Artificial Intelligence Annual & Weekly Syllabus Split-Up - 2025-26 Grade VII															
S.No	Month	No. of Working Days		No. of Days	Торіс	Sub Topic	Resources	Activity	Mid April Test	Periodic Test 1	Pre Mid Term	Mid Term	Periodic Test 2	Post Midterm	Annual
2			Week 1	5	1.Introduction to Artificial Intelligence	Introduction,Intelliegence	Internet,chatgpt,canva,basic model,textbook	https://slidemodel.com							
	APRIL	23	Week 2	5	1.Introduction to Artificial Intelligence	What is AI?, Tasks where humans Outperfrom Computers									
			Week 3	4	1.Introduction to Artificial Intelligence	Exercise									
			Week 4	6	2.Application Areas of Artificial Intelligence	Application Areas- Education,Space,Agriculture,Entertainment	Internet,chatgpt,canva,basic model,textbook	https://morphs.ai/sports							
		19	Week 1	0											
3	JUNE		Week 2	6	2. Application Areas of Artificial Intelligence	Entertainment,Literature, Chatbot etc		https://playtictactoe.org							
			Week 3	6	3.Ethichs of AI	Introduction,Inportance of Ethics	Basic examples arount the society								
			Week 4	6	3.Ethichs of AI	Examples where AI gone wrong.		https://thing-translator.appspot.com							
			Week 5	1	3.Ethichs of AI	Exercise									
4	JULY	27	Week 1	5	Periodic Test 1	Revision									
			Week 2	6	4. Future of AI	Future of AI in Entertainment,Education,Sports	Internet,chatgpt,canva,basic model,textbook	www.bookwidgets.com/play							
			Week 3	6	4. Future of AI	Future of AI in Retail,Entertainment,Education,Sports									
			Week 4	6	5. Evolution of Robotics and Laws of Robotics	Introduction ,History of Robotics,Generation of Robots		www.aventine.org							
			Week 5	4	Revision	Revision									
5	AUGUST	23	Week 1	2	Pre Mid Term Exam	Revision									
			Week 2	5	5. Evolution of Robotics and Laws of Robotics	laws of Robotics									
			Week 3	5	6.Classification of Robots	Aerial, Ground and Underwater Robots	Internet,chatgpt,canva,basic model,textbook,audio visual aids	www.unmannedsystemstechnology.com/ expo/robotic-systems							
			Week 4	6	6.Classification of Robots	Challenges faced by Aerial Robots, Applications, Automatic and manual									
			Week 5	5	6.Classification of Robots	Exercise									
6	SEPTEMBER		Week 1	5	Term 1	Revision									
			Week 2	6	Term 1	Revision									
		25	Week 3	6	Term 1	Revision									
			Week 4	6	7. GIMP	List of Commonly used Image Editing Softwares,	Internet,chatgpt,canva,basic model,textbook,audio visual aids,corel draw,photoshop etc	www.unmannedsystemstechnology.com/ expo/robotic-systems							
			Week 5	2	7. GIMP	Raster and Vector Graphics, GIMP Interface									
7			Week 1	3	7. GIMP	Creating,Opening and Saving files									
	OCTOBER		Week 2	6	8.HTML Basics	HTML Basics, Structure,,Tags,Rtesource,Webbrowser,Edito	Computer, Text editor, web browser	www.codeacademy.com							
		13	Week 3	4	8.HTML Basics	Attributes,Background colour and Image									
			Week 4	0											
			Week 5	0											

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8	NOVEMBER	23	Week 1	0	Periodic Test 2	Revision						
			Week 2	5	Periodic Test 2	Revision						
			Week 3	6	9. More on HTML	HTML List,Images,hands on experience	Computer, Text editor, web browser	www.w3schools.com/html				
			Week 4	6	9. More on HTML	Width,Height,alignment,hands on experience						
			Week 5	6	9. More on HTML	Exercise						
9	DECEMBER	-	Week 1	6	10. Cyber Safety	Data Backup and safety, hackers and Crackers	Internet, Textbook, Audio vidual aids, basic information	vybermission.tech				
			Week 2	6	10. Cyber Safety	Different types of viruses, Online job fraud						
			Week 3	6	11.New Technology (VR)	Difference between Virtual Reality and Augmented reality, Virtual reality technology	Internet,chatgpt,canva,basic model,textbook,audio visual aids,corel draw,photoshop etc	https://arvr.google.com/earth				
			Week 4	2	11.New Technology (VR)	Google cardboard,Google earth,Data Visualization,Future of Virtual Rteality						
			Week 5	0								
10	JANUARY	22	Week 1	0								
			Week 2	6	Post Mid Term Exam	Revision						
			Week 3	5	11.New Technology (VR)	Exercise						
			Week 4	6	12.Familiarization with Python	Features and Application of Python,Interactive Mode, Script	computer, textbook, jupyter notebook, w3schools.com	https://realpython.com				
			Week 5	5	12.Familiarization with Python	Run Python code Interactively throughPython Scripts						
11	FEBRUARY	23	Week 1	6	12.Familiarization with Python	Exercise						
			Week 2	6	13.Introduction to Data Types and Variables	Structure of Python Program, Character set, Identifiers, Keywords,						
			Week 3	5	13.Introduction to Data Types and Variables	Expression, comments-single line,multiline,datatype, Type conversion	computer, textbook, jupyter notebook, w3schools.com	https://experiments.withgoogle.com				
			Week 4	6	13.Introduction to Data Types and Variables	Exercise						
			Week 5	0								
12	MARCH	22	Week 1	5	Revision	Revision for Annual Exam						
			Week 2	6	ANNUAL EXAMINATION (II - VIII)	Revision for Annual Exam						
			Week 3	5								
			Week 4	5								
			Week 5	1								