



BIRLA PUBLIC SCHOOL GANGANAGAR

(A Unit of Birla Education Trust Pilani)

(A step ahead... ..)



CBSE Affiliation No. 1730974

Weekly & Monthly Planner

Session: 2025-26

Class: XII

Subject: Artificial Intelligence

Book Name: AI (KIPS)

Teacher's Name: Mr. Bharat

Month	Weeks & Dates	Chapter Name & No./ Topic	Learning Outcomes	Detail of Practical/ Activity with Date	Name of Event with Date
April 06/04/2025 Ram Navami	Week-1 (1 to 5)	Chapter: Review of Class 11 Python & Basics		Python warm-up	
April	Week-2 (7 to 12)	Chapter: Functions & Recursion	Implements recursion		
April 14/04/2025 Ambedkar Jayanti	Week-3 (14 to 19)	Chapter: File Handling (Advanced)	Binary files, CSV	CSV reader/writer program	
April	Week-4 (21 to 26)	Chapter: Data Structures	Topics: Stack, Queue using lists	Stack/queue simulation	
April	Week-5 (28 to 30)	Revision of Unit 1			
May	Week-1 (1 to 2)	Chapter: Pandas – Series	Creates and manipulates Series	Lab on Series	
May 07/06/2025 Eid-ul-Juha (Bakrid)	Week-2 (5 to 10)	Chapter: Pandas – DataFrames		Students DataFrame operations	
May	Week-3 (12 to 14)	Chapter: Matplotlib Basics		Draw line & bar charts	

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July	Week-1 (2 to 4)	Chapter: MySQL Revision	Topics: DDL, DML	Simple MySQL operations	
July	Week-2 (7 to 12)	Chapter: SQL - Joins	INNER, LEFT, RIGHT JOIN	Join queries	
July	Week-3 (14 to 19)	Chapter: SQL - Aggregate Functions		Group By, Having, Order By	
July	Week-4 (21 to 26)	Chapter: Computer Networks	Topics: Network types, devices, protocols	Network diagram creation	
July	Week -5 (28 to 31)	Chapter: Communication Media	Topics: Guided, unguided media	LAN lab demo	
August	Week-1 (1 to 2)	Chapter: Network Security	Topics: Malware, cryptography		
August 09/08/2025 Raksha Bandhan	Week-2 (4 to 9)	Chapter: Web Services	Topics: WWW, HTTP, Email protocols	Hands-on: DNS lookup	
August 15/08/2025 Independence Day 16/08/2025 Janmasthanmi	Week-3 (11 to 16)	Chapter: Cyber Laws & Ethics			
August	Week-4 (18 to 23)	Chapter: Project Work (Start)		Project proposal submission	
August	Week -5 (25 to 30)	Chapter: Project Work - Coding Phase			
September	Week-1 (1 to 6)	Revision Units 1-5	Recalls concepts	MCQs + Skill-based questions	
September	Week-2 (8 to 13)	Sample Paper Practice	Solves sample	Worksheet	

September	Week-3,4,5 (15 to 20)	Mid Term Examination			
October 02/10/2024 Gandhi Jayanti Dussehra	Week-1 (1 to 4)	Chapter: Data Handling Revision			
October	Week-2 (6 to 11)	Project Development – Phase II		Project proposal + coding plan	
October	Week-3 (13 to 17)	Finalisation of Project			
October	Week-5 (27 to 31)	Project Viva + Practical File Check			
November 05/11/2025 Guru Nanak Jayanti	Week-1 (3 to 8)	Theory Revision – Python, DS, DBMS	Revision	Revision	
November	Week-2 (10 to 15)	CS Practical File Completion			
November	Week-3 (17 to 22)	Network Revision	Revision	Revision	
November	Week-5 (24 to 29)	Sample Paper Set 1,2	Practices papers	Practices papers	
December	Week-1 (1 to 6)	Pre-Board Revision	Practices papers	Revision	
December	Week-2,3 (8 to 13)	PT - II EXAM			
January	Week-3 (17)	Project Presentation	Presents project confidently. Answers viva questions	Prepare PPT (10 slides). Prepare AI Portfolio.	

January 26/01/2026 Republic Day	Week-4,5 (19 to 24)	Revision & Problem-Solving Sessions: Mock test with past CBSE papers	Practices papers	Revision	
February	Week-1 (2 to 7)	Revision & Problem-Solving Sessions: Mock test with past CBSE papers	Practices papers	Revision	
February 16/02/2026 Mahashivratri	Week-2,3 (16 to 21)	Revision & Problem-Solving Sessions: Mock test with past CBSE papers	Practices papers	Revision	
February	Week-4 (23 to 28)	Revision & Problem-Solving Sessions: Mock test with past CBSE papers	Practices papers	Revision	
March 03/03/2026 Holika Dahan 04/03/2026 Holi	Week-1 (2 to 7)	Revision & Problem-Solving Sessions: Mock test with past CBSE papers	Practices papers	Revision	
March	Week-2,3,4,5 (8 to 14)	Annual Examination			

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