VIDYA PRATISHTHAN'S NEW BAL VIKAS MANDIR, PIMPLI - BARAMATI

Annual Curriculam Plan of Information Technology, Year 2023 - 24

Std: VII A, B & C

Month and working days	Topic	Learning Outcomes	Lab Practical/ Activity	Assesment
April (16 Days)	AI: Understanding Intelligence AI: AI in Daily Life	Students will be able to learn about diffterent types of intelligences.	Imagine that your school needs to run on AI software. Right from coming to the school till leaving the school, think of various tasks and areas where AI can be used.	
June (15 Days)	IT: Introduction to HTML	*Students will be introduced to HTML Language. New Tech Terms Such as Webpage, Website, Hyperlinks, Browser etc.	Write the HTML code to design the web page given below: i) Background, Size, Alignment and Text Color, Horizontal Rule.	
July (21 Days)	IT: Formatting in HTML	* Students will explore with text formatting tags, list tags and image tag in HTML.	* Design the webpage with the use of following tags: * Heading Levels, Use proper font type, size and color, background color and simple list.	First Unit Test
August (23 Days)	IT: Lists & Images in HTML AI: Introduction to AI	* Students will be able to differentiate between Weak AI vs Storng AI.	Design a webpage including images, ordered and unordered lists.	
September (24 Days)	AI: AI and Visual Data	* Students will be able to get the knowledge of how computer understands colours and images?	Activity:Split image Channels: www. Pintools.com/rgb-channels-image	First Terminal Examination
Second Term October 2022- March -2023				
October (24 Days)	AI: AI and Human Language	Students will be able to know the language challenges for machines and text processing by machines.	**Watch & Learn:** www.youtube.com/edusoftknowledgeverse	

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November (15 Days)	AI: Think Like a Computer	Students will be able to work with Python turtle graphics.	Draw basic shapes by using python turtle graphics and filling colours in the drawings.	
December (18 Days)	AI: Programming with Python	Students will be able to write the programs with the arithmetic operators, variables and lists.	Write a Python program to print "HELLO".	**Second Unit Test**
January (25 Days)	IT: Simple Data Analysis using a Spreadsheet	*Students will learn different features in Excel such as wrap text, merging cells, creating a formula, formatting cells.	*Prepare a Excel sheet for Result and apply various formatting features such as change row height and column width, type formula to calculate total and percentage	
February (23 Days)	AI: Simple Data Analysis using a Spreadsheet	Students will be able to work with Sort and Filter option in Excel.	Create a Student table with the fields Class, Section and Percentage then calculate section-wise Average and Total and apply sort and filter commands on given table.	
March	**Second Terminal Examination**			