O. P. JINDAL SCHOOL, SAVITRI NAGAR TAMNAR (CG)

Annual Curriculum Planning for the Session 2025-2026

Subject – Computer Studies   Class – VI

Name of the Book- Interactive Computer Science(Live Wire)	Total no. of Chapters- 9	No. of Chapters for Half Yearly- 5 No. of Chapters for Annual Exam- 4

Month	Chapters/Topics to be taught	No. of periods required	Relevant activities	Inter-disciplinary linkages	Assessment Planning/Assignments
March	Ch-1. Advanced Features in PowerPoint.	1	Collect data from the Internet on: "Benefits of Online Learning". Make an attractive presentation in PowerPoint using animation and transition effects.	Create a ppt on Communication	Practice the shortcut keys we use in PowerPoint.
April	Ch-1. Advanced Features in PowerPoint. Ch-2 Understanding Artificial Intelligence(AI)	3 3	Work in groups of five or six students. Each group has to come up with a plan for designing an AI tool that can help them in daily life. The plan should include the following points: 1. Need for the tool 2. Designing the tool- domains required 3. How the tool will work?	Draw a pet 'Pet Robo' in MS Paint including gadgets that you think will make it unique or a 'smart Pet'. Also list the gadgets.	A mailbox usually filters out emails and moves it in the spam folder. This is usually done by identifying patterns and clues in emails. Conduct research on this and find out how it is done. Also, find some similar applications.

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June	Ch-2 Understanding Artificial Intelligence(AI) Ch3- Excel : An Introduction	1 4	Create calendar of the current month in an Excel worksheet.	Create a table in MS Excel that performs mathematical operations on given data and apply formatting features	Prepare the results of the students by calculating total & percentage.
July	Ch-4 Formatting in Ms excel	6	Understanding Undo Redo features Inserting cells, columns & rows Autofill & Flash Fill	Demonstrate the features Create a table & implement insert, delete of rows & columns	In an Excel worksheet, write the tables of 11 to 20 using Auto Fill feature.
August	Ch-5. Formulas and Functions in Excel.	6	Create a Student performance analysis in MS Excel that calculates sum, average, minimum and maximum marks.	Create a table in MS Excel which includes students data and perform formulas and functions.	Create a simple table with two columns: "Quantity" and "Price". Enter some sample data for quantity and price in separate rows. In the adjacent column, calculate the total cost for each row using cell referencing.
September	Revision of syllabus / Terminal Exam.				Revision- Practical and viva

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Portions for Monday Test & Half Yearly Examination/Assessment

Portions for Monday Test	Portions for Half Yearly Examination/Assessment
N/A	**Theory-** Ch1-Computer Languages Ch2- Understanding Artificial Intelligence(AI) Ch3- Excel : An Introduction Ch-4- Formatting in Excel Ch5-Formulas and functions in Excel

Month	Chapters/Topics to be taught	No. of periods required	Relevant Activities	Inter-disciplinary linkages	Assessment Planning/Assignments
October	Ch-6.Image Editing with GIMP	5	Open an image and do the following: 1. Retouch the image using Retouching tools. 2. Use Free Select tool to select any part of the image. 3. With the help of Bucket Fill tool, change the color of the image. 4. Again, select the image. 5. Retouch the image using Retouching tools.	Import an image in GIMP and use Shear tool setting X and Y coordinates	Practice and learn: How will you re-size an image in GIMP?

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			Save As the image with new name.		
November	Ch7- Coding in C++, Python, & Java	6	Create a code to convert temperature from Fahrenheit to Celcius.	Create a Python program to calculate Simple Interest	Write a code to input the distance and time taken to travel the distance from the user, calculate and display the average speed in km/h.
December	Ch-8.Coding with Python	5	Applications of Python, Data types, operators etc.	Create a Python program by implementing it in script & interactive mode.	Write a Python program by using "\t" & "\n" to print patterns.
January	Ch-9. Cloud Computing.	4	Write in a Word file: If you accidentally delete an important file from Google Drive, how will you recover it?	Create a PowerPoint presentation on Effects of Global Warming on Agriculture and upload the same on Google Drive.	Create a slide in PowerPoint demonstrating Types of Clouds using Pie Chart
February	Revision of syllabus / Terminal Exam.				Revision- Practical and viva

Portions for Monday Test & Annual Exam/Assessment

Portions for Monday Test	Portions for Annual Exam/Assessment

N/A	Theory- Ch6- Image Editing with GIMP
	            Ch7- Coding in C++,Python, & Java
	            Ch8- Coding with Python
	            Ch9- Cloud Computing