N. C. JINDAL PUBLIC SCHOOL,PUNJABI BAGH, NEW DELHI							
ANNUAL CURRICULUM (2024-25)							
CLASS:IX	SUBJECT:Artificial Intelligence		SUBJECT TEACHER: Ritika Dewan/ Richa Thareja /Megha Sethi				
Syllabus Topic	Academic Book	Chapter	Chapter Topic	Term	Start Date	End Date	No. of Periods
	Artificial Intelligence by Orange Publication	Unit 1: Introduction to AI	Introduction	I	1/4/2024	12/4/2024	4
			Types of AI	I			
			Future Of AI	I			
			Domains Of AI	I			
			What are SDG's (Sustainable Development Goals)?	I	4/15/2024	4/29/2024	4
			Applications of AI in Real -Life	I			
			Careers in AI	I			
			Role of AI to achieve SDGs	I			
			AI in India	I			
			Dynamic Waves in AI Research	I			
			AI Access	I			
			Advantages & Disadvantages of AI	I			
			Case Study of AI Start-ups in India	I	5/1/2024	5/17/2024	4
			Communication Skills-I	I			
				I			
		Unit 4: Introduction to Python	Stepa Involved in Computer Problem Solving	I	7/1/2024	7/12/2024	4
			Algorithm				
			Flowchart				
			Difference between Algorithm and Fowchart				
			What is Python?		7/15/2024	7/31/2024	4
			Role of Python in Artificial Intelligence				
			Statements in Python				
			Python Character Set				
			Tokens				
			Operators in Python				
			Control Statements				
			Part A: ICT Skills - I		8/1/2024	8/23/2024	6
			ICT				
			Computer Memory				
			Operating System				
			Internet				
			Digital India				
		REVISION			27/8/2024	11/9/2024	4
			Selection Statement	II	1/10/2024	16/10/2024	4
			Iterative Statements	II			

			Errors in Python	II			
			Operations on List	II			
			Part A:Self Management Skills-I	II	18/10/2024	10/30/2024	**2**
			Self- Management				
			Self-Management Skills				
			Self-Confidence				
		Unit 2 : AI Project Cycle	AI Project Cycle Framework	II	4/11/2024	16/11/2024	**4**
			Setting Goals for an AI Project	II			
			Data Acquisition	II			
			Data Visualisation	II			
			Data Visualisation Tools	II			
			Identifying the Stakeholders	II	11/11/2024	11/30/2024	**4**
			Problem Statement Template	II			
			What is Data?	II			
			Difference between AI, Machine Learning and Deep Learning	II			
			What is Modelling?	II			
			Data Modelling Techniques	II	12/2/2024	12/12/2024	**4**
			Decision Tree-Rule Based Approach	II			
			Pixel It- Learning Based	II			
			AI Project Evaluation	II			
			AI Project Deployment	II			
			Part A: Enterpreneurial Skills-I	II			
			Types of Businesses	II			
			Enterpreneurship	II			
			Difference between an Enterpreneur and Businessman	II			
		Unit 3:Neural Networks	Introduction	II			
			Why do we use Neural Networks?	II			
			Applications of Neural Networks	II			
			Advantages of Neural Networks	II			
			AI Models	II			
			Human Nervous System		16/12/2024	30/1/2024	**6**
			Relation between the Neural Network and Nervous System				
			Working of Neural Networks				
			Types of Neural Networks				
			Part A:Green Skills-I				
			Environment				
			Green Skills				

		Revision		II	31/1/2025	15/2/2025	**4**

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Half Yearly : 2024-25

CLASS:IX	SUBJECT:Artificial Intelligence	
Sl. No.	Chapter/Topic	Max. Marks
1	**Part A:** Unit 1: Communication Skills-I Unit 3:ICT Skills-I	10
2	**Part B:** Unit 1: Introduction to AI Unit 4: Introduction to Python (till Selection Statement)	40
	Total (Theory)	50
	Total (Practical)	50
	Total	100

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Annual: 2024-25		
CLASS:IX	**SUBJECT:Artificial Intelligence**	
Sl. No.	**Chapter/Topic**	**Max. Marks**
1	**Part A:** Unit 1: Communication Skills-I Unit 2: Self- Management Skills-I Unit 3: ICT Skills-I Unit 4: Entrepreneurial Skills-I Unit 5:Green Skills-I	10
2	**Part B:** Unit 1: Communication Skills Unit 2: AI Project Cycle Unit 3: Neural Networks Unit 4: Introduction to Python	40
	Total (Theory)	50
	Total (Practical)	50
	Total	100