Artificial Intelligence Annual & Weekly Syllabus Split-Up - 2025-26
Grade VII

S.No	Month	No. of Working Days		No. of Days	Topic	Sub Topic	Resources	Activity	Mid April Test	Periodic Test 1	Pre Mid Term	Mid Term	Periodic Test 2	Post Midterm	Annual
2	APRIL	23	Week 1	5	1.Introduction to Artificial Intelligence	Introduction,Intelliegence	Internet,chatgpt,canva,basic model,textbook	https://slidemodel.com							
			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							
3	JUNE	19	Week 1	0											
			Week 2	6	2.Application Areas of Artificial Intelligence	Entertainment,Literature, Chatbot etc		https://playtictactoe.org							
			Week 3	6	3.Ethics of AI	Introduction,Inportance of Ethics	Basic examples arount the society								
			Week 4	6	3.Ethics of AI	Examples where AI gone wrong.		https://thing-translator.appspot.com							
			Week 5	1	3.Ethics 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	25	Week 1	5	Term 1	Revision									
			Week 2	6	Term 1	Revision									
			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	OCTOBER	13	Week 1	3	7. GIMP	Creating,Opening and Saving files									
			Week 2	6	8.HTML Basics	HTML Basics, Structure,,Tags,Rtesource,Webbrowser,Editor,	Computer, Text editor,web browser	www.codeacademy.com							
			Week 3	4	8.HTML Basics	Attributes,Background colour and Image									
			Week 4	0											
			Week 5	0											
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	20	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 Mode,Integrated Environment	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											