

O. P. JINDAL SCHOOL, SAVITRINAGAR, TAMNAR

Annual Syllabus Break-up for the session 2025-2026

Subject: Artificial Intelligence Class: VIII

Sl.	Month	No. of Instructional days	No. of periods	Chapters to be taught	Subject enrichment activities	Values to be imparted	Extra content to be taught
1	April	23	19	Networking Concepts	Introduction of Network Advantages and Disadvantages Types Topologies PPT's & videos	Network Architecture , Topologies , Protocols , Security etc.	Working of Networks and Network Devices etc.

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2	June	09	07	MS Access: An Introduction	Database concepts DBMS Tables Forms Reports Queries etc PPT's & videos	Primary key, Alternate key, foreign key etc.	Form wizard , Queries wizard, Report wizard etc.

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3	July	26	23	Computer Virus and Exploring Synfig	<p>Malware</p> <p>computer virus</p> <p>and symptoms</p> <p>spread of virus</p> <p>and Anti-virus</p> <p>etc.</p> <p>PPT's & videos</p>	<p>Installing Anti-virus</p> <p>Importance of Regular Updates</p> <p>Layers , Animations with multiple layers</p>	<p>Adware , Spyware etc.</p>

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4	August	23	20	AI-social impact and Loop coding in Python.	<p>AI-Driven Future and Applications of AI</p> <p>Concept of loops</p> <p>Types of loops</p> <p>PPT's & videos</p>	<p>Onion Layers AI-driven future :</p> <p>Opportunities and Skill required</p> <p>While loop, For loops etc.</p>	<p>Application of AI in various Sectors</p> <p>Types of loops etc.</p>

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5	September	09	07	Revision and Doubt Clearing Half Yearly Examination	--	--	--

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6	October	17	14	Data Science	Introduction to Data Science Needs for data science Uses of data science PPT's & videos	Emergence of Artificial Intelligence Types of AI Careers	Skill set in demand for jobs in AI

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7	November	21	19	Web Development : List and Tables Advanced Web Development	Ordered list, Nested list, creating tables and table properties etc. Inserting images , Inserting hyperlinksetc. PPT's & videos	Inserting Audio and video Create forms etc.	Web designing

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8	December	13	8	Cyber Ethics and Security	Advantages of Internet Disadvantages of Internet Cyber bullying Phishing etc. PPT's & videos	Hacking, Spamming etc.	Digital Footprint etc.

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9	January	25	23	Social Networking and E-commerce	About social media, Digital India E-commerce Blogging etc. PPT's & videos	Podcasting and Web feeds etc.	E-banking and E-ticketing

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10	February	07	6	Revision and Doubt Clearing Annual Examination	--	--	--

SYLLABUS FOR EXAMINATION

SN	EXAMINATION	EXAMINATION'S MONTHS	MAX MARKS	Max Time	SYLLABUS FOR EXAMINATION
1	Weekly Test	June, July, August	-	-	-
2	Half Yearly Examination	September	40	2 Hrs	Ch 1 to 6
3	Weekly Test	October, November, December	-	-	-
4	Yearly Examination	February	40	2 Hrs	Ch 7 to 11