



BOKARO PUBLIC SCHOOL

SECTOR-III/C, B.S.CITY

SYLLABUS SESSION 2025-26

Class- 10

Subject- Artificial Intelligence

Sl.No	MONTHS	W/D	T/D	CHAPTER'S NAME/TOPIC	STATUS
1	April	25	22	Part: A - Unit – 1 , Communication Skills-II <ul style="list-style-type: none"> - Various methods of Communication - Providing and Receiving Feedback - Communication Barriers and Its Measures - Principles of Effective Communication - Basic Writing Skills Part: B - Unit – 1 , Revisiting AI Project Cycle & Ethical Frameworks for AI <ul style="list-style-type: none"> - AI Project Cycle - AI Project Cycle: Data Acquisition - AI Project Cycle: Data Exploration - AI Project Cycle: Modelling & Evaluation 	
2	May	9	7	Part: B - Unit – 1 , Revisiting AI Project Cycle & Ethical Frameworks for AI Sub-Unit-2: Introduction to AI Domains <ul style="list-style-type: none"> - Data Science - Computer Vision - Natural Language Processing 	
3	June	18	15	Part: A - Unit – 2 , Self-Management Skills-II <ul style="list-style-type: none"> - Stress and Its Effects - Stress Management Techniques - Ability to Work Independently Part: B - Unit – 1 , Revisiting AI Project Cycle & Ethical Frameworks for AI Sub-unit-3: Ethical Frameworks of AI <ul style="list-style-type: none"> - AI Ethical Frameworks & Bioethics Part: B – Unit-2, Advanced Concepts of Modelling in AI Sub-unit-1: Revisiting AI, ML and DL <ul style="list-style-type: none"> - AI, ML and DL 	
4	July	27	23	Part: B – Unit-2, Advanced Concepts of Modelling in AI Sub-Unit 2: Modelling <ul style="list-style-type: none"> - Types of AI Models - Categories of ML-based Models - Subcategories of Supervised Learning Models - Subcategories of Unsupervised Learning Models - Subcategories of Deep Learning Part: A – Unit-3 , ICT Skills-II, <ul style="list-style-type: none"> - Operating System & Basic File Operations - Apply Basic Skills for Care and Maintenance of Computer - Computer Security & Viruses 	

5	August	22	18	Part: B – Unit-2 , Advanced Concepts of Modelling in AI Sub-Unit 3: Artificial Neural Network <ul style="list-style-type: none"> - ANN and its working Part: B-Unit-3, Evaluating Models <ul style="list-style-type: none"> - Model Evaluations and Ethical Concerns Part: B-Unit 4, Statistical Data	
6	September	22	9	Revision of Part : A – Unit-1, Unit-2, Unit-3 and Part: B- Unit-1, Unit-2, Unit-3, Unit-4	
7	October	15	12	Part: A – Unit-4, Entrepreneurial Skills-II <ul style="list-style-type: none"> - Characteristics of an Entrepreneur - Role and Significance of an Entrepreneur - Myths Related to Entrepreneurship - Entrepreneurship As A Career Option Part: B-Unit-5, Computer Vision <ul style="list-style-type: none"> - Introduction to Computer Vision - Convolution and CNN 	
8	November	24	20	Part: A – Unit-5, Green Skills – II, <ul style="list-style-type: none"> - Understanding Sustainable Development - Importance of Sustainable Development - Sustainable Development: Challenges and Solutions Part: B- Unit-6, Natural Language Processing <ul style="list-style-type: none"> - Introduction to Natural Language Processing - How NLP Works? Part: B- Unit-7, Advanced Python <ul style="list-style-type: none"> - Python Basics Recap - Introduction to Tools for AI - Working with Notebook Documents 	
9	December	24	19	Part: B- Unit-7, Advanced Python <ul style="list-style-type: none"> - Python Lists and Tuples - Flow Control and Conditions - Python Modules and Packages REVISION OF PART A AND PART B Solving Sample Papers	

• **Note :-**

- **Book Name :- Artificial Intelligence 10**
- **Publishers :- Edusoft ITS (P) Ltd.**
- **Teacher's Name:- Mr. Aman Kumar Sharma**