

CLASS XI

(2025-2026)

ENGLISH CORE (301)

**ENGLISH
CORE
(301)**

SUBJECT	MONTH	CHAPTERS	ACTIVITY / PROJECT
	APRIL	Prose 1. The Portrait of a Lady 2. The Summer of a Beautiful White Horse Poetry 1. A Photograph Writing 1. Posters Grammar 1. Tenses	➤ Present a pen picture of your grandparents describing their qualities you admire and appreciate the most.
	MAY	Prose 1. The Address 2. We're not afraid to Die...if we can be together Poetry 1. The Laburnum Top Writing 1. Speech Grammar 1. Re-ordering	➤ learn the parts of ship and different terms/words related to voyage.
	JULY	Prose 1. Discovering Tut: The Saga Continues 2. The Adventure 3. Mother's Day Poetry 1. The Voice of the Rain Reading 1. Note Making	➤ Prepare a project on 'Mother' comprising the collections of either self-written compositions or newspaper cuttings /famous speeches.
	AUGUST	Prose 1. Silk Road Grammar 1. Clauses Writing 1. Advertisements (Classifieds)	Art Integrated Activity : Prepare a poster on promoting Tourism of Arunachal Pradesh.
	SEPTEMBER	HALF YEARLY EXAMINATION BEGINS	

	OCTOBER	Prose 1. Birth Writing 1. Debate 2. Practice of Integrated Grammar Poetry 1. Childhood	Write a brief note on ‘Childhood is an essential state in the process of growing up, but it can’t go on forever.’
	NOVEMBER	PRE - ANNUAL EXAMINATION	
	DECEMBER	Prose 1. Tale of a Melon City 2. Revision of Entire Syllabus Begins Poetry 1. Father to Son	Write a note on the foolish decisions taken by the ancient kings and rulers that resulted in disastrous consequences.
	JANUARY	REVISION	
	FEBRUARY	ANNUAL EXAMINATION BEGINS	

HISTORY

(027)

SUBJECT	MONTH	CHAPTERS	ACTIVITY/PROJECT
HISTORY (027)	APRIL	Introduction of world History and basic concept of history Map work of the related themes Theme 1- Writing and City Life Introduction Timeline II (100 BCE to 1300 CE)	Prepare a chart on tools used by early humans and settlement pattern and crops.
	MAY	Theme 2 An Empire across Three Continents Theme 3 Nomadic Empires Introduction Time line III (C-1300 to 1700) Map work of the related themes	Cumulative test one in a month of all chapter and previous chapter. Discussion and debate on different empires of world.
	JULY	Theme 3 Nomadic Empires (Contd.) Theme 4 Three Orders Map work of the related themes	Chapter based assignment. Watch Genghis Khan’s film and discuss about his world view. Debate on Feudal system. Comparison on Indian and European Feudal system (Presentation)
	AUGUST	Theme 4 Three Orders (Contd.) Map work of the related themes 70% syllabus completed Revision for upcoming half yearly examination	Debate and explain the Historical phenomenon of feudalism.
	SEPTEMBER	HALF YEARLY EXAMINATION BEGINS	
	OCTOBER	Theme 5 Changing Cultural tradition. Introduction Time line IV (C 1700 to 2000) Theme 6 Displacing Indigenous People. Map work of the related themes	ART INTEGRATED PROJECT Prepare a file on different cultures of world. Graphic Chart to compare the life of woman during this period. Group work on Protestant and Catholic reformation and de brief. Pictures and discussions held on renaissance paintings’ or ‘slave trade’
	NOVEMBER	PRE-ANNUAL BEGINS	
	DECEMBER	Theme 7. Paths to Modernization Map work of the related themes	* Oral presentation and Group discussion based on the given chapter. * Discussion on Japan’s and Korea’s Modernization * Project on the concept of modernization and its application in various forms. (to be given soon after second term)
	JANUARY	REVISION	
	FEBRUARY	ANNUAL EXAM BEGINS	

ECONOMICS

(030)

**ECONOMICS
(030)**

SUBJECT	MONTH	CHAPTERS	ACTIVITY / PROJECT
ECONOMICS (030)	APRIL	Statistics for Economics – <ul style="list-style-type: none"> • Introduction • Collection of data • Organization of data Introductory Micro Economics – <ul style="list-style-type: none"> • Introduction • Consumer’s Equilibrium- meaning of utility, marginal utility, law of diminishing marginal utility 	ART INTERGRATED ACTIVITY Conduct a research and prepare a report on popularity of fast food among the children using primary data by- <ul style="list-style-type: none"> * Designing a questionnaire. * Collection of data. * Classification of data.
	MAY	Statistics - <ul style="list-style-type: none"> • Presentation of data Introductory Micro Economics – <ul style="list-style-type: none"> • Consumer’s Equilibrium (continues...) Demand 	<ul style="list-style-type: none"> • Presentation of data collected by the survey.
	JULY	Introductory Micro Economics – <ul style="list-style-type: none"> • Price Elasticity of demand Statistics-Measures of central tendency <ul style="list-style-type: none"> • Arithmetic Mean, Median, Mode 	<ul style="list-style-type: none"> • Panel discussion on the price rise and its effect on demand in the current scenario.
	AUGUST	Statistics – <ul style="list-style-type: none"> • Correlation– meaning and properties, scatter diagram; • Measures of Correlation - Karl Pearson’s method (two variables ungrouped data). Introductory Micro Economics–Producer behavior and supply - <ul style="list-style-type: none"> • Total product, Average Product and Marginal product Returns to a Factor. 	<ul style="list-style-type: none"> • Prepare a detailed report on producer behavior with the help of an example of a production unit.
	SEPTEMBER	HALF YEARLY EXAMINATION	
	OCTOBER	Statistics – <ul style="list-style-type: none"> • Correlation contd... Spearman’s rank Correlation. • Introduction to Index Numbers- meaning, types- Wholesale price Index, Consumer Price Index 	<ul style="list-style-type: none"> • To prepare a project on any one topic according to the guidelines given by CBSE.
	NOVEMBER	PRE-ANNUAL EXAMINATION BEGINS Introductory Micro Economics – <ul style="list-style-type: none"> • Cost • Revenue • Producer’s Equilibrium • Supply 	ART INTERGRATED ACTIVITY Project work on cost and revenue analysis of any branded cosmetic.

	DECEMBER	Statistics – <ul style="list-style-type: none"> • Index numbers Continues.. • Index of industrial production, uses of index numbers; Inflation and index numbers 	Completion of the project.
	JANUARY	Introductory Micro Economics – <ul style="list-style-type: none"> • Forms of market and price Determination under perfect competition with simple applications • Revision 	
	FEBRUARY	ANNUAL EXAMINATION BEGINS	

POLITICAL SCIENCE (028)

**POLITICAL SCIENCE
(028)**

SUBJECT	MONTH	CHAPTERS	ACTIVITY/PROJECT
POLITICAL SCIENCE (028)	APRIL	Part A: Indian Constitution at work I. Constitution Why and How? Part B : Political Theory I. Political Theory : An Introduction	Discuss the importance of constitution in a democratic country. Art Integrated Activity Make a Powerpoint presentation on the culture and Tribals in Arunachal Pradesh
	MAY	Part A: II. Rights in Indian Constitution Part B: II. Freedom	Significance of rights for a citizen of India and compare it with that of South Africa.
	JULY	Part A: III. Election and representation Part A: IV. Executive Part B: III. Equality	Realizing the importance of social media and technology in modern political campaigns and Discuss its pros and cons.
	AUGUST	Part A: V. Legislature Part A: VI. Judiciary Part B: IV. Social Justice Part B: V. Rights	Discussing the role of judiciary and importance of justice and rights in a developing nation like India.
	SEPTEMBER	REVISION & TERM-I EXAMINATION BEGINS	
	OCTOBER	Part A : VII. Local government Part A: VIII Federalism	Understanding the role of Local government in the development. Understanding the significance of a federal nation. Make a project in 5-6 pages for the same.
	NOVEMBER	PRE ANNUAL EXAMINATION BEGINS Part A : Constitution as a living document Part B: Citizenship	Discussing amendments about right to education and good service taxes.
	DECEMBER	Part A: The philosophy of the Constitution Part B : VIII. Secularism Part B: VII Nationalism	Is nationalism beneficial for country's development? Art Integrated Activity Make a chart and model of rich culture and Religion in Arunachal Pradesh.
	JANUARY	<i>REVISION</i>	
	FEBRUARY	ANNUAL EXAMINATION BEGINS	

PHYSICAL EDUCATION (048)

SUBJECT	MONTH	CHAPTERS	ACTIVITY/PROJECT/ART INTEGRATED PROJECT
PHYSICAL EDUCATION (048)	APRIL	UNIT-1 Changing Trends & Career in Physical Education	ART INTEGRATED PROJECT Make a project of any three carriers in physical education
	MAY	UNIT-2 Olympic Value Education	ACTIVITY-1
	JULY	UNIT-3 Yoga	Practical-2: Procedure for Asanas, Benefits & Practical-1: Fitness tests administration. (SAI Khelo India Test)
		UNIT-4 Physical Education & Sports for CWSN	Contraindication for any two Asanas for each lifestyle disease. Practical-3: Anyone one IOA recognized Sport/Game of choice. Labelled diagram of Field & Equipment. Also mention its Rules, Terminologies & Skills
	AUGUST	UNIT - 5 Physical Fitness, Wellness UNIT-6 Test, Measurements & Evaluation	
	September	HALF YEARLY EXAMINATION BEGINS	
	October	UNIT-7 Fundamentals of Anatomy and Physiology in Sports UNIT-8 Fundamentals of Kinesiology and Biomechanics in Sports	ART INTEGRATED PROJECT Make a Project on Comparison between the sports facilities of Arunachal Pradesh and Uttar Pradesh
	November	PRE-ANNUAL EXAMINATION UNIT-9 Psychology and Sports	
	DECEMBER	UNIT10 Training & Doping in Sport	Activity 2
	JANUARY	REVISION	Make a Poster of all the enlisted Prohibited Substances banned by WADA which helps in enhancing the performance of an athlete.
FEBRUARY	ANNUAL EXAMINATION BEGINS		

PHYSICS

(042)

**PHYSICS
(042)**

SUBJECT	MONTH	CHAPTERS	ACTIVITY/PROJECT
PHYSICS (042)	April	Chapter-1: Units and Measurements Chapter-2: Motion in Straight Line	Exp 1 – To measure Diameter of a small spherical/cylindrical body and to measure the internal diameter and depth of a given beaker/calorimeter using vernier caliper and hence find its volume.
	May	Chapter-3: Motion in a Plane Chapter-4: Laws of Motion	Exp 2 – To measure the diameter of a given wire and thickness of a given sheet using screw gauge. ART INTEGRATED PROJECT Design a blueprint in the form of power point presentation to create a working model with innovative idea for upcoming Science Exhibition
	July	Chapter-5: Work, Energy and Power Chapter-6: System of Particles and Rotational Motion	Exp 3 – To find the weight of a given body using parallelogram law of vectors. Activity 1 - To make a paper scale of given least count, example 0.2cm, 0.5cm Activity 2 – To study the Variation in range of a Projectile with angle of projection.
	August	Chapter-7: Gravitation Chapter-8: Mechanical Properties of Solids	Exp 4 – To study the variation of time period of a simple pendulum of a given length by taking bobs of same size but different masses and interpret the result. Activity 3 – To study dissipation of energy of a simple pendulum by plotting a graph Between square of amplitude and time.
	SEPTEMBER	Revision and Term-I Begins	
	October	Chapter-9 Mechanical Properties of Fluids Chapter-10: Thermal Properties of Matter	Exp 5 – To determine the radius of curvature of a given spherical surface by a Spherometer Exp 6 – Using a simple pendulum, plot its $L - T^2$, graph and use it to find the effective length of seconds pendulum. Activity 4 – To observe change of state and plot a cooling curve for molten wax
	November	PRE-ANNUAL EXAMINATION BEGINS	
		Chapter-11: Thermodynamics	Exp 7 – To find the force constant of a helical spring by plotting a graph between load and extension

	December	Chapter-12:Kinetic Theory Chapter-13:Oscillation	ART INTEGRATED ACTIVITY MODE: Model PRESENTATION : 5 minutes talk TOPIC : Prepare model based on Bernoulli's Principle Exp 8 – To determine the coefficient of viscosity of a given viscous liquid by measuring terminal velocity of a given spherical body. Activity 5 – To observe and explain the effect of heating on a bi-metallic strip. Activity 6- To study the factors affecting the rate of loss of heat of a liquid.
	January	Chapter-14:Waves & Revision	
	February	ANNUAL EXAMINATION BEGINS	

MATHEMATICS

(041)

SUBJECT	MONTH	CHAPTERS	ACTIVITY/PROJECT
MATHEMATICS (041)	APRIL	1. Sets 2. Relations and Functions 3. Trigonometric Functions	1. To verify the relation between the degree measure and the radian measure of an angle 2. To find the number of subsets of a given set and verify that if a set has n number of elements , then the total number of subset is 2^n 3. To represent set theoretic operation using venn diagrams To identify a relation and a function To distinguish between a Relation and Function
	MAY	4.Complex Number and Quadratic Equations • Principle of mathematical induction (ONLY FOR FORMATIVE ASSESSMENT) 5.linear Inequalities	1. ART INTEGRATED PROJECT: Venn Diagram and Representation of sets 2. To interpret geometrically the meaning of $i=\sqrt{-1}$ and its integral power To verify that the graph of a given inequality ,say $5x+4y-40<0$, of the form $ax+by+c<0,a,b>0,c<0$ represents only one of the two half planes
	JULY	6. Permutations and combinations 7.Binomial Theorem	1. To find the number of ways in which three cards can be selected from given five cards To construct a Pascal's Triangles and to write binomial expansion for a given positive integrals exponent
	AUGUST	8.Sequences and Series 9.Straight lines 10.Conic Sections	1. To obtain formula for the sum of square of first n natural numbers 2. To demonstrate that the Arithmetic mean of two different positive numbers are always greater than the Geometric mean To establish the formula for the sum of the cubes of numbers
	SEPTEMBER	TERM I BEGINS	
	OCTOBER	11.Introduction to 3D Geometry 12.Limits and Derivatives	Art Integrated Project Exploring Arunachal Pradesh through the lens of Maths 1. To construct different types of conic sections 2. To construct a parabola 3. To construct an ellipse using a rectangle 4. Verification of the geometrical significance of derivative
	NOVEMBER	PRE ANNUAL EXAMINATION	
	DECEMBER	13.Statistics 14.Probability	1. To write the sample space, when a dice is rolled once ,twice .To write the sample space ,when a coin is tossed once ,two times, three times, four times
	JANUARY	REVISION	
	FEBRAURY	ANNUAL EXAMINATION BEGINS	

CHEMISTRY

(043)

**CHEMISTRY
(043)**

SUBJECT	MONTH	CHAPTERS	ACTIVITY / PROJECT
CHEMISTRY (043)	APRIL	Chapter-1: Some Basic concepts of Chemistry	Activity-1: Preparation of standard solution of Oxalic Acid.
	MAY	Chapter-2: Structure of Atom.	Activity-2: Learning of Modern Periodic Table using mnemonics.
	JULY	Chapter-3: Classification of Elements and Periodicity in properties. Chapter 4: Chemical bonding & Molecular structure	ART (art integrated activity): Presentation based on any one topic of the chapter. Time limit- 5 mins
	AUGUST	Chapter 4: Chemical bonding & Molecular structure (Conti....) Chapter-5: Chemical Thermodynamics	Activity-3: Determination one cation and one anion in the given solid.
	SEPTEMBER	<i>HALF YEARLY EXAMINATION BEGINS</i>	
	OCTOBER	Chapter-5: Chemical Thermodynamics (Conti....) Chapter-6: Equilibrium	Activity-4: Study the shift in Equilibrium between ferric ions and thiocyanate ions by increasing / decreasing the concentration of either of the ions.
	NOVEMBER	<i>PRE ANNUAL EXAMINATION BEGINS</i>	
		Chapter -7: Redox Reactions.	Activity-5: Study on galvanic cell.
	DECEMBER	Chapter 8: Organic chemistry-some basic principles & techniques	ART (art integrated activity): Activity Title: "Balance in Nature and Chemistry" – Equilibrium Poster/Model Making Subject: Chemistry (Chemical Equilibrium) Integrated with: Visual Arts (Poster/Model Design) Objective: To help students understand the concept of equilibrium in chemistry by visually representing how balance is maintained in chemical reactions and in nature.
	JANUARY	Chapter-9: Hydrocarbons REVISION	Activity-6: *Determination of melting point and boiling point of an organic compounds. *Investigatory project on any one topic given by CBSE.
FEBRUARY	<i>ANNUAL EXAMINATION BEGINS</i>		

BIOLOGY

(044)

SUBJECT	MONTH	CHAPTERS	
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**BIOLOGY
(044)**

BIOLOGY (044)	APRIL	Chapter-1: The Living World Chapter-2: Biological Classification	1. Parts of a compound microscope. 2. Specimens/slides/models and identification with reasons - Bacteria, Oscillatoria, Spirogyra, Rhizopus, mushroom, yeast, liverwort, moss, fern, pine, one monocotyledonous plant, one dicotyledonous plant and one lichen.
	MAY	Chapter-3: Plant Kingdom Chapter-4: Animal Kingdom	1. Virtual Specimens /slides/ models and identifying features of - Amoeba, Hydra, liver fluke, Ascaris, leech, earthworm, prawn, silkworm, honey bee, snail, starfish, shark, rohu, frog, lizard, pigeon and rabbit
	JULY	Chapter-5: Morphology of Flowering Plants Chapter-6: Anatomy of Flowering Plants Chapter-7: Structural Organisation in Animals	1. Study and describe locally available common flowering plants, from family Solanaceae (Poaceae, Asteraceae or Brassicaceae can be substituted in case of particular geographical location) including dissection and display of floral whorls, anther and ovary to show number of chambers (floral formulae and floral diagrams), type of root (tap and adventitious); type of stem (herbaceous and woody); leaf (arrangement, shape, venation, simple and compound). 2. Preparation and study of T.S. of dicot and monocot roots and stems (primary). 3. Different types of inflorescences (cymose and racemose).
	AUGUST	Chapter-8: Cell-The Unit of Life Chapter-9 Biomolecules Chapter-10: Cell Cycle and Cell Division	1. Study of osmosis by potato osmometer. 2. Study of plasmolysis in epidermal peels (e.g. Rhoeo /lily leaves or flashy scale leaves of onion bulb) ART INTEGRATED ACTIVITY Make a power point presentation on flora & fauna of Arunachal Pradesh including taxonomy, morphology, diagrams, importance etc. (include 5 examples of flora & 5 examples of fauna) ACTIVITY 1. Mitosis in onion root tip cells and animal cells (grasshopper) from permanent slides.
	SEPTEMBER	HALF YEARLY EXAMINATION BEGINS	
	OCTOBER	Chapter-11: Photosynthesis in Higher Plants Chapter-12: Respiration in Plants Chapter-13: Plant - Growth and Development	1. Separation of plant pigments through paper chromatography. 2. Study of distribution of stomata on the upper and lower surfaces of leaves. 3. Comparative study of the rates of transpiration in the upper and lower surfaces of leaves
	NOVEMBER	PRE-ANNUAL EXAMINATION BEGINS	

		Chapter-14: Breathing and Exchange of Gases Chapter-15: Body Fluids and Circulation	3. Study of the rate of respiration in flower buds/leaf tissue and germinating seeds.
	DECEMBER	Chapter-16: Excretory Products and their Elimination Chapter-17: Locomotion and Movement	1. Test for presence of urea in urine. 2. Test for presence of sugar in urine. 3. Test for presence of albumin in urine. 4. Test for presence of bile salts in urine. 5. Human skeleton and different types of joints with the help of virtual images/models only.
	JANUARY	Chapter-18: Neural Control and Coordination Chapter-19: Chemical Coordination and Integration REVISION	ART INTEGRATED ACTIVITY MODE: Model & Chart, PRESENTATION: 5 minutes talk TOPIC: Prepare model / charts of various physiological processes in plants and animals.
	FEBRUARY		ANNUAL EXAMINATION BEGINS

ACCOUNTANCY

(055)

SUBJECT	MONTH	CHAPTERS	ACTIVITY/PROJECT
ACCOUNTANCY (055)	APRIL	1. Introduction to Accounting 2. Basic Accounting Terms 3. Theory Base of Accounting, Accounting Standards, and Indian Accounting Standards (Ind-AS)	<p>Project Work (Any One)</p> <p>1. Students will create a scrapbook or collage of different types of source documents such as cash memos, bills, cheques, debit/credit notes, etc.</p> <p>2. Preparation of Bank Reconciliation Statement with the given cash book and the passbook with twenty to twenty-five transactions.</p> <p>3. Comprehensive project of any sole proprietorship business. This may be related with journal entries and their ledgering, preparation of Trial balance. Trading and Profit and Loss Account and Balance Sheet. Expenses, incomes and profit (loss), assets and liabilities are to be depicted using pie chart / bar diagram. This may include simple GST-related transactions.</p> <p>Art Integrated Activity</p> <p>TERM-1</p> <p>1.Introduction to Accounting: Poster Making – Evolution of Accounting with traditional Indian symbols (e.g., coins, palm leaves, Mahajan records)</p> <p>2.Rules of Debit and Credit: Types of Accounts Wheel – 3-part pie chart with rules and examples; Decorate each section with traditional Indian art patterns (e.g., Gond, Madhubani, Warli).</p> <p>Art Integrated Activity</p> <p>TERM-2</p> <p>1.GST Poster – GST structure (CGST, SGST, IGST) with Indian symbols and real-life examples.</p>
	MAY	4. Bases of Accounting 5. Accounting Equations 6. Accounting Procedures	
	JULY	7. Preparation of Vouchers 8. Journal 9. Ledger	
	AUGUST	10. Cash Book 11. Special Purpose Book-II 13. Bank Reconciliation Statement	
	SEPTEMBER	HALF-YEARLY EXAMINATION	
	OCTOBER	12. Goods and Service Tax 14. Trial Balance 15. Depreciation 16. Provisions and Reserves	
	NOVEMBER	PRE-ANNUAL EXAMINATION	
	DECEMBER	17. Rectification of Errors 18. Financial Statement -I	
	JANUARY	19. Financial Statement -II 20. Accounts for Incomplete Records	
	FEBRUARY	ANNUAL EXAMINATION BEGINS	

BUSINESS STUDIES (054)

BUSINESS STUDIES (054)

SUBJECT	MONTH	CHAPTERS	ACTIVITY/PROJECT	
BUSINESS STUDIES (054)	APRIL	1.Nature and Purpose of Business	<p>Project Work (Any Two)</p> <p>1. (Comprehensive Business Plan) Students prepare the regular business project (e.g., setting up a café).</p> <p>2.Project Work – WTO Poster on WTO: Illustrate India’s role in WTO, highlighting trade agreements, challenges, and opportunities using Indian art forms and maps.</p> <p>3. Project Work – SEBI Infographic on SEBI: Create a visual representation of SEBI’s role in regulating the stock market and protecting investors, using creative art elements like scales, stock graphs, etc.</p> <p>Art Integrated Activity</p> <p>TERM-1</p> <p>Social Responsibility and Business Ethics Case Study Poster – CSR by Indian company (e.g., TATA) with logos, symbols (tree, school)</p> <p>Business Services Poster / Case Study – Courier vs Postal services comparison with logos, delivery sketches</p> <p>Art Integrated Activity</p> <p>TERM-2</p> <p>Internal Trade Venn Diagram – Online vs. Traditional shopping with illustrated storefronts and app logos</p> <p>International Business Creative Map Poster – Show adaptation of global brands (McDonald's India menu, IKEA designs)</p>	
	MAY	2. Forms of Business Organisations		
	JULY	3. Public, Private and Global Enterprises 4. Business Services		
	AUGUST	5. Emerging Modes of Business 6. Social Responsibility of Business and Business Ethics		
	SEPTEMBER	HALF-YEARLY EXAMINATION		
	OCTOBER	7. Sources of Business Finance 8. Small Business and Enterprises		
	NOVEMBER	PRE-ANNUAL EXAMINATION		
	DECEMBER	9. Internal Trade		
	JANUARY	10. International Business		
	FEBRUARY	ANNUAL EXAMINATION BEGINS		

COMPUTER SCIENCE (083)

Subject	Month	Chapter	Activity
COMPUTER SCIENCE (083)	APRIL	Unit 1: computer systems and organisation <ul style="list-style-type: none"> • Basic computer organization • Types of software • Operating System • Boolean logic • Number System • Encoding Schemes 	<ul style="list-style-type: none"> • Logic Gates & circuits • Number system conversion • Solving expression through Truth Table & circuit diagram.
	MAY	Unit 2: Computational Thinking and Programming - I <ul style="list-style-type: none"> • Introduction to Problem-solving • Basics of Python programming: • Knowledge of data types • Operators • Types of Errors 	<ul style="list-style-type: none"> • Preparation of Algorithms and Flowcharts. • Hands on Activity of using data types, operators, variables.
	JULY	<ul style="list-style-type: none"> • Expressions, statement, type conversion, and input/output statements. • Flow of Control • Conditional statements • Iterative Statement • Strings 	<ul style="list-style-type: none"> • Type conversion • Practical implementation of conditional & Iterative statements in Python. • Practical implementation of Strings in Python.
	AUGUST	<ul style="list-style-type: none"> • List • Tuples 	Practical implementation of list & Tuples in Python. ART INTEGRATED ACTIVITY <ul style="list-style-type: none"> • To implement the basic calculator with arithmetic operations. • To make project for password generation/currency convertor.
	SEPTEMBER	<i>HALF YEARLY EXAMINATION</i>	
	OCTOBER	<ul style="list-style-type: none"> • Dictionary • Introduction to Python modules 	Practical implementation of Dictionary and functions in Python.
	NOVEMBER	PRE-ANNUAL EXAMINATION BEGINS	

	DECEMBER	Unit 3: Society, Law and Ethics <ul style="list-style-type: none"> • Digital Footprints • Digital Society and Netizen • Data Protection • Cyber Crime, Cyber safety 	ART INTEGRATED ACTIVITY <ul style="list-style-type: none"> • Prepare Presentation on Digital Security/ Cyber Crime/ Use of Robots in industrial fields. • Solution to Any real world problem statement (SDG Goals) using Python Code.
	JANUARY	<ul style="list-style-type: none"> • Malware • E-waste management • IT Act • Technology and society REVISION	
	FEBRUARY	ANNUAL EXAMINATION BEGINS	

BANKING

(811)

Subject	Month	Chapter	Activity
BANKING (811)	APRIL	Employment skill Unit1:CommunicationSkills-III	Visit a nearby bank (whether private/government)
	MAY	Subjects skill Unit1:IntroductionofBanking	Create A Dummy bank space created to show the Bank’s functioning by the students.
	JULY	Employment skill Unit2:Self-ManagementSkills-III Subject Skill Unit2:Bankers&customers	ART INTEGRATED ACTIVITY Poster making and Presentation showing ATM, Passbook Printing Machine, Cash deposit Machine by the students.
	AUGUST	Employment skill Unit3:ICT Skills-III Subject skill Unit3:EmploymentofBankFunds	1.Filling the forms available in bank for opening of accounts, pay-in-slip, withdrawal slip etc. 2.FillingofRTGSandNEFTformsbyStudentsinClass.
	SEPTEMBER	TERM I BEGINS	
	OCTOBER	Employment skill Unit 4: Entrepreneurial Skills-III Subject skill Unit4:NegotiableInstruments	Specimen of Debit Card and Credit Card showing its utility and interest charged by Banks.
	NOVEMBER	PRE-ANNUAL EXAM BEGINS Employment skill Unit 5: Green Skills-II	
	DECEMBER	Sample Papers for discussion.	
	JANUARY	REVISION	
	FEBRUARY	ANNUAL EXAMINATION BEGINS	

HORTICULTURE

(816)

**HORTICULTURE
(816)**

Subject	Month	Chapter	Activity
HORTICULTURE (816)	APRIL	Employment skill Unit 1: Communication Skills-III	
	MAY	Subject skill Unit 1: Introduction to Protected Cultivation	Practical 1.Enlist advantages of protected cultivation 2. Enlist factors affecting protected cultivation
	JULY	Employment skill Unit 2: Self-Management Skills-III Subject skill Unit 2: Types of Protected Structure and its Components.	Practical 1. Draw a typical greenhouse and label the parts 2. Collect figures of different components of greenhouse
	AUGUST	Employment skill Unit 3 : ICT Skills - III Subject skill Unit 3: Preparation of Media and Container for Commercial Cultivation in Greenhouses	
	SEPTEMBER	TERM I BEGINS	
	OCTOBER	Employment skill Unit 4 : Entrepreneurial Skills-III Subject skill Unit 4: Irrigation and Fertigation System	Activity 1. Identification of components of drip irrigation 2. Enlist merits and demerits of micro-irrigation
	NOVEMBER	Employment skill Unit 5: Green Skills-III	PRE-ANNUAL EXAM BEGINS
	DECEMBER	Subject skill Unit 5: Greenhouse Operations.	Activity 1.Enlist different greenhouse operations 2. Enlist equipment used
	JANUARY	Revision	
	FEBRUARY	ANNUAL EXAMINATION BEGINS	

ELECTRONICS TECHNOLOGY (820)

Subject	Month	Chapter	Activity
ELECTRONICS TECHNOLOGY (820)	April	Chapter 1: Overview of an Atom, Sub Atomic Particles and CRO	Exp 1 – Study of current and voltage measurement using Ammeter and Voltmeter.
	May	Chapter 1: Overview of an Atom, Sub Atomic Particles and CRO (cont.) Chapter 2: Voltage and Current	Exp 2 - Study of current and voltage measurement using Galvanometer. ART INTEGRATED PROJECT Design of 7 segment display using LED and bread board.
	July	Employability Skills – communication Skill, Self-management Skill	Exp 3 – Study of current, voltage and resistance measurement using of multi-meter
	August	Chapter 3: Basics of Semiconductor Employability Skills – ICT Skills	Exp 4 – Study of Half wave rectifier with and without filter circuit.
	September	HALF YEARLY EXAMINATION BEGINS	
	October	Chapter 4: Bipolar Junction Transistor	Exp 5 – Study of V-I Characteristic of Diode.
	November	Chapter 5: Transistor Amplifier and Applications <i>PRE-ANNUAL EXAMINATION BEGINS</i>	Exp 6 - Study of V-I Characteristic of Zener Diode. And use of Zener Diode as voltage regulator.
	December	Employability Skills – Entrepreneur Skill, Green Skills	ART INTEGRATED ACTIVITY MODE: Power point Presentation TOPIC: Working of integrated chips used in various electronic devices
	January	Revision	
	February	ANNUAL EXAMINATION BEGINS	

YOGA

(841)

Subject	Month	Chapter	Activity
YOGA (841)	APRIL	Unit 1 – Introduction to Yoga and Yogic Practices - I	
	MAY	<ul style="list-style-type: none"> Unit 1: Communication Skills-III 	1.Practice of Sukshnavyayama 2. Practice of Surya Namaskar 3. Practice of Asanas 4. Practice of Halasana 5. Practice of Pawanmuktasana 6. Practice of Bhujangasana
	JULY	Unit 2 – Introduction to Yoga Texts - I	7. Practice of Shalabhasana 8. Practice of Gomukhasana 9. Practice of Vakrasana 10. Practice of Ustrasana 11. Practice of Mandukasana 12. Practice of Sasankasana
	AUGUST	Unit 2: Self-Management Skills-III <ul style="list-style-type: none"> Unit 3: Information and Communication Technology Skills-III 	13. Practice of Janusirasana 14. Practice of Virkshasana 15. Practice of Padhastasana 16. Practice of Nadi Shudhi 17. Practice of Dhyana Mudra 18. Meditation 19. Project on Patanjali Yoga Sutras
	SEPTEMBER	TERM I BEGINS	
	OCTOBER	Unit 3 – Yoga for Health Promotion – I Unit 4: Entrepreneurial Skills-III Unit 5: Green Skills-III	20. Yoga effect on Human Body 21. Steps of Sithaili Pranayama 22. Steps of Ujjayai Pranayam 23. Steps of Paschimottansana 24. Conducting Yoga project on common diseases 25. Asanas board 26. Yoga for Weight loss
	NOVEMBER	PRE-ANNUAL EXAMINATION	
	DECEMBER	REVISION	
	JANUARY	REVISION	
	FEBRUARY	ANNUAL EXAMINATION BEGINS	

TOURISM

(806)

**TOURISM
(806)**

Subject	Month	Chapter	Activity
	APRIL	1. INTRODUCTION TO TOURISM	* Creative Writing: Short stories, essays, or poems based on travel experiences or imagined tourism scenarios.
	MAY	2. TOURISM: A • HISTORICAL ACCOUNT	* Art and Photography: Visual representations of tourism destinations, such as sketches, paintings, or photography projects.
	JULY	3. CONCEPTS OF TOURISM	* Debates and Presentations: Discussing current issues in tourism, like the ethical implications of tourism, or presenting research findings.
	AUGUST	• 4. TOURISM COMPONENTS -I	* Role-Playing: Simulations of different tourism-related roles, like tour guides, hotel managers, or travel agents.
	SEPTEMBER	<i>HALF YEARLY EXAMINATION BEGINS</i>	
	OCTOBER	5. TOURISM COMPONENTS-II	* Case Studies: Analyzing real-world examples of successful and unsuccessful tourism ventures, focusing on factors like sustainability, cultural impact, and economic benefits.
	NOVEMBER	<i>PRE-ANNUAL EXAMINATION</i>	
	DECEMBER	6. INTER LINKAGE BETWEEN GEOGRAPHY AND TOURISM INDUSTRY	
	JANUARY	7. INTER LINKAGE BETWEEN HISTORY AND TOURISM INDUSTRY	
	FEBRUARY	8. TOURISM ORGANISATIONS AND TRENDS	
	<i>ANNUAL EXAMINATION BEGINS</i>		