O. P. JINDAL SCHOOL, SAVITRINAGAR, TAMNAR

Annual Syllabus Break-up for the session 2025-2026

Subject: Artificial Intelligence (417)   Class: X

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	22	UNIT -1 Communication Skills	**Check points** **Competency Based Questions** **Activity(Related to content for sessions 1 to 14)** **PPT's ,Videos, Quiz**	Importance of communication in our daily life	Various examples for effective communication

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
2	June	09	08	Unit – 2 Self Management Skills	**Check points** **Competency Based Questions** **Activity(Related to content for sessions 1 to 3)** **PPT's ,Videos, Quiz**	Aware about different Self Skills	Charts shown on different on self management skills

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
3	**July**	26	25	Unit -3 ICT Skills-II & Unit -4 Entrepreneurial Skills Unit-5 Green Skills	**Check points** **Competency Based Questions** **Activity(Related to content for sessions 1 to 7)** **PPT's ,Videos, Quiz**	Awareness of computer peripherals	ICT usage discussed in our day to day life Various aspects discussed on becoming an entrepreneur

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
4	**August**	23	20	Revisiting AI Project Cycle & Ethical Frameworks for AI Advance concept in Modelling Evaluating Models	AI Project cycle Three domains of AI Ethical framework of AI Revisiting AI, ML, DL Modelling Neural Networks Train – test split etc. PPT's ,Videos, Quiz	Accuracy and Errors in AI models	Importance of model evaluation etc.

SI.	Month	No. of Instructional days	No. of periods	Chapters to be taught	Subject enrichment activities	Values to be imparted	Extra content to be taught
5	**September**	09	08	Revision & Half YearlyExam	-	-	-

SI.	Month	No. of Instructional days	No. of periods	Chapters to be taught	Subject enrichment activities	Values to be imparted	Extra content to be taught
6	**October**	17	16	Statistical Data Computer Vision Natural Language processing	Statistical data and No code AI tools Data Science Computer Vision Concepts Stages of NLP and Chatbots PPT's ,Videos, Quiz	NLP: Use case walkthrough	Design of Chatbots

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
7	**November**	21	20	Advance Python And Revision & Sample Paper Practices	**Jupiter Notes Python Basics Python Conditionals and loops** **PPT's ,Videos, Quiz**	Looping concepts etc.	Other Python Development Tools

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
8	**December**	13	12	Revision & Sample Paper Practices	-	-	-

SI.	Month	No. of Instructional days	No. of periods	Chapters to be taught	Subject enrichment activities	Values to be imparted	Extra content to be taught
9	January	25	24	Revision & Sample Paper Practices	-	-	-

SI.	Month	No. of Instructional days	No. of periods	Chapters to be taught	Subject enrichment activities	Values to be imparted	Extra content to be taught
10	February	07	06	Revision & Sample Paper Practices Yearly(Board) Exam	-	-	-

SYLLABUS FOR EXAMINATION

SN	EXAMINATION	EXAMINATION'S MONTHS	MAX MARKS	Max Time	SYLLABUS FOR EXAMINATION
1	Weekly Test 1	July	20	1 Hr	PART-A Unit 1 ,2 (sessions 1-4)
	Weekly Test 2	August	20	1 Hr	PART-A Unit 1 ,2,3 (sessions 1-4)
2	Half Yearly Examination	September	50	2 Hrs	PART – A Unit 1 to 5
3	Weekly Test 1	November	20	1 Hr	PART-A Unit 1 ,2,3 (sessions 1-4)
	Weekly Test 2	January	20	1 Hr	PART-A Unit 1 ,2,3 (sessions 1-4)
4	Yearly (Board) Examination	February	50	2 Hrs	PART-A Unit(1-5) PART-B Unit(1-5)