RAINBOW PUBLIC SCHOOL
AFFILIATED TO C.B.S.E (+2)
➢ ***Month-Wise Distribution of Syllabus for Std:–'X' (Session : 2025-26)***

SUBJECT: – ENGLISH

Month & W. Days	*Chapters / Topics*
April (19 days)	**Literature :-** Book 1 – First Flight Ch-1. A Letter To God, Ch-2. Nelson Mandela Long Walk To Freedom, Ch-3. Two Stories About Flying : (i) His First Flight, (ii) Black Aeroplane **Poems** – Dust of Snow , Fire And Ice , A tiger In the Zoo Book 2 – Footprints Without Feet Ch-1. A Triumph of Surgery, Ch-2. The Thief's story **Writing Section –** Letter to The Editor **Grammar Section –** TENSES
May (12 days)	**Literature :-** Book 1 – First Flight Ch-3. Two Stories About Flying (ii) Black Aeroplane Ch-4. From The Diary of Anne Frank **Poems** – How To Tell Wild Animals The Ball Poem , Amanda Book 2 – Footprints Without Feet Ch-2. The Thief's Story (cont.) **Writing Section –** Order Placement Letter **Grammar Section –** Modals , Prepositions
June (14 days)	**Literature :-** Book 1 – First Flight Ch-5. The Hundred Dresses-I, Ch-6. The Hundred Dresses-II, Ch-7. Glimpses of India : (i) A Baker from Goa **Poems –** Animals Book 2 – Footprints Without Feet Ch-3. The Midnight Visitor , Ch-4. Question of Trust **Writing Section –** Complaint Letter **Grammar Section –** Determiners
July (25 days)	**Literature :-** Book 1 – First Flight Ch-7. Glimpses of India (ii) Coorg, (iii) Tea From Assam Ch-8. Mijbil – The Otter **Poem –** The Trees , Fog Book 2 – Footprints Without Feet Ch-5. Footprints Without Feet, Ch-6. The Making of A Scientist. **Writing Section –** Enquiry Letter **Grammar Section –** Reported speech
August (20 days)	**Revision for Half Yearly Examination**
September (09 days)	**Literature :-** Book 1 – First Flight Ch-9. Madam Rides The Bus , Ch-10. The Sermon At Benares **Poem –** The Tale of Custard , The Dragon, For Anne Gregory. Book 2 – Footprints Without Feet

	Ch-7. The Necklace, Ch-8. The Hack Driver **Writing Section –** Letter to the Editor **Grammar Section –** Subject Verb Agreement.
October (16 days)	**Literature :-** Book 1 – First Flight Ch-11. The Proposal Book 2 – Footprints Without Feet Ch-09. Bholi , Ch-10. The Book That Saved The Earth **Writing Section –** Revision **Grammar Section –** Active & Passive voice.
November (19 days)	**Revision for Annual Examination**
December (22 days)	
January (19 days)	
February (17 days)	

विषय: – हिन्दी

माह	कार्य दिवसों की संख्या	हिंदी पाठ्य पुस्तक क्षितिज व कृतिका	व्याकरण
अप्रैल	१६	पाठ–१ पद सूरदास पाठ–१० नेताजी का चश्मा	वाक्य भेद – रचना के आधार पर
मई	१२	पाठ–२ राम लक्ष्मण, परशुराम संवाद कृतिका पाठ–१ माता का आँचल	वाक्य भेद
जून	१४	पाठ–११ बालगोबिन भगत , कृतिका पाठ–३ साना–साना हाथ जोड़ि	वाच्य स्ववृत्त लेखन
जुलाई	२५	पाठ–४ आत्मकथ्य पाठ–१२ लखनवी अंदाज	पद – परिचय विज्ञापन लेखन अनुच्छेद लेखन
अगस्त	२०	पाठ–५ उत्साह, अट नहीं रही है पाठ–१६ नौबतखाने में इबादत	अलंकार संदेश लेखन पत्र लेखन
सितम्बर	०६	**अद्‌र्धवार्षिक परीक्षा**	
अक्टूबर	१६	पाठ–६ यह दंतुरित मुस्कान फसल पाठ–१४ एक कहानी यह भी	अलंकार ईमेल लेखन
नवम्बर	१६	पाठ–६ संगतकार	पद परिचय अनुच्छेद लेखन
दिसम्बर	२२	पाठ–१७ संस्कृति	पत्र लेखन वाच्य
जनवरी	१६	कृतिका – पाठ–३ साना–साना हाथ जोड़ि कृतिका पाठ–५ मैं क्यों लिखता हूँ	स्ववृत्त लेखन, विज्ञापन लेखन, अलंकार
फरवरी	१७	**पुनरावृत्ति वार्षिक परीक्षा**	

विषयः – संस्कृत

माह	कार्य दिवसों की संख्या	पाठ्य पुस्तकात्	व्याकरणादि खण्डात्
अप्रैल	१६	प्रथमः पाठः – 'शुचिपर्यावरणं' द्वितीय पाठः – बृद्धिंबलवती सदा सरलार्थ + पाठ्याभ्यास	वर्ण – वर्ण परिचयं, वर्ण–संयोजनं वियोजनं च, संधि – व्यंजन संधि – जशत्व, प्रथम वर्णस्य पंचम वर्णे परिवर्तनं अव्यय – अनुवादे प्रयोगाः
मई	१२	तृतीय पाठः – व्यायायाम् सदा पथ्य सरलार्थ – अभ्यास कार्य च।	• पत्र लेखनं, चित्रवर्णनं, अनुवादं, समय लेखनं, प्रत्ययं परिचयं
जून	१४	चतुर्थ पाठः – 'शिशुपालनम्' सरलार्थ – अभ्यासं च।	• तद्धित प्रत्यय – मतुप्, ठक्, त्व, तल च • समास – परिचयं, तत्पुरूष समास – सर्वे विभक्ति
जुलाई	२५	पञ्चम् पाठः – जननी तुल्यवत्सला सरलार्थ अभ्यास कार्य च।	• स्त्री प्रत्यय – टाप्, ङीप् • प्रशन निर्माणं • गद्यांश च
अगस्त	२०	षष्ठ पाठः – सुभाषितानि श्लोकार्थाः अन्वयाध	• घटना क्रमानुसारेण, कथा लेखनं • वाच्य परिवर्तनं केवल लट् लकारे • अनुवाद प्रकरणं
सितम्बर	०६	सप्तम पाठः – सौहार्दं प्रकृते शोभा सरलार्थः पाठाभ्यासः च। घटना क्रमम्	• प्रर्याय पदानाम् • विलोम पदानां • अशुद्धि संशोधनं • पद्यांशाधारीतं • प्रश्नोतराणि
अक्टूबर	१६	पाठ अष्ठम्ः – विचित्र साक्षीः सरलार्थः अभ्यासः च।	• पत्र लेखनं अभ्यासः • समास – अव्ययी भाव • समासान्तर्गते षष्ठ • उपसर्गायुक्त पदानाम् प्रयोगाः। • धातु रूपाणि (पञ्च लकारे) • शब्द रूपाणि संख्यापदी • संख्या पदं – १ से १००
नवम्बर	१६	नवम् पाठः – 'सूक्तयः' सरलार्थं, अन्वयः पाठाभ्यासः	• अनुवादं • वाक्य संशोधनं • प्रश्न निर्माणं • सन्धि – विसर्ग – उत्व, सत्व, रूत्व, लोपः च।
दिसम्बर	२२	द्वादशः पाठः – अन्योक्तयः सरलार्थं – अन्वयः पाठाभ्यासं च।	• संधि , प्रत्यय • पत्र लेखनं – वाच्य • विलोम पर्याय पदं च, समय लेखनं, संख्यापदं।
जनवरी	१६	**पुनरावृति सम्पूर्ण कार्याणि**	
फरवरी	१७		

SUBJECT: – MATHS

Month & W. Days	*Chapter name and Content*	*Activity / Projects*
April (19 days)	**REAL NUMBERS** **Topics:** Fundamental Theorem of Arithmetic – statements after reviewing work done earlier and after illustrating and motivating through examples. Decimal representation of rational numbers in terms of terminating/non-terminating recurring decimals. Proof of Irrational $\sqrt{2}$, $\sqrt{3}$, $\sqrt{5}$ **POLYNOMIALS** **Topics:** Zeros of a polynomial, Relationship between zeros and coefficients of quadratic polynomial only.	
May (12 days)	**PAIR OF LINEAR EQUATIONS IN TWO VARIABLES** Pair of linear equations in two variables and graphical method of their solution, consistency/Inconsistency. Algebraic conditions for number of solutions of pair of linear equations in two variables, algebraically – by substitution and by elimination. Simple situational problems. Simple problems on equations reducible to linear equations. **COORDINATE GEOMETRY** Lines (in two dimensions) Review : Concepts of coordinate geometry, graphs of linear equations. Distance formula, Section formula (internal division).	
June (14 days)	**TRIANGLES** Definitions, examples, Counter examples of similar triangles. 1. (Prove) If a line is drawn parallel to one side of a triangle to intersect the other two sides in distinct points, then the other two sides are divided in the same ratio. 2. (Motivate) If a line divides two sides of a triangle in the same ratio, then the line is parallel to the third side. 3. (Motivate) If in two triangles, the corresponding angles are equal, then their corresponding sides are proportional and the triangles are similar. 4. (Motivate) If the corresponding sides of two triangles are proportional, then their corresponding angles are equal and the two triangles are similar. 5. (Motivate) If one angle of a triangle is equal to one angle of another triangle and the sides including these angles are proportional, then the two triangles are similar.	
July (25 days)	**INTRODUCTION TO TRIGONOMETRY** Trigonometric ratios of an acute angle of a right angled triangle. Proof of their existence (well defined); values of the trigonometric ratios of 30^0, 45^0 and 60^0. Relationship between the ratios. **TRIGONOMETRIC IDENTITIES** Proof and application of the identity $Sin^2A + cos^2A = 1$ only simple identities to be given.	
August (20 days)	**MENSURATION : Areas Related To Circles** Motivate the area of circle; area of sectors and segments of a circle. Problems based on areas and perimeter / Circumference of the above said plane figures. (In calculating area of segment of a circle, problems should be restricted to central angle of 60^0, 90^0 and 120^0 only. Plane figures involving triangles, Simple quadrilaterals and circle should be taken). **PROBABILITY** Classical definition of probability. Simple problems on finding the probability of on event.	

September (09 days)	**Revision for Half Yearly Examination**	
October (16 days)	**HEIGHT AND DISTANCES** Angle of elevation. Angle of depression. Simple problems on heights and distances. Problems should not involve more than two right triangles. Angle of elevation / depression should be only 30^0, 45^0, 60^0. **STATISTICS** Mean, Median, and Mode of grouped data (bimodal situation to be avoided). Mean by direct method and Assumed mean method only. **CIRCLES** Tangents to a circle at point of contact. 1. (Prove) The tangent at any point of a circle is perpendicular to the radius through the point of contact. 2. (Prove) The length of tangents drawn from an external point to a circle are equal.	
November (19 days)	**MENSURATION (SURFACE AREAS AND VOLUMES)** 1. Surface areas and volumes of combinations of any two of the following : Cubes, Cuboids, Spheres, Hemispheres, and right circular cylinders / cones. 2. Problems involving converting one type of metallic solid into another and other mixed problems. (Problems with combination of not more than two different solids be taken). **QUADRATIC EQUATIONS** Standard form of a quadratic equation $an^2 + bx + c = 0$ $(a \neq 0)$. Solutions of quadratic equations (only real roots) by factorisation. Situational problems based on quadratic equations related to day to day activities (Problems on equations reducible to quadratic equations are excluded).	
December (22 days)	**ARITHMETIC PROGRESSIONS** Motivation for studying Arithmetic progression, Derivation of the nth term and the sum of first a terms of A.P and their application in solving daily life problems. (Applications based on sum to n terms of on A.P are excluded).	
January (19 days)	**Revision for Annual Examination**	
February (17 days)		

SUBJECT- PHYSICS

Month &W. Days	**Chapters**	**Content/Sub-topic in Detail**
April (19 days)	**Unit : III Natural Phenomena** **Light-Reflection and Refraction**	Reflection of light by curved surfaces; I mages formed by spherical mirrors, centre of curvature, Principal, Principal focus, focal length, mirror formula (Derivation not required), magnification.
May (12 days)	**Light : Reflection and Refraction**	Refraction; Laws of refraction, refractive index.

June (14 days)	**Light : Reflection and Refraction**	Refraction of light by spherical lens; Image formed by spherical lenses; Lens formula (Derivation not required); Magnification, Power of a lens.
July (25 days)	**The Human Eye and Colourful World**	Functioning of a lens in human eye, defects of vision and their corrections, applications of spherical mirrors and lenses.
August (20 days)	**The Human Eye and Colourful World**	Refraction of light through a Prism, dispersion of light, scattering of light, applications in daily life (excluding colour of the sun at sunrise and sunset).
September (09 days)	**Revision for Half Yearly Examination**	
October (16 days)	**Unit : IV Effects of Current** **Electricity**	Electric current, Potential difference and electric current. Ohm's law; Resistance, Resistivity, Factors on which the resistance of a conductor depends. Series combination of resistors, Parallel combination of resistors and its applications in daily life. Heating effect of electric current and its applications in daily life. Electric power, Interrelation between P, V, I and R.
November (19 days)	**Magnetic effects of current**	Magnetic field, field lines, field due to a current carrying conductor, field due to current carrying coil or solenoid; Force on current carrying conductor, Fleming's Left hand Rule, Direct current, Alternating current: frequency of AC. Advantage of AC over DC. Domestic electric circuits.
December (22 days)		
January (19 days)		
February (17 days)	**Revision for Annual Examination**	

SUBJECT- CHEMISTRY

Month &W. Days	**Chapter / Topic**	**Activity / Project**
April (19 days)	**CHEMICAL REACTIONS AND EQUATIONS** Chemical Equation – Skeletal and balanced chemical equations. Types of Chemical Equation – Combination, Decomposition, Displacement, Double Displacement, Oxidation and Reduction Reaction. Corrosion – Types and Precautions, RANCIDITY.	Performing and observing the action of **(19)** Water on Quick line (ii) heat on Ferrous sulphate crystals (iii) Reaction between sodium sulphate and Barium Chloride solution.
May (12 days)	**ACIDS, BASES and SALTS** Physical and Chemical properties of Acids.	
June (14 days)	**Chemical Properties of Bases** Common in all Acids and all bases. How strong are acids and Base solutions? Importance of pH in everyday life. Family of Salts.	

July (25 days)	**pH of Salts** Chemicals from common salt – Preparation and uses: Sodium Hydroxide, Bleaching Power, Baking soda, Washing soda, Plaster of Paris, Water of crystallization.	To determine the pH of the given samples using pH **(19)** Oil.CH3COOH (ii) Oil.NaOH (iii) Salt NaCl
August (20 days)	**METALS AND NON METALS** Physical properties of Metal and Non-Metal chemical properties of Metals and Non-metals. Reactivity series.	
September (09 days)	How do metals and Non-metals react. Properties of Ionic compounds: Occurrence of Metals. Extraction of Metals, steps involved in high, medium and low reactivity corrosion and prevention of corrosion. **REVISION FOR HALF YEARLY EXAMINATION**	Observe the action of Zinc, iron, copper and Aluminium metals for following salts a) $ZnSO_4$ b) $FeSO_4$ c) $CuSO_4$ d) $Al_2(SO_4)_3$
October (16 days)	**CARBON AND ITS COMPOUNDS.** **19.** Bonding in carbon – the covalent Bond. Versatile nature of carbon. Saturated and Unsaturated Hydrocarbon compounds. Chains, Branches and Rings.	
November (19 days)	Functional Groups and Homologous series, Nomenclature of carbon compounds. Chemical properties of carbon compounds. a) Combustion b) Oxidation c) Addition d) Substitution Soaps and Detergents.	Study the comparative cleaning capacity of a sample of soap in soft and hard water.
December (22 days)	**REVISION FOR ANNUAL EXAMINATION**	
January (19 days)		
February (17 days)		

SUBJECT: – BIOLOGY

Month & W. Days	*Chapters*	*Topics*	*Activity*
April (19 days)	**Life Processes**	• Nutrition • Types of Nutrition • Nutrition in Amoeba • Nutrition in Human • Human digestive system • Human Respiratory system. • Metabolism of glucose.	To Prepare a temporary mount of leaf peel to show stomata.
May (12 days)	**Life Processes**	• Breathing mechanism • Transportation in Human (Circulatory system). • Plant transport system	

June (14 days)	**Life Processes**	• Excretion, Human Excretory system. • Structure and function of Nephron. • Hemodialysis	
July (25 days)	**Control & Co-ordination**	• Nervous system • Structure of neuron • Reflex action • Human Brain • Coordination in plants • Hormones in Animals	
August (20 days)	**How Do organisms Reproduces**	• The importance of variation • Modes of Reproduction used by single organisms • Fission • Fragmentation • Regeneration • Budding • Vegetative propagation • Spore Formation	Binary fission in Amoeba and Budding in yeast.
September (09 days)	**Revision for Half Yearly Exam.**		
October (16 days)	**How Do organisms Reproduces**	• Sexual Reproduction • Sexual Reproduction in flowering plants • Reproduction in Human beings • Male Reproductive system • Female Reproductive system • Reproductive health	
November (19 days)	**Heredity**	• Accumulation of variation during reproduction. • Heredity • Rules for the inheritance of traits. • Sex Determination	
December (22 days)	**Our Environment**	• Ecosystem • Food chains and webs • Environment problems • Ozone depletion	
January (19 days)	**Our Environment**	• Waste production • Biodegradable • Non-biodegradables substance.	
February (17 days)	**Revision for Annual Exam.**		

SUBJECT: – S.St

Month &W. Days	*(Chapters Name and Content)*
April (19 days)	**L-1. The rise of Nationalism in Europe (History)** **Topics :-** The French revolution and the idea of the Nation, The making of nationalism in Europe, The age of revolutions, The making of Germany and Italy, Visualising the Nation, Nationalism and Imperialism. **L-1. Resources and Development (Geography)** **Topics :-** Introduction, Development of resources, Resource planning, Resource planning in India,

	Conservation of resources, Loan use and soil resource, Land utilization, Land use pattern in India, Land degradation and conservation measures. **L-1. Power sharing (Civics)** **Topics :-** Belgium and Sri Lanka, Majoritarianism in Sri Lanka, Accommodation in Belgium, Forms of Power Sharing. **L-1. Development (Economics)** **Topics :-** What development promises – different people, different goals, Income and other goals, National development, How to compare different countries or state, Income and other criteria / facilities, Sustainability of development.
May (12 days)	**L-2. Nationalism in India (History)** **Topics :-** The First World War, Khilafat and Non-Cooperation, Differring strands within the movement, Towards civil Disobedience, The sense of collective belonging. **L-2. Forest and Wildlife (Geography)** **Topics :-** Conservation of forest and wildlife in India, Types and distribution of forest and wildlife resources, Community and conservation. **L-2. Federalism (Civics)** **Topics :-** What is Federalism?, What makes India a federal country?, How is Federalism practiced?, Decentralisation in India. **L-2. Sectors of the Indian Economy (Economics)** **Topics :-** Sectors of the economic activities, Comparing the three sectors – Primary, Secondary and Tertiary sectors in India, Division of Sectors as organized and Unorganized, Sectors in terms of ownership : Public and Private sectors.
June (14 days)	**L-3. The making of Global world (History)** **Topics :-** Pre modern world, The Nineteenth century (1815-1914), The inter war economy, Rebuilding a world. **L-3. Water Resource (Geography)** **Topics :-** Water scarcity and the need for water conservation and management. **L-4. Gender, Religion and Caste (Civics)** **Topics :-** Gender and Politics – Public / Private division, Women's representation, Religion, Communalism and Politics – Communalism, Secular state. **L-3. Money and Credit (Economics)** **Topics :-** Money as a medium of exchange, Modern form of money, Loan activities of Banks.
July (25 days)	**L-4. The Age of Industrialization (History)** **Topics :-** Before the industrial revolution, Hand Labour and steam power, Industrialization in the colonies. **L-3. Water Resources (Geography)** **Topics :-** Multipurpose River Projects and Integrated water resources management, Rainwater harvesting. **L-4. Gender, Religion and Caste (Civics)** **Topics :-** Caste and Politics – Caste inequalities, Caste in politics, Politics in caste. **L-3. Money and Credit (Economics)** **Topics :-** Two different credit situation, Terms of credit, Formal sector credit in India, Self Help Groups for the poor.
August (20 days)	**L-4. The Age of Industrialization (History)** **Topics :-** Factories come up, The Peculiarities of Industrial growth, Market for Goods. **L-4. Agriculture (Geography)** **Topics :-** Types of Farming – Primitive subsistence, Intensive subsistence, Commercial; Cropping pattern – Major crop, Food crop, Non food crop. **L-6. Political Parties (Civics)** **Topics :-** Why do we need political parties? – Meaning, Functions necessity, How many parties should we have?, National parties, State Parties. **L-4. Globalisation and the Indian Economy (Economics)** **Topics :-** Production across country, Interlinking production across countries, Foreign Trade and integration of market.

September (09 days)	**Revision for Half Yearly Examination**
October (16 days)	**L-5. Print culture and the Mordern world (History)** **Topics :-** The first printed Books, Print comes to Europe, The print revolution and its impact, Reading mania. **L-4. Agriculture (Geography)** **Topics :-** Technological and Institutional reform, Food Security. **L-6. Political Parties (Civics)** **Topics :-** Challenges to political parties, How can parties be reformed? **L-4. Globalisation and the Indian Economy (Economics)** **Topics :-** What is Globalisation?, Factors that have enabled Globalisation.
November (19 days)	**L-5. Print culture and the modern world (History)** **Topics :-** The 19th century, Indian and the world of print, Religious reform and public Debates, New form of Publication, Print and censorship. **L-5. Minerals and Energy resources (Geography)** **Topics :-** What is a mineral?, Mode of occurance of minerals, Conservation of minerals, Energy resources, Conservation of Energy resources. **L-7. Out comes of Democracy (Civics)** **Topics :-** How do we assess democracy's outcomes, Accountable, responsive and legitimate govt., Economic growth and development, Reduction of inequality and poverty, Accommodation of social diversity, Dignity and freedom of citizens.
December (22 days)	**Revision for Pre-board Examination (History)** **L-6. Manufacturing Industries (Geography)** **Topics:-** Importance of Manufacturing – Industries, Agro based Industries, Mineral based Industries, Industrial pollution and Environmental degradation. **L-7. Life Lines of National Economy (Economics)** **Topics:-** Inter disciplinary project and Map.
January (19 days)	**Revision for Annual Examination**
February (17 days)	

SUBJECT – ARTIFICIAL INTELLIGENCE (SUB. CODE 417)

Month (WD)	Unit	Chapter
APRIL	A	Unit 1: Communication Skills-II
	B	Unit 1: Revisiting AI Project Cycle & Ethical Frameworks for AI a. Understand the stages of the AI Project Cycle. b. Understand the concept of Artificial Intelligence (AI) domains and the illustrations of practical applications within each AI domain.
M A Y	A	Unit 2: Self-Management Skills-II

	B	Unit 2: Advanced Concepts of Modeling in AI a. Differentiate between AI, ML, and DL b. Common terminologies used with data c. Familiarize with supervised, unsupervised and reinforcement learning based approach d. Understand subcategories of Supervised, Unsupervised and deep learning models e. Understand Neural Networks f. Understand how AI makes a decision
JUNE	A	Unit 3: ICT Skills-II
	C	Unit 7: Advance Python (if – else , while) ● Write a program to add the elements of the two lists. ● Write a program to calculate mean, median and mode using Numpy ● Write a program to display line chart from (2,5) to (9,10).
JULY	A	Unit 4: Entrepreneurial Skills-II
	B	Unit 4: Statistical Data Define the concept of Statistical Data and understand its applications in various fields.
	C	Unit 7: Advance Python (For Loop) ● Write a program to display a scatter chart for the following points (2,5), (9,10),(8,3),(5,7),(6,18). ● Read the csv file saved in your system and display 10 rows. ● Read csv file saved in your system and display its information ● Write a program to read an image and display using Python ● Write a program to read an image and identify its shape using Python
AUGUST	A	Unit 5: Green Skills-II
	B	Unit 3: Evaluating Models Understand the role of evaluation in the development and implementation of AI systems. Understand Train-test split method for evaluating the performance of a machine learning algorithm
	C	Unit 7: Advance Python (List , tuple)
SEPTEMBER	A	**Unit 5: Computer Vision** Understand the basic concepts of image representation, feature extraction, object detection, and segmentation. Understand the basic architecture of a CNN and its applications in computer vision and image recognition
	C	**Unit 7: Advance Python**
OCTOBER	A	**Unit 6: Natural Language Processing** • Comprehend the complexities of natural languages. and elaborate on the need for NLP techniques for machines to understand various natural languages effectively. • Understand the concepts like lexicon, syntax, semantics, and logical analysis of input text.

NOVEMBER		**PROJECT WORK** a. AI Project Development Using b. Statistical Data for AI: Prediction of palmer penguin species c. Computer Vision: Early detection of coral bleaching d. Natural Language Processing: Sentiment Analysis **Students' participation in the following-** • AI for Youth Bootcamp • AI Fests/ Exhibition • Participation in any AI training sessions • Virtual tours of companies using AI to get acquainted with real-life usage
DECEMBER		REVISION

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