Annual Syllabus
Session : 2024-25
Class : X

SUBJECT : English (SUBJECT CODE 184)		
Books Prescribed : First Flight , Footprint without feet		
Month	**Chapter No. and Name**	**Activity / Project/ Practical**
March **April** **May**	FIRST FLIGHT - Ch. 1: A Letter to God Poems: Dust of Snow, Fire And Ice FOOTPRINTS WITHOUT FEET- Ch.1: A Triumph OF Surgery, Ch.2: The Thief's Story GRAMMAR - Determiners, Subject-verb Agreement Passive Voice, Gap Filling, Cloze Passage, Editing, Integrated Grammar WRITING - Formal Letter	**Debate Writing** **Notice Writing** **Letter Writing** **Article Writing**
July	FIRST FLIGHT - Ch.2: Nelson Mandela: Long Walk to freedom, Ch.3: Two Stories about Flying • His First Flight • Black Aeroplane Poems: A Tiger in the Zoo, How to tell Wild Animals, The Ball Poem FOOTPRINTS - Ch.3: The Midnight Visitor, Ch.4: A Question of Trust WITHOUT FEET GRAMMAR - Tenses, Modals, Dialogue Writing, Integrated Grammar WRITING - Formal Letter	**Write a biography on Nelson Mandela**

Month	Syllabus	Practical/Project
August	FIRST FLIGHT - Ch.4: From the Diary of Anne Frank, Ch.5: The Hundred Dresses-I, Ch.6: The Hundred Dresses-II Poems: Amanda!, Animals FOOTPRINTS - Ch.5: Footprints Without Feet, Ch.6: The Making of a WITHOUT FEET Scientist GRAMMAR - Reported Speech, Clauses, Prepositions WRITING -	PPT on hundred dresses

Create a prop of dress as per your creativity the way Wanda did |
	Formal Letter, Data Interpretation	
September	FIRST FLIGHT - Ch.7 Glimpses of India, Ch.8: Mijbil the Otter Poems: The Trees, Fog FOOTPRINTS - Ch.7: The Necklace, Ch.8: The Hack Driver WITHOUT FEET GRAMMAR - Integrated Grammar WRITING - Data Interpretation (Revision)	Group Discussion
October	Revision for Half Yearly Exams	Debate
November	FIRST FLIGHT - CH.9: Madam Rides The Bus, Ch.10: The Sermon at Benaras , CH. 11: The Proposal Poems: The Tale of Custard the Dragon, For Anne Gregory FOOTPRINTS - Ch.9: Bholi, Ch. 10: The Book that Saved the Earth WITHOUT FEET GRAMMAR - Integrated Grammar WRITING - Formal Letter (Revision)	JAM - Just a minute
December	Full Syllabus Revision	ASL
January	Full Syllabus Revision	ASL
February	Full Syllabus Revision	ASL

Syllabus for Assessment 2024-25

	Assessment	Syllabus of Assessment	Practical/Project

Term - 1	**PT-1**	FIRST FLIGHT - Ch. 1: A Letter to God Poems: Dust of Snow, Fire And Ice FOOTPRINTS - Ch.1: A Triumph OF Surgery, Ch.2: The Thief's Story WITHOUT FEET GRAMMAR - Determiners, Subject-verb Agreement, Passive Voice, Gap Filling, Cloze Passage, Editing, Integrated Grammar WRITING - Formal Letter	c
	PT-2	- FIRST FLIGHT - Ch.7 Glimpses of - India, Ch.8: Mijbil the Otter Poems: The Trees, Fog FOOTPRINTS - Ch.7: The Necklace, Ch.8: The Hack Driver WITHOUT FEET GRAMMAR - - Integrated Grammar WRITING - Data Interpretation (Revision)	Group Discussion
Term - 2	**Half Yearly**	FIRST FLIGHT - Ch.2: Nelson Mandela: Long Walk to freedom, Ch.3: Two Stories about Flying • His First Flight • Black Aeroplane Poems: A Tiger in the Zoo, How to tell Wild Animals, The Ball Poem FOOTPRINTS - Ch.3: The Midnight Visitor, Ch.4: A Question of Trust WITHOUT FEET GRAMMAR - Tenses, Modals, Dialogue Writing, Integrated Grammar WRITING - Formal Letter FIRST FLIGHT - Ch.4: From the Diary of Anne Frank, Ch.5: The Hundred Dresses-I, Ch.6: The Hundred Dresses-II Poems: Amanda!, Animals FOOTPRINTS - Ch.5: Footprints Without Feet, Ch.6: The Making of a WITHOUT FEET Scientist GRAMMAR - Reported Speech, Clauses, Prepositions WRITING - Formal Letter, Data Interpretation	Creative Writing
	PT-3	FIRST FLIGHT - CH.9: Madam Rides The Bus, Ch.10: The Sermon at Benaras , CH. 11: The Proposal Poems: The Tale of Custard the Dragon, For Anne Gregory FOOTPRINTS - Ch.9: Bholi, Ch. 10: The Book that Saved the Earth WITHOUT FEET GRAMMAR - Integrated Grammar WRITING - Formal Letter (Revision)	Extempore JAM - Just a minute Debate

	Annual Exam	Full Syllabus	ASL

SUBJECT : HINDI , Code(085)

Books Prescribed :   1.**स्पर्श भाग** - 2

　　　　　　　　　2.**संचयन भाग** -2

　　　　　　　　　3. रचनात्मक व्याकरण

Month	Chapter No. and Name	Activity / Project/ Practical
March / April	<u>**हिंदी पाठ्यपुस्तक (स्पर्श)**</u> 　　**गद्य खंड** **पाठ- 10 बड़े भाई साहब कहानी (प्रेमचंद)** 　　**पद्य खंड** **पाठ -1 .कबीर की साखी** 　　**व्याकरण** 1. **समास** 2. **अपठित गद्यांश**	कबीर **के दोहों पर श्रवण -वाचन प्रतियोगिता।**
MAY	**हिंदी पाठ्यपुस्तक** 　　**गद्य खंड** **पाठ 11 डायरी का एक पन्ना(सीताराम केसरिया)** 　**पाठ -12 तंतारा वामीरो कथा(लीलाधर मंडलोई)** 　　**पद्य खंड** **पाठ -2 मीरा के पद** **पाठ 4 मनुष्यता कविता** 　　**व्याकरण** 3. **रचना के आधार पर वाक्य** रूपांतरण	मीरा **के दोहे पर एक सुंदर पी.पी.टी हिंदी में तैयार कीजिए।**
July	<u>**स्पर्श पुस्तक**</u> 　　**गद्य खंड** **पाठ 13 तीसरी पीढ़ी के शिल्पकार शैलेंद्र कहानी (फणीश्वर नाथ रेणु)**	स्पर्श **पाठ्च पुस्तक से किसी कहानी में आए 10 मुहावरों को A4 साइट सीट पर लिखिए ।**

	पाठ-15. अब कहां दूसरों के दुख से दुखी होने वाले लेख (निदा फ़ाज़ली)	
	पद्य खंड	
	पाठ -5 पर्वत प्रदेश में पावस कविता(सुमित्रानंदन पंत)	
	पाठ 7 तोप कविता(वीरेंन डंगवाल)	
	संचयन पाठ्य पुस्तक	
	पाठ- 1 हरिहर काका कहानी (मिथिलेश्वर)	
	व्याकरण	
	4.पदबंध	
	5. मुहावरे	
September	संचयन पुस्तक	अपनी **इच्छा से** एक सूचना **का निर्माण अ4 साइज शीट पर कीजिए।**
	पाठ- 2.सपनों के-से दिन आत्मकथा (गुरुदयाल सिंह)	
	स्पर्श पुस्तक	
	पाठ-8.कर चले हम फिदा कविता (कैफ़ी आज़मी)	
	पाठ 9 आत्मत्राण कविता (रविंद्र नाथ टैगोर)	
	गद्य खंड	
	पाठ- 16 पतझड़ में टूटी पत्तियां (केलेकर)	
	संचयन पुस्तक	
	पाठ- 3.टोपी शुक्ला कहानी (राही मासूम)	
October	गद्य खंड	किसी वीर **सेनानी** की वीर गाथा **पर मौखिक अभिव्यक्ति।**
	पाठ- 17 .*कारतूस एकां*की(हबीब तनवीर)	
	व्याकरण रचनात्मक लेखन	
	6.अनुच्छेद लेखन	
	7.औपचारिक पत्र	
	8.लघु कथा	
November	व्याकरण	किसी भी विषय पर a

		9.सूचना 10.विज्ञापन	4शीट एक सूचना का निर्माण कीजिए।
December		समस्त **पाठ्य क्रम का दौहरान** व पूर्व परीक्षा **पर चर्चा व समाधान**	किसी भी विषय पर a4 फीट पर एक **विज्ञापन** का निर्माण कीजिए।
January		**समस्त पाठ्य क्रम का दौहरान** व पूर्व परीक्षा पर चर्चा व समाधान	किसी **भी विषय पर एक लेखन प्रतियोगिता का आयोजन।**
February		लेखन **परीक्षण के द्वारा** दोहरान कार्य	अपनी **इच्छा से एक लघु कथा** ə4 साइज शीट पर लिखिए।
March		संपूर्ण **पाठ्यक्रम का दौहरान** व **समस्या समाधान**	श्रवण **वाचन गतिविधि** का आयोजन

Syllabus for   Assessment 2024-25

	Assessment	Syllabus of Assessment	Practical/Project
Term - 1	PT-1	**हिंदी पाठ्यपुस्तक (स्पर्श)** गद्य खंड पाठ -10 **बड़े भाई साहब कहानी(प्रेमचंद)** पद्य खंड पाठ 1.**कबीर की साखी** संचयन पाठ्य पुस्तक पाठ -1 हरिहर काका कहानी (मिथिलेश्वर) व्याकरण 1. **समास** 2.**अपठित गद्यांश** 3.**रचना के आधार पर वाक्य रूपांतरण**	**कविता का उचित लय गति से** वाचन।।
	PT-2	**स्पर्श पुस्तक** पद्य खंड पाठ- 4.**मनुष्यता कविता(मैथिलीशरण**	**भारतीय ऐतिहासिक इमारतों के बारे में लिखकर एक पी.पी.टी तैयार कीजिए।**

		गुप्त) **गद्य खंड** **पाठ -16 झेन की देन कहानी (रविंद्र केलेकर)** संचयन पाठ्यपुस्तक **पाठ 1 हरिहर काका कहानी (मिथिलेश्वर)** व्याकरण 1.औपचारिक पत्र **2.अनुच्छेद**	

Half Yearly		<u>**हिंदी पाठ्यपुस्तक (स्पर्श)**</u>
		    गद्य खंड
		पाठ 10 बड़े भाई साहब कहानी(प्रेमचंद)
		पाठ 11 डायरी का एक पन्ना(सीताराम केसरिया)
		पाठ -12 तंतारा वामीरो कथा(लीलाधर मंडलोई)
		      पद्य खंड
		पाठ 1.कबीर की साखी
		पाठ -2 मीरा के पद
		पाठ 4 मनुष्यता कविता(मैथिलीशरण गुप्त)
		
		संचयन पाठ्य पुस्तक
		 पाठ- 1 हरिहर काका कहानी(मिथिलेश्वर)
		 पाठ-2 सपनों के से दिन(गुरुदयाल सिंह)
		    व्याकरण
		   1. समास
		   2.पद बंध
		3.रचना के आधार पर वाक्य रूपांतरण
		4.मुहावरे
		 5..अपठित गद्यांश
		6. अनुच्छेद
		7. विज्ञापन
		8. औपचारिक पत्र
			उच्च गति से **कबीर व मीरा के दोहे का वाचन।**

	PT-3	स्पर्श पाठ्यपुस्तक पद्य खंड **पद्य खंड** **पाठ -5 पर्वत प्रदेश में पावस कविता(सुमित्रानंदन पंत)** **पाठ 7 तोप कविता(वीरेंन डंगवाल)** **गद्य खंड** **पाठ -17 कारतूस (हबीब तनवीर)** **संचयन पाठ्यपुस्तक** **पाठ- 2.सपनों के-से दिन आत्मकथा** **(गुरुदयाल सिंह)** **व्याकरण** 1.**लघु कथा** **2. विज्ञापन** **3.सूचना**	ए 4 साइज शीट पर अपनी **इच्छा से एक सुंदर विज्ञापन बनाइए ।**
Term - 2			
	Annual Syllabus	**समस्त पाठ्यक्रम**	श्रवण वाचन गतिविधि (ए.एस.एल.)प्रतियोगिता

SUBJECT : MATHS (041)

Books Prescribed :
- **Mathematics - Textbook for class X - NCERT Publication**
- **Mathematics exemplar problems for class X, NCERT publication.**

Month	Chapter No. and Name	Activity / Project/Practical
March	**UNIT I: NUMBER SYSTEMS** **CH 1: REAL NUMBER** Fundamental Theorem of Arithmetic - statements after reviewing work done earlier and after illustrating and motivating through examples. **UNIT II: ALGEBRA** **CH 2: POLYNOMIALS** Zeroes of a polynomial. Relationship between zeroes	
.	**April**	and coefficients of quadratic polynomials only.

		● To draw the graph of a quadratic polynomial and observe: (i) The shape of the curve when the coefficient of x^2 is positive. (ii) The shape of the curve when the coefficient of x^2 is negative. (iii) Its number of zeroes.
	CH 3: 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. Solution of a pair of linear equations in two variables algebraically - by substitution, by elimination. Simple situational problems.	● To verify the conditions of consistency/ inconsistency for a pair of linear equations in two variables by graphical method.
May	**CH 4: QUADRATIC EQUATIONS** Standard form of a quadratic equation $ax^2 + bx + c = 0$, ($a \neq 0$). Solutions of quadratic equations (only real roots) by factorization, and by using quadratic formula. Relationship between discriminant and nature of roots. Situational problems based on quadratic equations related to day to day activities to be incorporated. **CH 5: ARITHMETIC PROGRESSIONS** Motivation for studying Arithmetic Progression Derivation of the nth term and sum of the first n terms of A.P. and their application in solving daily life problems.	● To identify Arithmetic Progressions in some given lists of numbers (patterns). ● To find the sum of first n natural numbers. ● To find the sum of the first n even natural numbers. ● To establish a formula for the sum of first n terms of an Arithmetic Progression.

July	UNIT III: COORDINATE GEOMETRY	
	CH 7: Coordinate Geometry Review: Concepts of coordinate geometry, graphs of linear equations. Distance formula. Section formula (internal division).	● To verify the distance formula by graphical method.
	UNIT IV: GEOMETRY **CH 6: 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, 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, the line is parallel to the third side. 3. (Motivate) If in two triangles, the corresponding angles are equal, their corresponding sides are proportional and the triangles are similar. 4. (Motivate) If the corresponding sides of two triangles are proportional, 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, the two triangles are similar.	

August	**CH 10: CIRCLES** Tangent 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 lengths of tangents drawn from an external point to a circle are equal. **UNIT V: TRIGONOMETRY** **CH 8: INTRODUCTION TO TRIGONOMETRY** Trigonometric ratios of an acute angle of a right-angled triangle. Proof of their existence (well defined); motivate the ratios whichever are defined at 0° and 90°. Values of the trigonometric ratios of 30°, 45° and 60°. Relationships between the ratios. **CH 8: TRIGONOMETRIC IDENTITIES** Proof and applications of the identity $sin^2 A + cos^2 A = 1$. Only simple identities to be given.	• To verify using the method of paper cutting, pasting and folding that the lengths of tangents drawn from an external point are equal.
September	**CH 9: HEIGHTS AND DISTANCES** Angle of elevation, Angle of Depression. Simple problems on heights and distances. Problems should not involve more than two right triangles. Angles of elevation / depression should be only 30°, 45°, and 60°.	• To make a clinometer and use it to measure the height of an object.

October	UNIT VI: MENSURATION CH 12: AREAS RELATED TO CIRCLES 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°, 90° and 120° only. CH 13: SURFACE AREAS AND VOLUMES Surface areas and volumes of combinations of any two of the following: cubes, cuboids, spheres, hemispheres and right circular cylinders/cones.	
November	UNIT VII: STATISTICS AND PROBABILITY CH 14: STATISTICS Mean, median and mode of grouped data (bimodal situation to be avoided). CH 15: PROBABILITY Classical definition of probability. Simple problems on finding the probability of an event.	
December	Revision	
January	Revision Pre boards	
February	Revision Boards	

Syllabus for Assessment 2024-25

	Assessment	Syllabus of Assessment	Practical/Project

Term - 1	**PT-1**	CH 1: REAL NUMBER CH 2: POLYNOMIALS CH 3: PAIR OF LINEAR EQUATIONS IN TWO VARIABLES		● To draw the graph of a quadratic polynomial and observe: (i) The shape of the curve when the coefficient of x^2 is positive. (ii) The shape of the curve when the coefficient of x^2 is negative. (iii) Its number of zeroes.
	PT-2	CH 4: QUADRATIC EQUATIONS CH 5 : ARITHMETIC		To identify Arithmetic Progressions in some given lists of numbers (patterns).
	Half Yearly	CH 1: REAL NUMBER CH 2: POLYNOMIALS CH 3: PAIR OF LINEAR EQUATIONS IN TWO VARIABLES CH 4: QUADRATIC EQUATIONS CH 5 : ARITHMETIC PROGRESSIONS CH 6: TRIANGLES CH 7: COORDINATE GEOMETRY CH 10: CIRCLES		To verify using the method of paper cutting, pasting and folding that the lengths of tangents drawn from an external point are equal..
Term - 2	**PT-3**	CH 12: AREAS RELATED TO CIRCLES CH 15: PROBABILITY		To make a clinometer and use it to measure the height of an object.
	Annual Exam	Full Syllabus		Every student will be asked to do at least one project based on the concepts learnt in the classroom.

SUBJECT Science (086)		
Books Prescribed : NCERT		
Month	**Chapter No. and Name**	**Activity / Project/ Practical**
March/April	**Physics** Unit-III: Natural Phenomena CH-10: Light- Reflection and Refraction **Chemistry** Unit I: Chemical Substances - Nature and Behaviour. Chapter 1- Chemical Reactions and Equations. **Biology** Unit- II World of living CH-6 Life Processes	**Physics** - 1. To verify the laws of refraction of light using glass slab. **Chemistry-** Finding the pH of the following samples by using pH paper/universal indicator: (i) Dilute HCl, (ii) Dilute NaOH solution, (iii) Dilute Ethanoic Acid solution, (iv) Lemon juice, (v) Water and (vi) Dilute Hydrogen Carbonate solution **Biology-** Preparing a temporary mount of a leaf peel to show stomata.
May	**Physics** Unit-III: Natural Phenomena CH-10: Light- Reflection and Refraction (Contd. **Chemistry** Unit -I: Chemical Substances - Nature and Behaviour. Chapter 2- Acid, Bases and Salts. Unit- II World of living CH-6 Life Processes CH-7 Control & Coordination	**Physics** - 2. To verify the laws of refraction of light using glass prism. 3. To determine the focal length of (i) concave mirror. **Biology-** Experimentally show that carbon dioxide is given out during respiration.

		(ii) convex lens by obtaining the image of a distant object. 4. To find the image distance for varying object distances in case of a convex lens and draw corresponding ray diagrams to show the nature of image formed. **Chemistry-** Studying the properties of acids and bases (HCl & NaOH)
July	**Physics** Unit-III: Natural Phenomena CH-11: Human eye and colourful world **Chemistry** Unit I: Chemical Substances - Nature and Behaviour. Chapter 3: Metals and Non-Metals. Unit- II World of living CH-8 How do organisms reproduce	**Chemistry-** Performing and observing the following reactions and classifying them. **Biology-** Experimentally show that carbon dioxide is given out during respiration.
August	**Physics** Unit-IV : Effects of Current CH-12: Electricity **Chemistry** Unit I: Chemical Substances - Nature and Behaviour. Chapter 3: Metals and Non-Metals	**Physics** - 5. To study the dependence of potential difference (V) across a resistor on the current (I) passing through it and

	Biology Unit- II World of living CH-8 How do organisms Reproduce?	determine its resistance. Also plot a graph between V and I. **Chemistry** Observing the action of Zn, Fe, Cu and Al metals on the following salt solutions: $ZnSO_4$(aq), $FeSO_4$(aq), $CuSO_4$(aq), $Al_2(SO_4)_3$(aq) **Biology** – Studying (a) binary fission in Amoeba b) budding in yeast & Hydra.
September	**Physics** Unit-IV : Effects of Current	

	CH-12: Electricity Chemistry Revision: Unit I: Chemical Substances - Nature and Behaviour. Chapter 1- Chemical Reactions and Equations Ch-2 Acid, Bases and Salts. and Ch-3 Metals and Non-Metals. Biology Unit- II World of living CH-9 Heredity & Evolution	**Physics-** 6.To determine the equivalent resistance of two resistors when connected in series/parallel. **Chemistry:** Arranging Zn, Fe, Cu and Al (metals) in the decreasing order of reactivity based on the result of experiments.

October	**Physics** Unit-IV : Effects of Current CH-13: Magnetic effects of current **Chemistry** Unit I: Chemical Substances - Nature and Behaviour. Chapter 4- Carbon Compounds. **Biology** Unit-V Natural Resources CH-15 Our Environment	**Physics-** 7.To determine the equivalent resistance of two resistors when connected in parallel.
November	Unit I: Chemical Substances - Nature and Behaviour. Chapter 5- Periodic Classification of Elements	.
December	**Revision**	
January	**Revision**	
February	**Revision**	

Syllabus for Assessment 2024-25

	Assessment	Syllabus of Assessment	Practical/Project
Term - 1	**PT-1**	**Physics**- Unit-III:Natural Phenomena CH-10:Light- Reflection and refraction **Chemistry** Unit I: Chemical Substances - Nature and Behaviour. Chapter 1- Chemical Reactions and Equations Biology Unit- II World of living CH-6 Life Processes	**Physics** - 1. To verify the laws of refraction of light using glass slab. 2. To verify the laws of refraction of light using glass prism. **Chemistry** Finding the pH of the following samples by using pHpaper/universal indicator: (i) Dilute HCl, (ii) Dilute NaOH solution. .
	PT -2	Unit-III:Natural Phenomena CH-10:Light- Reflection and refraction CH-11: Human eye and colourful world. **Chemistry** Unit I: Chemical Substances - Nature and Behaviour.	Chemistry * Studying the properties of acids and bases (HCl & NaOH) * Studying the properties of acids and bases (HCl & NaOH)

		Chapter 1- Chemical Reactions and Equations. Ch-2 Acid, Bases and Salts. Biology Unit- II World of living CH-6 Life Processes	Biology- Experimentally show that carbon dioxide is given out during respiration.
TERM - I	Half Yearly	**Physics** Unit-IV : Effects of Current CH-12: Electricity **Chemistry** Unit I: Chemical Substances - Nature and Behaviour. Chapter 3: Metals and Non-Metals **Biology** Unit- II World of living CH- 8 How do organisms reproduce	**Physics** 3. To determine the focal length of (i) concave mirror (ii) convex lens by obtaining the image of a distant object. Chemistry To Study the Properties of acetic acid. Biology- Binary fission in Amoeba.
TERM - II	PT-3	**Physics** Unit-IV : Effects of Current CH-13: Magnetic effects of Current. **Chemistry:** Unit I: Chemical Substances - Nature and Behaviour. Chapter 4- Carbon and its Compounds. **Biology** Unit – II World of living CH-9 Heredity & Evolution	**Chemistry:** Observing the action of Zn, Fe, Cu and metals on the different salt solutions.
	Annual Exam	Complete Syllabus	

SUBJECT : Social Science (SUBJECT CODE) 087		
Books Prescribed : NCERT / CBSE pattern based books		
Month	Chapter No. and Name	Activity / Project/ Practical
March/April	HISTORY: Ch - 1 The rise of nationalism in Europe. GEOGRAPHY: Ch-1 Resources and development.	Every student has to compulsorily undertake any one project on the following topics: Consumer Awareness **OR** Social Issues **OR** Sustainable Development
May	POLITICAL: Ch – 1 Power sharing. ECO : Ch – 1 Development GEOGRAPHY Ch-2 Forest and wildlife	**Project / Activity:** • Learners may collect photographs of typical rural houses, and clothing of people from different regions of India and examine whether they reflect any relationship with climatic conditions and relief of the area.
July	HISTORY : Ch – 2 Nationalism in India GEOGRAPHYCh-3 water resources	**Posters:** • Pollution of water in the locality. • Depletion of forests and the greenhouse effect. Note: Any similar activity may be taken up.
August	POLITICAL Ch – 2 Federalism ECO: Ch – 2 Sectors of Indian economy.	
September	HISTORY : Ch – 3 Making of the global world GEOGRAPHY: Ch – 4 Agriculture POLITICAL- Ch- 3 Gender Religion and caste. ECONOMICS Ch-5 Consumer rights.(To be used Only for **Project work**)	• Learners may write a brief report on various irrigation practices in the village and the change in cropping pattern in the last decade
October	HISTORY: Ch5- Print culture and the modern world POLITICAL :Ch-4	**Suggested Activities / Instructions**: Theme 2*: Visit to banks and money lenders / pawnbrokers and discuss various activities that you have observed in banks in the classroom. Participate in the meetings of Self Help Groups, which are engaged in micro credit schemes in

	Gender, Religion and caste ECO : Ch 3 Money and credit GEOGRAPHY: Ch -6 Manufacturing	the locality of learners and observe issues discussed. Theme 4**: Provide many examples of service sector activities. Use numerical examples, charts and photographs
November	HISTORY : Ch - 4 The Age of Industrialisation GEOGRAPHY : Ch -5 Minerals and Energy resources, Ch- 7 Lifeline of national economy POLITICAL :Ch – 6 Political Parties Ch -7 Outcomes of Democracy ECONOMICS – Globalisation and the Indian economy	Draw political party symbols of India in notebook {Activity} collect logos of different MNC brands and stick in notebook .
December	Revision	
January	Revision	
February	.Revision	

Syllabus for Assessment 2024-25

	Assessment	Syllabus of Assessment	Practical/Project
Term - 1	PT-1	HISTORY: Ch - 1 The rise of nationalism in Europe.	

		GEOGRAPHY: Ch-1 Resources and development. POLITICAL: Ch – 1 Power sharing.	
	PT-2	HISTORY : Ch – 3 Making of the global world GEOGRAPHY: Ch – Agriculture	
	Half Yearly	HISTORY : Ch – 2 Nationalism in India GEOGRAPHYCh-3 water resources POLITICAL Ch – 2 Federalism ECO : Ch – 1 Development ECO: Ch – 2 Sectors of Indian economy.	
Term - 2	PT-3	HISTORY : Ch - 4 The Age of Industrialisation GEOGRAPHY : Ch -5 Minerals and Energy resources POLITICAL :Ch – 6 Political Parties Ch -7 Outcomes of Democracy ECONOMICS – Globalisation and the Indian economy	
	Annual Exam	Full syllabus	

SUBJECT : ARTIFICIAL INTELLIGENCE (417)		
Books Prescribed : NCERT - ARTIFICIAL INTELLIGENCE		
Month	Chapter No. and Name	Activity / Project/ Practical
April	PART A : Employability Skills UNIT- 1 (Communication Skills) Ch-1 (Methods of Communications) Ch-2 (Communication Cycle) Ch-3 (Communication Barriers) Ch-4 (Effective Communication) Ch-5 (Basic Writing Skills)	• Draw a neat Diagram of Elements of Communication
May	PART A: UNIT- 1 (Communication Skills) Ch-3 (Perspective in Communications) Ch-4 (Basic Writing Skills) PART A : UNIT- 2 (Self Management Skills) Ch-5 (Importance of Self Management) Ch-6 (Building Self Confidence)	• Diagram of Self Management Skills • Make a video on Self Management Skills
July	UNIT- 3 (Information and Communication Technology Skills) Ch-7 (Introduction to ICT) Ch-8 (Components of Computer System) Ch-9 (Peripheral Devices) Ch-10 (Basic Computer Operations)	• Make an attractive Chart on various Peripheral Devices

August	**UNIT- 3 (Information and Communication Technology Skills)** Ch-11 (Operating Systems) Ch-12 (Introduction to Internet) Ch-13 (Introduction to E-Mail) Ch-14 (Introduction to Social Media)	● **Create an email Account in Gmail and perform the various operations; compose, send, sending attachments etc.**
September	**UNIT- 4 (Entrepreneurial Skills)** Ch-15 (Types of Business Activities) Ch-16 (Characteristics of Entrepreneurship) **UNIT- 5 (Green Skills)** Ch-17 (Environment Protection and Conservation) Ch-18 (Importance of Green Economy)	● **Make a PowerPoint Presentation on Sustainable Development**
October	**PART - B (Subject Skills)** **UNIT - 1 (Introduction to AI)** Ch-1 (Foundational Concept of AI) Ch-2 (Basics of AI) **UNIT - 2 (AI Project Cycle)** Ch-1 (Introduction) Ch-2 (Problem Solving) Ch-3 (Data Acquisition) Ch-4 (Data Exploration) Ch-5 (Modeling) Ch-6 (Evaluation)	● **Make a small project based on AI**
November	**UNIT - 3 (Natural Language Processing)** Ch-1 (Introduction) Ch-2 (Chatbots) Ch-3 (Language Differences) Ch-4 (Concepts of Natural Language Processing) **UNIT - 4 (Evaluation)** Ch-1 (Introduction) Ch-2 (Confusion Matrix) Ch-3 (Evaluation Score Calculation)	● **Create a model based on NLP**
December	**All Units to be assessed through practical** **UNIT - 5 (Advance Python)** **UNIT - 6 (Data Sciences)** Ch-1 (Introduction) Ch-2 (Concepts of Data Sciences) Ch-3 (K-nearest neighbour model) **UNIT - 7 (Computer Vision)** Ch-1 (Introduction) Ch-2 (Concepts of Computer Vision) Ch-3 (Open CV and Convolution	● **Programs related to Python** ● **Programs related to Data Science and Computer Vision.**

		Operator Ch-4 (Convolution Neural Network)	
	January	**Revision** **Tests** **Project Work** **Practical File**	
	February		

Syllabus for Assessment 2024-25

	Assessment	Syllabus of Assessment	Practical/Project
Term - 1	PT-1	**Part A : Unit -1** Ch-1 (Communication Cycle) Ch-2 (Various Methods of Communication) Ch-3 (Perspective in Communication) Ch-4 (Basic Writing Skills) **Part B: Unit -1 (Introduction to AI)** Ch-1 (Foundational Concept of AI)	● AI Model
	PT-2	**Part - A Employability Skills** Unit-2 Self Management Skills Unit-3 ICT Skills **Part - B Subject Specific Skills** Unit-1 Ch-2 (Basics of AI) Unit 5 : Advance Python Ch 1 : Python Concepts	● Python Programs
	MID TERM	**Part A : UNIT- 4 (Entrepreneurial Skills)** Ch-15 (Types of Business Activities) Ch-16 (Characteristics of Entrepreneurship) **Part B : UNIT - 2 (AI Project Cycle)** Ch-1 (Introduction) Ch-2 (Problem Solving) Ch-3 (Data Acquisition) Ch-4 (Data Exploration) Ch-5 (Modeling) Ch-6 (Evaluation)	● AI Model based on Project Cycle
Term - 2	PT-3	**Parts A: UNIT- 5 (Green Skills)** Ch-17 (Environment Protection and Conservation) Ch-18 (Importance of Green	● Project on NLP

		Economy) **Part B: UNIT - 3(Natural Language Processing)** Ch-1 (Introduction) Ch-2 (Chatbots) Ch-3 (Language Differences) Ch-4 (Concepts of Natural Language Processing)	
	Annual Exam	**PART A : Employability Skills** **UNIT- 1 (Communication Skills)** **UNIT- 2 (Self Management Skills)** **UNIT- 3 (Information and Communication Technology Skills)** **UNIT- 4 (Entrepreneurial Skills)** **UNIT- 5 (Green Skills)** **PART B : Subject Skills** **UNIT - 1 (Introduction to AI)** **UNIT - 2 (AI Project Cycle)** **UNIT - 3 (Natural Language Processing)** **UNIT - 4 (Evaluation)** **UNIT - 5 (Advance Python)** **UNIT - 6 (Data Sciences)** **UNIT - 7 (Computer Vision)**	● Python Programs