background, text, etc.	Lab Activity	Create a webpage that displays information for " <b>IT Club</b> ". Write the information regarding club in a paragraph. Use properties like background colour/ image, font style, font size, etc.	<a href="https://www.w3schools.com/css/css_background.asp">https://www.w3schools.com/css/css_background.asp</a>  <u>Textbook</u>	<b>*Life Skills-</b> Logical Thinking, Programming Skills , Experiential Learning , Problem Solving. Art
5	<b>First Terminal Examination, September 2025.</b>					
6	<b>October</b> <b>No. of Periods- 8</b>  <b>Topic - Introduction to Python.</b>	Students will learn - 1. about print function 2. different modes in python 3. Keywords, Variables and Data types in Python.	Lab Activity	Write a python program to assign and print variables such as name, age, grade on the output screen. Write a python program to find product of three variables (a, b, c) where a=60, b=80, c=90.	<a href="https://www.w3schools.com/python/default.asp">https://www.w3schools.com/python/default.asp</a>  <u>Textbook</u>	<b>*Life Skills-</b> Logical Thinking, Programming skills
7	<b>November</b> <b>No. of Periods- 6</b>  <b>Topic - Artificial Intelligence</b>	Students will learn about- 1. History of AI. 2. Need of AI. 3. Types of AI 4. Domains of AI	Open Book Test	Educational Video	Textbook	<b>*Life Skills-</b> Logical Thinking, Critical Thinking, Social Awareness

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8	<b>Month- December</b> <b>No. of Periods- 8</b>  <b>Topic - More on Python</b>	Students will be able to understand different operators used in python. (Arithmetic, Relational, Logical, Assignment)	Lab Activity	Create a simple calculator program using python code.	<a href="http://www.w3schools.com">www.w3schools.com</a>  Textbook	<b>*Life Skills-</b> Logical Thinking, Programming skills
9	<b>January</b> <b>No. of Periods- 9</b>  <b>Topic - Artificial Intelligence</b>	Students will learn about - 5. Developing Intelligent Systems 6. Uses of AI in various fields. 7. AI Ethics	Open book test	Chart : Uses of AI in different fields	Textbook	<b>*Life Skills-</b> Logical Thinking, Critical Thinking, Social Awareness
10	<b>February</b> <b>No. of Periods- 8</b>  <b>Topic - Internet Safety</b>	Students will be able to- 1. understand how to behave online. 2. safety measures to be followed for online banking. 3. safety measures to be followed while using social media.	Assignment	Open Book Test : Students will solve question based on lesson.	Educational Video. Textbook	<b>*Life Skills-</b> Decision Making, Social Awareness, Computer awareness.
11	<b>Second Terminal Examination, March 2026.</b>					