

Annual & Weekly Syllabus Split-Up - 2026-27

Grade VII

Subject: AI

S.No	Month	No. of Working Days	No. of Days	Topic	Sub Topic	Teaching Aids/Resources	Classroom teaching Video Link	Activities/ practical	Art Integrated project	Pedagogy Process/Teaching Strategy	Chapterwise Notes link	Assessment		
1	APRIL	25	Week 1	4	Natural Language Processing	NLP and uses	Text Book, E-Book, Practice Worksheet, Synopsis(Summary), Comp Lab, Videos	https://youtube.com/playlist?list=PLZlh_31VWEFpxH2nttigTOi8q0OIPmYz5&si=JMLJxVpTc8zQ1VA3	https://slidemodel.com	domains of Ai drawn as superpowers of AI in notebook with explanation	https://drive.google.com/drive/folders/1R6ZZNcejeotKX7SRdFOH081TkCeXSm6?usp=drive_link	GD/ Oral assessment/ Extra quesn		
			Week 2	6	Natural Language Processing	What is AI?,Tasks where humans Outperform Computers	Text Book, E-Book, Practice Worksheet, Synopsis(Summary), Comp Lab, Videos	https://youtube.com/playlist?list=PLZlh_31VWEFpxH2nttigTOi8q0OIPmYz5&si=JMLJxVpTc8zQ1VA4			Practicals, Learning through PPTs, extra q/ans		GD/ Oral assessment/ Extra quesn	
			Week 3	5	Natural Language Processing	Exercise	Text Book, E-Book, Practice Worksheet, Synopsis(Summary), Comp Lab, Videos	https://youtube.com/playlist?list=PLZlh_31VWEFpxH2nttigTOi8q0OIPmYz5&si=JMLJxVpTc8zQ1VA5			Practicals, Learning through PPTs, extra q/ans, Real life example teaching, etc.		GD/ Oral assessment/ Extra quesn	
			Week 4	6	Natural Language Processing		Text Book, E-Book, Practice Worksheet, Synopsis(Summary), Comp Lab, Videos	https://youtube.com/playlist?list=PLZlh_31VWEFpxH2nttigTOi8q0OIPmYz5&si=JMLJxVpTc8zQ1VA6	https://morphs.ai/sports			Real life example teaching and textbook learning		GD/ Oral assessment/ Extra quesn
			Week 5	4	Statistical Data	data and stats in AI	Text Book, E-Book, Practice Worksheet, Synopsis(Summary), Comp Lab, Videos	https://youtube.com/playlist?list=PLZlh_31VWEFpxH2nttigTOi8q0OIPmYz5&si=JMLJxVpTc8zQ1VA7			Practicals, Learning through PPTs, extra q/ans, Real life example teaching, etc.	https://drive.google.com/file/d/1pZeZJXUiAtrgmFKYBKFFGkwk_xbrmff/view?usp=drive_link	GD/ Oral assessment/ Extra quesn	
2	JUNE	20	Week 1	0			https://youtube.com/playlist?list=PLZlh_31VWEFpxH2nttigTOi8q0OIPmYz5&si=JMLJxVpTc8zQ1VA8			Practicals, Learning through PPTs, extra q/ans		GD/ Oral assessment/ Extra quesn		
			Week 2	6	Statistical Data	data and stats in AI	Text Book, E-Book, Practice Worksheet, Synopsis(Summary), Comp Lab, Videos	https://youtube.com/playlist?list=PLZlh_31VWEFpxH2nttigTOi8q0OIPmYz5&si=JMLJxVpTc8zQ1VA9	https://playtactoe.org	Probability chart of mistakes made by ai during simple calculations along with graph	Real life example teaching and textbook learning		GD/ Oral assessment/ Extra quesn	
			Week 3	6	Statistical Data	data and stats in AI		https://youtube.com/playlist?list=PLZlh_31VWEFpxH2nttigTOi8q0OIPmYz5&si=JMLJxVpTc8zQ1VA10			Real life example teaching and textbook learning		GD/ Oral assessment/ Extra quesn	
			Week 4	6	Revision		Text Book, E-Book, Practice Worksheet, Synopsis(Summary), Comp Lab, Videos	https://youtube.com/playlist?list=PLZlh_31VWEFpxH2nttigTOi8q0OIPmYz5&si=JMLJxVpTc8zQ1VA11	https://thing-translator.appspot.com		Real life example teaching and textbook learning		GD/ Oral assessment/ Extra quesn	
			Week 5	2	Revision	Exercise	Text Book, E-Book, Practice Worksheet, Synopsis(Summary), Comp Lab, Videos	https://youtube.com/playlist?list=PLZlh_31VWEFpxH2nttigTOi8q0OIPmYz5&si=JMLJxVpTc8zQ1VA12			Practicals, Learning through PPTs, extra q/ans, Real life example teaching, etc.		GD/ Oral assessment/ Extra quesn	
3	JULY	27	Week 1	4	Periodic Test 1	Revision		https://youtube.com/playlist?list=PLZlh_31VWEFpxH2nttigTOi8q0OIPmYz5&si=JMLJxVpTc8zQ1VA13			Real life example teaching and textbook learning		GD/ Oral assessment/ Extra quesn	
			Week 2	6	Ethics in AI	Introduction,Importance of Ethics	Text Book, E-Book, Practice Worksheet, Synopsis(Summary), Comp Lab, Videos	https://youtube.com/playlist?list=PLZlh_31VWEFpxH2nttigTOi8q0OIPmYz5&si=JMLJxVpTc8zQ1VA14	www.bookwidgets.com/play	Bar graph for principles of ethics of AI	Practicals, Learning through PPTs, extra q/ans, Real life example teaching, etc.	https://drive.google.com/file/d/1Q2Az4Ue6_9NwMbg_QzSlSkdXIZk65gJ/view?usp=drive_link	GD/ Oral assessment/ Extra quesn	
			Week 3	6	Sustainability	Examples where AI gone wrong.	Text Book, E-Book, Practice Worksheet, Synopsis(Summary), Comp Lab, Videos	https://youtube.com/playlist?list=PLZlh_31VWEFpxH2nttigTOi8q0OIPmYz5&si=JMLJxVpTc8zQ1VA15		3Rs cycle chart	Practicals, Learning through PPTs, extra q/ans, Real life example teaching, etc.	https://drive.google.com/file/d/1sXX7RRDPtLwb2OM6hFz5aRihWzvu5BNm/view?usp=drive_link	GD/ Oral assessment/ Extra quesn	
			Week 4	6	Sustainability	Introduction ,History of Robotics,Generation of Robots	Text Book, E-Book, Practice Worksheet, Synopsis(Summary), Comp Lab, Videos	https://youtube.com/playlist?list=PLZlh_31VWEFpxH2nttigTOi8q0OIPmYz5&si=JMLJxVpTc8zQ1VA16	www.aventine.org	diagram of Different types of robots along with their diagrams and uses	Practicals, Learning through PPTs, extra q/ans, Real life example teaching, etc.		GD/ Oral assessment/ Extra quesn	
			Week 5	5	Revision	Revision	Text Book, E-Book, Practice Worksheet, Synopsis(Summary), Comp Lab, Videos	https://youtube.com/playlist?list=PLZlh_31VWEFpxH2nttigTOi8q0OIPmYz5&si=JMLJxVpTc8zQ1VA17			Practicals, Learning through PPTs, extra q/ans, Real life example teaching, etc.		GD/ Oral assessment/ Extra quesn	
4	AUGUST	24	Week 1	1	Pre Mid Term Exam	Revision		https://youtube.com/playlist?list=PLZlh_31VWEFpxH2nttigTOi8q0OIPmYz5&si=JMLJxVpTc8zQ1VA18			Practicals, Learning through PPTs, extra q/ans, Real life example teaching, etc.		GD/ Oral assessment/ Extra quesn	
			Week 2	6	Systems Thinking and System Map	Systems Thinking and	Text Book, E-Book, Practice Worksheet, Synopsis(Summary), Comp Lab, Videos	https://youtube.com/playlist?list=PLZlh_31VWEFpxH2nttigTOi8q0OIPmYz5&si=JMLJxVpTc8zQ1VA19		Systems maps explanation in bullets on A3 sheet	Practicals, Learning through PPTs, extra q/ans, Real life example teaching, etc.	https://drive.google.com/file/d/12x2BAIHRj3q9phYjOUWxxQSkAiqXdtX/view?usp=drive_link	GD/ Oral assessment/ Extra quesn	
			Week 3	5	Systems Thinking and System Map		Text Book, E-Book, Practice Worksheet, Synopsis(Summary), Comp Lab, Videos	https://youtube.com/playlist?list=PLZlh_31VWEFpxH2nttigTOi8q0OIPmYz5&si=JMLJxVpTc8zQ1VA20	www.unmannedsystemstechnology.com/expo/robotic-systems		Real life example teaching and textbook learning		GD/ Oral assessment/ Extra quesn	
			Week 4	6	Systems Thinking and System Map		Text Book, E-Book, Practice Worksheet, Synopsis(Summary), Comp Lab, Videos	https://youtube.com/playlist?list=PLZlh_31VWEFpxH2nttigTOi8q0OIPmYz5&si=JMLJxVpTc8zQ1VA21			Practicals, Learning through PPTs, extra q/ans, Real life example teaching, etc.		GD/ Oral assessment/ Extra quesn	

			Week 5	5+1	Revision 1,2,3,4&5	Exercise	Text Book, E-Book, Practice Worksheet, Synopsis(Summary), Comp Lab, Videos	https://youtube.com/playlist?list=PLZlh_31VWEFpxH2nttigTOi8q0OIPmYz5&si=JMLxVpTc8zQ1VA22			Practicals, Learning through PPTs, extra q/ans, Real life example teaching, etc.	GD/ Oral assessment/ Extra quesn	
5	SEPTEMBER	23	Week 1	5	Term 1	Revision		https://youtube.com/playlist?list=PLZlh_31VWEFpxH2nttigTOi8q0OIPmYz5&si=JMLxVpTc8zQ1VA23			Practicals, Learning through PPTs, extra q/ans, Real life example teaching, etc.	GD/ Oral assessment/ Extra quesn	
			Week 2	6	Term 1	Revision	Text Book, E-Book, Practice Worksheet, Synopsis(Summary), Comp Lab, Videos	https://youtube.com/playlist?list=PLZlh_31VWEFpxH2nttigTOi8q0OIPmYz5&si=JMLxVpTc8zQ1VA24			Practicals, Learning through PPTs, extra q/ans, Real life example teaching, etc.	GD/ Oral assessment/ Extra quesn	
			Week 3	5	Term 1	Revision	Text Book, E-Book, Practice Worksheet, Synopsis(Summary), Comp Lab, Videos	https://youtube.com/playlist?list=PLZlh_31VWEFpxH2nttigTOi8q0OIPmYz5&si=JMLxVpTc8zQ1VA25			Real life example teaching and textbook learning	GD/ Oral assessment/ Extra quesn	
			Week 4	5	Robotics	laws of robotics,Aerial , Ground and Underwater Robots	Text Book, E-Book, Practice Worksheet, Synopsis(Summary), Comp Lab, Videos	https://youtube.com/playlist?list=PLZlh_31VWEFpxH2nttigTOi8q0OIPmYz5&si=JMLxVpTc8zQ1VA26	www.unmannedsystemstechnology.com/expo/robotic-systems	Famous robots pictures' with hier names and uses on a sheet	Practicals, Learning through PPTs, extra q/ans, Real life example teaching, etc.	https://drive.google.com/file/d/112BwsHdLAApHbNcRUzCT2utqLuPBc2/view?usp=drive_link	GD/ Oral assessment/ Extra quesn
			Week 5	3	HTML Basics	HTML Basics, Structure, Tags,Rtes ource,Webbrowser,Editor.	Text Book, E-Book, Practice Worksheet, Synopsis(Summary), Comp Lab, Videos	https://youtube.com/playlist?list=PLZlh_31VWEFpxH2nttigTOi8q0OIPmYz5&si=JMLxVpTc8zQ1VA27		html code to build a site along with print out of their output	Practicals, Learning through PPTs, extra q/ans, Real life example teaching, etc.	https://drive.google.com/file/d/1pe9omztrbt2_W_7_d5zGtrGqg4tRMQfv/view?usp=drive_link	GD/ Oral assessment/ Extra quesn
6	OCTOBER	25	Week 1	2	HTML Basics			https://youtube.com/playlist?list=PLZlh_31VWEFpxH2nttigTOi8q0OIPmYz5&si=JMLxVpTc8zQ1VA28			Practicals, Learning through PPTs, extra q/ans, Real life example teaching, etc.	GD/ Oral assessment/ Extra quesn	
			Week 2	6	More on HTML	HTML List,Images,hands on experience		https://youtube.com/playlist?list=PLZlh_31VWEFpxH2nttigTOi8q0OIPmYz5&si=JMLxVpTc8zQ1VA29	www.codecademy.com	html code to build a site along with print out of their output	Practicals, Learning through PPTs, extra q/ans, Real life example teaching, etc.	https://drive.google.com/file/d/1kgBwj4VTDw2COd8zF52RbWwWu1rdn05k/view?usp=drive_link	
			Week 3	6	More on HTML	Attributes,Backgrou nd colour and Image		https://youtube.com/playlist?list=PLZlh_31VWEFpxH2nttigTOi8q0OIPmYz5&si=JMLxVpTc8zQ1VA30			Real life example teaching and textbook learning		
			Week 4	5	Revision		Text Book, E-Book, Practice Worksheet, Synopsis(Summary), Comp Lab, Videos	https://youtube.com/playlist?list=PLZlh_31VWEFpxH2nttigTOi8q0OIPmYz5&si=JMLxVpTc8zQ1VA31			Practicals, Learning through PPTs, extra q/ans, Real life example teaching, etc.		
			Week 5	5			Text Book, E-Book, Practice Worksheet, Synopsis(Summary), Comp Lab, Videos	https://youtube.com/playlist?list=PLZlh_31VWEFpxH2nttigTOi8q0OIPmYz5&si=JMLxVpTc8zQ1VA32			Practicals, Learning through PPTs, extra q/ans, Real life example teaching, etc.		
7	NOVEMBER	12	Week 1	0	Periodic Test 2	Revision	Text Book, E-Book, Practice Worksheet, Synopsis(Summary), Comp Lab, Videos	https://youtube.com/playlist?list=PLZlh_31VWEFpxH2nttigTOi8q0OIPmYz5&si=JMLxVpTc8zQ1VA33			Practicals, Learning through PPTs, extra q/ans, Real life example teaching, etc.		
			Week 2	0	Periodic Test 2	Revision	Text Book, E-Book, Practice Worksheet, Synopsis(Summary), Comp Lab, Videos	https://youtube.com/playlist?list=PLZlh_31VWEFpxH2nttigTOi8q0OIPmYz5&si=JMLxVpTc8zQ1VA34			Practicals, Learning through PPTs, extra q/ans, Real life example teaching, etc.		
			Week 3	0	Cyber Safety	Data Backup and safety,hackers and Crackers	Text Book, E-Book, Practice Worksheet, Synopsis(Summary), Comp Lab, Videos	https://youtube.com/playlist?list=PLZlh_31VWEFpxH2nttigTOi8q0OIPmYz5&si=JMLxVpTc8zQ1VA35	www.w3schools.com/html	Cyber Attacks and their mitigations chart; types of malwares and their harms on a chart	Real life example teaching and textbook learning	https://drive.google.com/file/d/17Inm2LwXEQq5xy pVjfglj_sXq29Gc/view?usp=drive_link	
			Week 4	6	Cyber Safety	Different types of viruses,Online job fraud	Text Book, E-Book, Practice Worksheet, Synopsis(Summary), Comp Lab, Videos	https://youtube.com/playlist?list=PLZlh_31VWEFpxH2nttigTOi8q0OIPmYz5&si=JMLxVpTc8zQ1VA36			Practicals, Learning through PPTs, extra q/ans, Real life example teaching, etc.		
			Week 5	5+1	Cyber Safety	Exercise	Text Book, E-Book, Practice Worksheet, Synopsis(Summary), Comp Lab, Videos	https://youtube.com/playlist?list=PLZlh_31VWEFpxH2nttigTOi8q0OIPmYz5&si=JMLxVpTc8zQ1VA37			Practicals, Learning through PPTs, extra q/ans, Real life example teaching, etc.		
8	DECEMBER	21	Week 1	5	New Technologies (Virtual Reality)	Difference between Virtual Reality and Augmented reality,Virtual reality technology		https://youtube.com/playlist?list=PLZlh_31VWEFpxH2nttigTOi8q0OIPmYz5&si=JMLxVpTc8zQ1VA38	vybermission.tech	Vr vs Ar collage	Practicals, Learning through PPTs, extra q/ans, Real life example teaching, etc.	https://drive.google.com/file/d/1ITw5ViUWnQt_jgkvBv7jBHR_kQV3hVk0/view?usp=drive_link	
			Week 2	6	New Technologies (Virtual Reality)	Google cardboard,Google earth,Data Visualization,Future of Virtual Rteality		https://youtube.com/playlist?list=PLZlh_31VWEFpxH2nttigTOi8q0OIPmYz5&si=JMLxVpTc8zQ1VA39			Practicals, Learning through PPTs, extra q/ans, Real life example teaching, etc.		
			Week 3	6	New Technologies (Virtual Reality)	AR and VR		https://youtube.com/playlist?list=PLZlh_31VWEFpxH2nttigTOi8q0OIPmYz5&si=JMLxVpTc8zQ1VA40	https://arvr.google.com/earth		Real life example teaching and textbook learning		
			Week 4	4	Revision			https://youtube.com/playlist?list=PLZlh_31VWEFpxH2nttigTOi8q0OIPmYz5&si=JMLxVpTc8zQ1VA41			Practicals, Learning through PPTs, extra q/ans, Real life example teaching, etc.		
			Week 5	3				https://youtube.com/playlist?list=PLZlh_31VWEFpxH2nttigTOi8q0OIPmYz5&si=JMLxVpTc8zQ1VA42			Practicals, Learning through PPTs, extra q/ans, Real life example teaching, etc.		
			Week 1	0				https://youtube.com/playlist?list=PLZlh_31VWEFpxH2nttigTOi8q0OIPmYz5&si=JMLxVpTc8zQ1VA43			Practicals, Learning through PPTs, extra q/ans, Real life example teaching, etc.		

