



KOTHARI INTERNATIONAL SCHOOL
GRADE 10
SESSION 2024-25
SUBJECT: ARTIFICIAL INTELLIGENCE
SUBJECT CODE: 417

S. No	TERM	MONTH	TOPIC	SUBJECT ENRICHMENT/ACTIVITIES
1.	PERIODIC ASSESSMENT 1 30% of the Syllabus PA1- 15 April to 17 May 2024	MARCH Working Days – 16	Employability Skills Chapter 1 Communication Skills Subject Specific Skills Chapter 1 Introduction to AI Practical Skills 1. Basics of python which includes variables, Data types, Operators, Conditional Statements	Create a PowerPoint Presentation on AI Applications
		APRIL Working Days -20	Employability Skills Chapter 2 Self-Management skills Subject Specific Skills Chapter 2 AI Project Cycle (till Data Visualization) Practical Skills 2. Python Lists Tuples Dictionaries Loops	Python Practical Assignments
		MAY Working Days -20	Employability Skills Chapter 3 ICT skills Subject Specific Skills Chapter 2 AI Project Cycle (Contd) Practical Skills 3. Introduction to Data Science in Python	Data Visualization charts using NumPy and Pandas

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2.	PERIODIC ASSESSMENT 2 50% of the total syllabus PA2- 15 July to 12 August 2024	JULY Working Days -22	Employability Skills Chapter 4 Entrepreneurship Skills Subject Specific Skills Chapter 3 Data Science Applications Chapter 4 Computer Vision Practical Skills 3.Opencv Practical	PPT on Entrepreneurship Skills
		AUGUST WORKING DAYS 19	Employability Skills Chapter 5 Green Skills Subject Specific Skills Chapter 5 Natural Language Processing Practical Skills 3.Opencv Practical	Open.CV Practical
	Mid Term 80% of the Syllabus Mid Term - 9 Sep to 23 September 2024	SEPTEMBER	Midterm Revision	Revision Worksheets
3	PERIODIC ASSESSMENT 3 Rest of the 20% Syllabus PA3- 5 Nov to 25 November 2024	OCTOBER Working Days- 16	Subject Specific Skills Chapter 6 Evaluation	Data Science Project
		NOVEMBER Working Days- 19	Subject Specific Skills Chapter 6 Evaluation (Contd) Revision for Employability skills Practical Revision for Final Practical	Quiz on Employability Skills

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4	<u>Pre Board 1</u> 100% Syllabus PB1- 9 Dec to 20 December 2024	December Working Days- 18	Revision Final Practical Assessment	Worksheets
5	<u>Pre Board 2</u> 100% Syllabus (PB2- 10 Jan to 20 January 2025)	JANUARY Working Days -20	Revision	Worksheets