

**SUBJECT – ENGLISH CORE**

Month	Name of the Chapter	Objective/Aim	Subject Enrichment Activity	Project
April	Passages for Comprehension  The Portrait of a Lady	To strengthen concept clarity along with vocabulary enhancement To point out the relevance of a strong relationship with elders	Discussion of Poetic Devices with examples from various contemporary poems	
May	Exercises based on Tense A Photograph	To develop the ability to write flawless language To understand the transient nature of human life.		Step 1 of the Project.... Discussing the aim and objective of the final English Project
July	Passages for Note Making & Summary Writing Classified Ads- Property & Job Speech Error Correction The Summer of a Beautiful White Horse The Tale of Melon City Revision of all the lessons done in April and May	To develop the skill of making notes and summarizing To convey needs and requirements in a concise and precise way To present ideas on given issues in a convincing way. To develop the ability to find grammatical errors and write flawless language. To know that essential goodness in a human being remains intact To point out that misuse of Power and a lack of wisdom result in a catastrophic situation.	Deliver a Speech on any relevant topic	Preparing the initial pages of the project file- preface, acknowledgment, etc
August	Passages for Note Making Classified ads Matrimonial, Sale & Purchase Posters Jumbled Words We're Not Afraid to Die..... The Laburnum Top Voice of the Rain The Address Discovering Tut- The Saga Continues	To develop the skill of making notes and summarizing To convey needs and requirements in concise and precise way To present topics of educational and social relevance aesthetically. To develop confidence and proficiency in the use of language skills To appreciate the importance of courage and determination in adverse circumstances. To emphasis the phenomena of transfer of energy present in Nature To appreciate the bounties of	Design colourful posters based on social issues	



		nature in the form of rain. To explain the impact of war. To point out the contribution of technology in studying the past.		
<b>September</b>	Passages for Comprehension & Note Making Debate Editing	To develop comprehension skills along with vocabulary enhancement To express arguments in a coherent way To develop the ability to identify mistakes and correct them	Assessment of Listening Skills	Research-based questions for the project file covering textbooks
<b>October</b>	Passages for Note Making (practice) Classified Ads Error Correction Childhood Mother's Day	To develop the skill of making notes and summarizing Revision To use different grammatical structures in appropriate contexts. To know the constraints of adult life. To realize the value of mothers and respect them	Draft all kinds of Classified Ads	
<b>November</b>	Passages for Comprehension (practice) Speech & Debate Omission Father to Son The Adventure	To build confidence regarding concept clarity along with vocabulary enhancement Revision To develop confidence and proficiency in the use of language skills To point out changing relationship between parents and children. To acquaint with the genre of time travel	Debating on current issues	Final compilation of the project file
<b>December</b>	Revision & Practice of Reading and Writing Skills The Silk Road Birth	To develop fluency in English To develop a liking for reading travelogues To know that persistent efforts bring results	MCQ and extrapolatory based assignment	
<b>January &amp; February</b>	Revision	To develop confidence and proficiency in the use of language skills		Submission of Project File

### Exam Syllabus

Unit Test I	Half Yearly	Unit Test II	Qualifying	Annual
READING SECTION: Note Making &	READING SECTION: Comprehension Passage and Note Making &	READING SECTION: Comprehension Passage WRITING SECTION:	Complete Syllabus	Complete Syllabus



Summary WRITING SECTION: Classified Ads, Speech GRAMMAR SECTION: Error Correction LITERATURE SECTION: The Portrait of a Lady, The Summer of a Beautiful White Horse A Photograph & The Tale of Melon City	Summary Writing WRITING SECTION: Classified Ads, Posters, Speech, Debate GRAMMAR SECTION: Editing, Gap Filling & Jumbled Words LITERATURE SECTION: The Portrait of a Lady, We're Not Afraid to Die..., Discovering Tut, A Photograph, Laburnum Top, Voice of the Rain, The Summer of a Beautiful White Horse, The Address, The Tale of Melon City	Posters, Debate GRAMMAR SECTION: Editing & Jumbled Words LITERATURE SECTION: The Adventure, Childhood, Mother's Day		
	Assessment of Speaking & Listening			Assessment of Speaking and Listening



**SUBJECT – ACCOUNTANCY**

Month	Name of the Chapter	Objective/Aim	Subject Enrichment Activity	Project
<b>April</b>	Introduction to Accounting	After studying this chapter students would be able to explain: <ul style="list-style-type: none"> <li>• Meaning, Process, Functions, Advantages, &amp; Limitations of Accounting.</li> <li>• Branches of Accounting.</li> <li>• Accounting Information and its Characteristics.</li> <li>• Users of Accounting Information.</li> </ul>		
<b>May</b>	Basic Accounting terms  Theory Base of Accountancy	After studying this chapter students would be able to explain: <ul style="list-style-type: none"> <li>• Terminology of Accounting</li> </ul> After studying this chapter students would be able to explain: <ul style="list-style-type: none"> <li>• Accounting Assumptions</li> <li>• Meaning, Nature &amp; Features of Accounting Principles.</li> <li>• Utility of Accounting Standards.</li> <li>• Systems of Accounting</li> <li>• GST (characteristics and advantages)</li> </ul>	Tambola  Crossword Puzzle	
<b>July</b>	<b>Recording of Transactions I</b> Bases of Accounting  Accounting Equation   Recording of Transactions	After studying this chapter students would be able to explain: <ul style="list-style-type: none"> <li>• Cash &amp; Accrual Basis of Accounting</li> </ul> After studying this chapter students would be able to explain: <ul style="list-style-type: none"> <li>• Effect of a Transaction on an Accounting Equation.</li> </ul> After studying this chapter students would be able to explain: <ul style="list-style-type: none"> <li>• Meaning &amp; Rules of Debit &amp; Credit.</li> <li>• Creation of a Journal Entry.</li> </ul>	Case Study	
<b>August</b>	Preparation of Ledger & Trial Balance.   <b>Recording of Transactions II</b> Cash Book	After studying this chapter students would be able to explain: <ul style="list-style-type: none"> <li>• Posting of Entries.</li> <li>• Preparation of Ledger.</li> <li>• Meaning, objectives, advantages, limitations &amp; preparation of Trial Balance.</li> </ul> After studying this chapter students would be able to explain: <ul style="list-style-type: none"> <li>• Meaning, types &amp; preparation of different types of Cash Books.</li> </ul>	Preparation of Journal and Ledger	



<b>September</b>	Other Books	After studying this chapter students would be able to explain: <ul style="list-style-type: none"> <li>Meaning, classification, advantages &amp; preparation of Subsidiary Books.</li> </ul>	Preparation of Subsidiary Books	
<b>October</b>	Bank Reconciliation Statement  Rectification of Errors	After studying this chapter students would be able to explain: <ul style="list-style-type: none"> <li>The reasons behind difference in the balance as per Pass book and Cash Book and preparation of BRS.</li> </ul> After studying this chapter students would be able to explain: <ul style="list-style-type: none"> <li>Classification &amp; Rectification of Errors</li> </ul>	Game on spotting the differences	
<b>November</b>	Depreciation  Provisions & Reserves  Financial Statements	After studying this chapter students would be able to explain: <ul style="list-style-type: none"> <li>Meaning, Concept, Causes &amp; need of Depreciation.</li> <li>Preparation of Fixed Asset Account by S.L.M &amp; W.D.V Method.</li> <li>Methods of recording depreciation.</li> </ul> After studying this chapter students would be able to explain: <ul style="list-style-type: none"> <li>Meaning, objective &amp; importance of Reserves &amp; Provisions.</li> <li>Types of Reserves</li> </ul> After studying this chapter students would be able to explain: <ul style="list-style-type: none"> <li>Meaning and preparation of Trading and Profit and Loss Account.</li> <li>Meaning and preparation of Balance Sheet.</li> </ul>		
<b>December</b>	Financial Statements with Adjustments  Incomplete Records	After studying this chapter students would be able to explain: <ul style="list-style-type: none"> <li>Need of Adjustments.</li> <li>Adjustments in Financial Statements.</li> </ul> After studying this chapter students would be able to explain: <ul style="list-style-type: none"> <li>Features, reasons and limitations of Single Entry.</li> <li>Ascertainment of Profit/Loss by Statement of Affairs method. (excluding conversion method)</li> </ul>	Relay	Project as per CBSE guidelines
<b>January</b>	Revision			
<b>February</b>	Revision			



CLASS: XI COMMERCE – BIFURCATED SYLLABUS – 2025 – 26  
**Exam Syllabus**



Unit Test I	Half Yearly	Unit Test II	Qualifying	Annual
<b>Book I</b> Ch.1, Ch.2 and Ch.3 (till Accounting Equation)	<b>Book I</b> Ch.1 to Ch.4	<b>Book I</b> Ch.5 to Ch.7	<b>Book I</b>	Full Syllabus



**SUBJECT – BUSINESS STUDIES**

Month	Name of the Chapter	Objective/Aim	Subject Enrichment Activity	Project
April	<b>(PART A) FOUNDATION OF BUSINESS</b> Ch.1 Evolution and Fundamentals of Business	After studying this chapter students would be able to explain: <ul style="list-style-type: none"> <li>History of Trade and Commerce in India.</li> <li>meaning of economic &amp; non-economic activities.</li> <li>Characteristics and objectives of Business, classification of Business activities, broad categories of business activities- industry (various types of industries) and commerce.</li> <li>Role of profit in business</li> <li>Meaning of commerce, trade (types) and auxiliaries to trade.</li> <li>Role of commerce- trade and auxiliaries to trade.</li> <li>Business Risks, Nature and causes.</li> </ul>	Creation of a branched table classifying the activities observed in the daily life.	
May	Ch.2 Forms of Business Organization	After studying this chapter students would be able to explain: <ul style="list-style-type: none"> <li>different forms of private enterprises</li> <li>Concept, merits and limitations--Sole Proprietorship</li> <li>Concept, types, merits and limitations of Partnership, registration of a partnership firm, partnership deed, types of partners.</li> <li>Concept of Hindu Undivided Family Business, merits, limitations.</li> </ul>	Collection and analysis of data	
July	Ch.2 Forms of Business Organization (continued)  Ch.3 Public, Private & Global Enterprises	<ul style="list-style-type: none"> <li>Concept, merits, limitations and types of Cooperative Societies.</li> <li>Company - Concept, merits and limitations; Types: Private, Public and One Person Company (Concept)</li> <li>Choice of form of business organization</li> </ul> After studying this chapter students would be able to explain: <ul style="list-style-type: none"> <li>Difference between Public Sector and Private Sector</li> <li>Different forms of public enterprises</li> <li>Meaning of Global enterprises, Joint Venture, Public Private Partnership (Meaning and features)</li> </ul>		



	Ch.4 Business Services	<p>After studying this chapter students would be able to explain:</p> <ul style="list-style-type: none"> <li>• Meaning and types of Business Services</li> <li>• Types of Bank Accounts</li> <li>• Meaning and Types of Banking Services,</li> <li>• E-Banking: meaning, Types of digital payments.</li> <li>• Insurance - Principles and Types, (Life, Fire, Health, Marine) Postal Service - Mail, Registered Post, Parcel, Speed Post, Courier – (Meaning)</li> </ul>	PPT on Banking Services	
August	<p>Ch. 5 Emerging Modes of Business</p> <p>Ch. 6 Social Responsibilities of Business</p>	<p>After studying this chapter students would be able to explain:</p> <ul style="list-style-type: none"> <li>• Meaning and Scope of e-business</li> <li>• Appreciate the benefits of e-business. Distinguish e-business from traditional business.</li> </ul> <p>After studying this chapter students would be able to explain:</p> <ul style="list-style-type: none"> <li>• Concept of Social Responsibility.</li> <li>• Arguments in favour of Social Responsibility.</li> <li>• Social Responsibility towards different Interest Groups.</li> <li>• Role of business in environment protection.</li> <li>• Business Ethics - Concept and Elements.</li> </ul>	Debate	
September	<p><b>PART B: FINANCE AND TRADE (PART II)</b></p> <p>Ch. 7 Formation of Company</p> <p>Ch. 8 Sources of Business Finance</p>	<p>After studying this chapter students would be able to explain:</p> <p>Formation of company-Stages, important documents to be used in formation of a company.</p> <p>After studying this chapter students would be able to explain:</p> <ul style="list-style-type: none"> <li>• Meaning nature and Importance of Business Finance.</li> <li>• Various sources of Owners fund and borrowed fund, Merits &amp; Limitations of the various sources.</li> <li>• Distinguish between owners' funds and borrowed funds.</li> </ul>	Quiz	
October	Ch. 8 Sources of Business Finance (Continued)	<ul style="list-style-type: none"> <li>• Concept debentures, bonds, loans from financial institutions and commercial banks, Trade credit and inter corporate deposits.</li> </ul>		





	Ch. 9 Small Business and Entrepreneurship Development	<p>After studying this chapter students would be able to explain:</p> <ul style="list-style-type: none"> <li>• Meaning as per MSMED Act 2006 (Micro, Small and Medium Enterprise Development Act)</li> <li>• Role of small business.</li> <li>• Appreciate the various Government schemes and agencies for development of small scale industries-NSIC and DIC with special reference to rural, backward area.</li> <li>• Understand the concept of Entrepreneurship Development (ED), Intellectual Property Rights.</li> <li>• Start-up India Scheme and ways to fund Startup.</li> </ul>	<p>Report on contribution of small business in India</p> <p>PPT on famous Startups and their funding</p>	
<b>November</b>	Ch. 10 Internal Trade	<p>After studying this chapter students would be able to explain:</p> <ul style="list-style-type: none"> <li>• Meaning &amp; Types of Internal Trade.</li> <li>• Services of Wholesalers and Retailers.</li> <li>• Types of retail trade-Itinerant and small-scale fixed shops retailers.</li> <li>• Large scale retailers-Departmental stores and chain stores.</li> <li>• Concept of GST.</li> </ul>	PPT on Chain Stores and Departmental Stores	
<b>December</b>	Ch.11 International Business	<p>After studying this chapter students would be able to explain:</p> <ul style="list-style-type: none"> <li>• Meaning and Nature of International Business.</li> <li>• Benefits of International Business.</li> <li>• Export Trade – Meaning and Procedure</li> <li>• Import Trade – Meaning and Procedure</li> <li>• Documents involved in international trade transactions.</li> <li>• World Trade Organization (WTO) (Meaning and Objectives)</li> </ul>	Role Play on Export and Import Procedure	Project as per CBSE guidelines
<b>January</b>	Revision			
<b>February</b>	Revision			

### Exam Syllabus

Unit Test I	Half Yearly	Unit Test II	Qualifying	Annual
Ch. 1, 2 and 3	Ch. 1 to 6	Ch. 7,8	Ch. 1 to 10	Full Syllabus

**SUBJECT – ECONOMICS**

Month	Name of the Chapter	Objective/Aim	Subject Enrichment Activity	Project
April	Introduction of Statistics	To familiarize the students with the meaning, scope and importance of statistics in economics.		
May	Collection of data	Learners are expected to acquire skill in collection of data systematically: Methods of data collection.	Students will be asked to make a questionnaire and conduct a survey to collect information.	
July	Introduction of Microeconomics  Organisation of data  Consumer's Equilibrium	To make students aware of economy, economic problem and central problems of the economy. To develop the skill among students regarding PPC, change in PPC due to various economic conditions and the concept of MOC. Types of statistical series, Methods of construction of series and Classification techniques. Students will understand the concept of utility, total utility, marginal utility and law of diminishing marginal utility. Students would be able to understand the concept of consumer's equilibrium-Utility analysis and Indifference curve analysis.	Organize a class presentation on various recent government programmes and their impact on PPC of the country. Draw a flow chart of different statistical series Discuss in class the various consumption goods in which law of DMU can be applied.	
August	Presentation of data  Theory of demand  Measures of central tendency	students will understand the meaning of Histogram, bar diagram, pie diagram, frequency curve etc Students will be able to understand the concept of demand, law of demand, factors affecting demand and changes in demand due to various reasons. Students will be able to understand the meaning of mean & median	Drawing of various diagrams. Conduct a classroom presentation on those factors that affect demand. Collect and compare the marks of students and calculate averages out of it.	
September	Elasticity of demand  Production Function	Students will understand Price elasticity of demand, degrees, measurement and factors affecting elasticity of demand. Students will understand the concept of production and law of variable proportions.	Conduct a class presentation of	



		Revision Half yearly- examination	budding entrepreneurs.	
<b>October</b>	<p>Concept of Revenue &amp; cost</p> <p>Producer's Equilibrium</p> <p>Measures of central tendency</p>	<p>Students will understand types of revenue and their relationship.</p> <p>Students will understand the cost and meaning and relationship.</p> <p>Students will understand the producer's equilibrium: meaning and its conditions in terms of MC&amp;MR.</p> <p>Students will learn various methods of finding median &amp; mode.</p>	Collect some newspaper cutting of India's top entrepreneurs and make a collage.	
<b>November</b>	<p>Theory of supply</p> <p>Correlation</p>	<p>Students would be able to understand the concept of supply, law of supply, factors affecting supply and changes in supply.</p> <p>Students will understand price elasticity of supply, degrees and measurement.</p> <p>Students will be able to learn Karl Pearson's methods of correlation: Actual mean, short-cut method and step-deviation method.</p>	Automobile sector is facing a crisis, with a sharp decline in sales. Analyse the impact of this statement on the supply of cars with a PPT.	CBSE Specified Project
<b>December</b>	<p>Correlation</p> <p>Forms of market</p>	<p>Students would be able to understand Spearman's rank difference methods of correlation.</p> <p>Students will understand different forms of market- perfect competition.</p>	Make a report on the various products by classifying them according to different market forms.	
<b>January</b>	<p>Index Numbers</p> <p>Market Equilibrium</p>	<p>To understand the meaning of index number, CPI &amp; WPI.</p> <p>Students will understand the meaning and price determination under perfect competition &amp; the shift in demand and supply and their impact on equilibrium price.</p>	Visit the ration shops of your city and prepare a project on the working of ration shop.	
<b>February</b>	Revision			

### Exam Syllabus

Unit Test I	Half Yearly	Unit Test II	Qualifying	Annual
Microeconomics Chapter- 1 Statistics Chapter 1-3	Microeconomics Chapter 1-4 Statistics Chapter 1- 8	Microeconomics Chapter 5-7 Statistics Chapter 8 & 9	Microeconomics Chapter 5-10 Statistics Chapter 6-10	Whole syllabus



**SUBJECT – MATHEMATICS**

Month	Name of the Chapter	Objective/Aim	Subject Enrichment Activity
<b>April</b>	Ch -1 Sets	To know about sets, subsets, and their representation, Venn diagrams, operations on sets, practical problems on Union and Intersection.	1.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 subsets is $2^n$
	Ch-2 Relations And Functions	To know ordered pair, Cartesian product, relations, functions, domain, co-domain, range and graphs of different functions.	2.To represent set theoretic operations using Venn diagrams.
<b>May</b>	Ch-2 Relations And Functions (Contd.)	To know ordered pair, Cartesian product, relations, functions, domain, co-domain, range and graphs of different functions.	3.To distinguish between a Relation and a Function
	Ch-3 Trigonometric Functions	To know trigonometric functions using unit circle, identities, formulas and their application	
<b>July</b>	Ch-3 Trigonometric Functions (Contd.)	To know trigonometric functions using unit circle, identities, formulas and their application	4.To find the values of sine and cosine functions in second, third and fourth quadrants using their given values in first quadrant.
	Ch-4 Complex Numbers & Quadratic Equations Ch-5 Linear Inequalities	To make clear about complex numbers and real numbers of operations on complex numbers and multiplicative Inverse, conjugate, modulus and their properties. To make clear about the symbols less than, more than use in inequality, meaning of at least and at most, solution of inequality algebraically and graphically, word problems	
<b>August</b>	Ch-6 Permutations & Combinations	To understand the concept of fundamental principle of counting, factorial notation, permutations and combination and their properties with daily life examples	6. To construct a pascal triangle and to write binomial expansion for a given positive integer power
	Ch-7 Binomial Theorem Ch-8 Sequences and Series	Binomial expansion for a given positive integral power To Know about the sequence, Series, Arithmetic and geometric progressions and their Sum, mean and relation between them.	
<b>September</b>	Revision Ch-9 Straight Lines	Half Yearly Exams. To use algebra advantageously in study of straight line, their slopes and their properties	
<b>October</b>	Ch-9 Straight Lines (Contd.)	To use algebra advantageously in study of straight line, their slopes and their properties.	



	Ch-10 Conic Section	To learn about the intersection of a plane with a double napped cone, a right circular cone results in different types of the curve.	7. To construct ellipse when two fixed points are given.
<b>November</b>	Ch-10 Conic Section (Contd.) Ch-11 Introduction to Three-Dimensional Geometry Ch-12 Limits & Derivatives	To learn about the intersection of a plane with a double napped cone, a right circular cone results in different types of the curve To extend the knowledge of two-dimensional geometry to three-dimensional geometry. To find out the limits and derivatives of different functions	
<b>December</b>	Ch-12 Limits & Derivatives (Contd.) Ch-13 Statistics	To find out the limits and derivatives of different functions To learn about the important measures of dispersion and their methods of calculation for ungrouped and grouped data.	
<b>January</b>	Ch-14 Probability	To know about the basic terms, for random experiments with different cases to interpret the probability.	8. To find the sample space of (i) coins (ii) Playing cards
<b>February</b>	Revision and Annual Examination		

### Exam Syllabus

Unit Test I	Half Yearly	Unit Test II	Qualifying	Annual
Ch- 1, 2, 3	Ch- 1, 2, 3, 4, 5, 6, 7, 8	Ch- 9, 10, 11	Ch- 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12	Whole Syllabus



**SUBJECT – COMPUTER SCIENCE WITH PYTHON**

Month	Chapter Name	Objective / Aim	Lab Activity
April	Ch – 1 Computer System Organization	Description of a computer system and mobile system, CPU, memory, hard disk, I/O, Types of software, OS, utility, libraries, Language of Bits: bit, byte, MB, GB, TB, and PB. Execution of a program, Interpreters, Compiler and an interpreter, how an operating system runs a program, idea of loading, operating system as a resource manager, Concept of cloud computers, cloud storage (public/private), and brief introduction to parallel computing.	Introduction to Python environment <ul style="list-style-type: none"> <li>• Interactive Mode</li> <li>• Script Mode</li> <li>• Operators &amp; Operands</li> </ul>
May	Ch – 2 Data Representation & Boolean Logic	Information representation: numbers in base 2, 8, 16, unsigned integers, binary addition, Strings: ASCII, UTF8, UTF32, ISCII (Indian script code), Boolean logic: OR, AND, NAND, NOR, XOR, NOT, truth tables, De Morgan's laws	Basic Programs of Python: <ul style="list-style-type: none"> <li>• Add 2 numbers.</li> <li>• Make a simple calculator.</li> <li>• Calculate total &amp; percentage of a student.</li> </ul>
July	Ch – 3 Computational Thinking & Getting Started with Python  Ch – 4 Python Programming Fundamentals	Introduction to problem solving, Steps for problem solving, Algorithms, Flowcharts, Pseudocode, computational thinking & its components, Familiarization with the basics of Python, features, advantages, disadvantages, how to install python, Python IDLE, Exiting Python.  Variables, Multiple assignments, Keywords, expressions, Operators & its types, User Defined Functions, Indentation, Tokens, Comments process of writing a program, running it, and print statements; simple datatypes: integer, float, string	Basic Programs of Python: <ul style="list-style-type: none"> <li>• Swap the values of two variables.</li> <li>• Conversion of Celsius to Fahrenheit &amp; vice -versa.</li> <li>• Conversion of units of measurement.</li> </ul> Basic Programs of Python: <ul style="list-style-type: none"> <li>• To calculate the area &amp; perimeter of various shapes.</li> <li>• Conversion from amount-in-dollars and dollar-to-rupee.</li> </ul>
August	Ch – 5 Conditional & Looping Constructs  Ch – 6 Strings in Python	Conditional statements: if, if-else, if-elif-else; simple programs: e.g.: absolute value, sort 3 numbers, and divisibility. Notion of iterative computation and control flow: for, while, Nested loop, jump Statements- break, continue & pass. Strings: compare, concatenation, substring; various string operations & functions.	Basic Programs of Python: <ul style="list-style-type: none"> <li>• Print numbers from 1 to 100.</li> <li>• Print the table of a given number.</li> <li>• Check for Palindrome, Armstrong number.</li> <li>• Print Fibonacci Series</li> </ul> Basic Programs of Python: <ul style="list-style-type: none"> <li>• Reverse a string.</li> <li>• Check whether a string is palindrome or not.</li> <li>• Count the occurrence of a character in a string.</li> </ul>





September	Half Yearly Examinations		
<b>October</b>	Ch – 7 Lists in Python  Ch – 8 Tuples and Dictionary	Lists: finding the maximum, minimum, mean; linear search on list/tuple of numbers, and counting the frequency of elements in a list using a dictionary. Introduce the notion of accessing elements in a collection using numbers and names. Tuples and dictionary: finding the maximum, minimum, mean; linear search on list/tuple of numbers, and counting the frequency of elements in a list using a dictionary. Introduce the notion of accessing elements in a collection using numbers and names.	Basic Programs of Python: <ul style="list-style-type: none"> <li>• Enter elements in a list and find the sum.</li> <li>• Find the minimum &amp; maximum element in a list/tuple.</li> <li>• Input a list of numbers and swap elements at the even location with the elements at the odd location.</li> <li>• Input a list/tuple of elements, search for a given element in the list/tuple.</li> <li>• Create a dictionary with the roll number, name and marks of n students in a class and display the names of students who have scored marks above 75.</li> </ul>
<b>November</b>	Ch – 9 Introduction to Python Modules Ch – 10 Society, Law & Ethics	Importing module using import statement/ from statement, importing math module, random module, statistics module. Digital Footprints, Digital society & Netizen, Data Protection, Intellectual Property Rights, its violation, Cyber crime	Basic Programs of Python: <ul style="list-style-type: none"> <li>• Create a module Area and define functions to find the area of circle, square, rectangle etc. Import the module and calculate the area of a shape.</li> </ul>
<b>December</b>	Ch – 11 Cyber Safety	Cyber safety: safely browsing the web, identity protection, confidentiality, social networks, cyber trolls and bullying, Appropriate usage of social networks: spread of rumors, and common social networking sites (Twitter, LinkedIn, and Facebook) and specific usage rules, safely accessing web sites: adware, malware, viruses, Trojans, safely communicating data: secure connections, eavesdropping, phishing and identity verification, IT Act, 2000, E-Waste management.	<ul style="list-style-type: none"> <li>• Revision of all the programming concepts.</li> </ul>
<b>PROJECT:</b> The aim of the class project is to create something that is tangible and useful using Python file handling/Python-SQL connectivity. This should be done in groups of two to three students. The aim here is to find a real-world problem that is worthwhile solving. Students will choose a topic and prepare synopsis on the topic.			

### Exam Syllabus

Unit Test I	Half Yearly	Unit Test II	Qualifying	Annual
Ch – 1, 2 & 3	Ch – 1 to 5	Ch – 6, 7, 8	Ch – 1 to 9	Complete Syllabus

**SUBJECT – INFORMATICS PRACTICES**

Month	Unit Name	Chapter Name	Objective / Aim	Lab Activity
April	Unit 1: Introduction to Computer System	Introduction to Computer System	Introduction to computers and computing: evolution of computing devices, components of a computer system and their interconnections, Input/Output devices. Computer Memory: Units of memory, types of memory – primary and secondary, data deletion, its recovery and related security concerns. 2 Software: purpose and types – system and application software, generic and specific purpose software.	Identify the components of the Computer System.
May	Unit 2: Introduction to Python	Introduction to Python	Basics of Python programming, Python interpreter - interactive and script mode, the structure of a program, indentation, identifiers, keywords, constants, variables, types of operators, precedence of operators, data types, mutable and immutable data types, statements, expressions, evaluation of expressions, comments, input and output statements, data type conversion, debugging, control statements: if-else, for loop	1. To find average and grade for given marks. 2. To find sale price of an item with given cost and discount (%). 3. To calculate perimeter/circumference and area of shapes such as triangle, rectangle, square and circle. 4. To calculate Simple and Compound interest. 5. To calculate profit-loss for given Cost and Sell Price. 6. To calculate EMI for Amount, Period and Interest. 7. To calculate tax - GST / Income Tax.
July		List	Lists: list operations - creating, initializing, traversing and manipulating lists, list methods and built-in functions.: len(), list(), append(), extend(), insert(), count(), find(), remove(), pop(), reverse(), sort(), sorted(), min(), max(), sum()	8. To find the largest and smallest numbers in a list. 9. To find the third largest/smallest number in a list. 10. To find the sum of squares of the first 100 natural numbers. 11. To print the first 'n' multiples of given number. 12. To count the number of vowels in user entered string. 13. To print the words starting with a alphabet in a user entered string. 14. To





				print the number of occurrences of a given alphabet in each string.
<b>August</b>		Dictionary	Dictionary: concept of key-value pair, creating, initializing, traversing, updating and deleting elements, dictionary methods and built-in functions: len(), dict(), keys(), values(), items(), get(), update(), clear(), del()	15. Create a dictionary to store names of states and their capitals. 16. Create a dictionary of students to store names and marks obtained in 5 subjects. 17. To print the highest and lowest values in the dictionary.
		NumPy	Creation of NumPy array from the list, Creation of 2D NumPy array.	
<b>September</b>	Half Yearly Examinations			
<b>October</b>	Unit 3: Database concepts and the Structured Query Language		Database Concepts: Introduction to database concepts and its need, Database Management System. Relational data model: concept of attribute, domain, tuple, relation, candidate key, primary key, alternate key, foreign key. Structured Query Language: Data Definition Language, Data Query Language and Data Manipulation Language, Introduction to MySQL: Creating a database, using database, showing tables using MySQL, Data Types: char, varchar, int, float, date Data Definition Commands: CREATE, DROP, ALTER (Add and Remove primary key, attribute). Data Query Commands: SELECT-FROM-WHERE, LIKE, BETWEEN, IN, ORDER BY, using arithmetic, logical, relational operators and NULL values in queries, Distinct clause Data Manipulation Commands: INSERT, UPDATE, DELETE.	19. To create student table with the student id, class, section, gender, name, dob, and marks as attributes where the student id is the primary key. 20. To insert the details of at least 10 students in the above table. 21. To display the entire content of table. 22. To display Rno, Name and Marks of those students who are scoring marks more than 50. 23. To find the average of marks from the student table. 24. To find the number of students, who are from section 'A'. 25. To display the information all the students, whose name starts with 'AN' (Examples: ANAND, ANGAD,..) 26. To display Rno, Name, DOB of those students who are born between '2005- 01- 01' and '2005-12-31'. 27. To display Rno, Name, DOB, Marks, Email of those male students in ascending order of their names.





				28. To display Rno, Gender, Name, DOB, Marks, Email in descending order of their marks. 29. To display the unique section available in the table.
<b>November</b>	Unit 4: Introduction to the Emerging Trends		Artificial Intelligence, Machine Learning, Natural Language Processing, Immersive experience (AR, VR), Robotics, Big data and its characteristics, Internet of Things (IoT), Sensors, Smart cities, Cloud Computing and Cloud Services (SaaS, IaaS, PaaS); Grid Computing, Block chain technology.	<ul style="list-style-type: none"> <li>Identify the Emerging trends in the fields of Information Technology.</li> </ul>
<b>December</b>	Revision			
<b>January</b>	Revision			

### Exam Syllabus

Unit Test I	Half Yearly	Unit Test II	Qualifying	Annual
Unit 1: Introduction to Computer System Unit 2: Introduction to Python	Unit 1: Introduction to Computer System Unit 2: Introduction to Python List, Dictionary	Unit 3: Database Concepts and The Structured Query Language	Unit 2: Introduction to Python List, Dictionary Unit 3: Database Concepts and The Structured Query Language	Complete Syllabus

**SUBJECT – ARTIFICIAL INTELLIGENCE**

Month	Unit Name	Learning Outcomes	Practical
May	<b>Part A: Unit I: Communication Skills III</b>	<p>Students will be able to:</p> <ul style="list-style-type: none"> <li>Identify the elements of Communication, understand communication cycle, identify the factors affecting our perspectives in communication.</li> <li>Understand Verbal Communication, 7 Cs of Communication. Explain the importance of non – verbal and visual communication. Use the right non – verbal communication at work. Avoid common mistakes in non – verbal communication.</li> <li>Explain the meaning of Phonetics. Differentiate between Vowel, Diphthong and Consonant.</li> <li>Understand different Communication Styles. Saying No — Demonstrate the knowledge of using Refusal Skills.</li> <li>Revise their knowledge of Writing Skills, they will learn Parts of Speech, Sentences.</li> <li>Understand the relevance of Greetings and Introduction, talking about self, Asking Questions, talking about Family, Describing Habits and Routines, Asking for Directions</li> </ul>	<ul style="list-style-type: none"> <li>Categorize the given applications into the three domains.</li> <li>IBM Skills Build – Introduction to AI</li> </ul>
July	<b>Part A: Unit II: Self – Management Skills III</b>  <b>Part B: Unit I: Introduction : Artificial Intelligence for everyone</b>  <b>Part B: Unit II: Unlocking your future in AI</b>	<p>Students will be able to:</p> <ul style="list-style-type: none"> <li>Understand Strength and Weakness Analysis</li> <li>List the benefits of Grooming, Follow the guidelines for grooming.</li> <li>List the benefits of maintaining Personal Hygiene.</li> <li>Explain the meaning of Team, Describe the benefits of working in a Team, Describe the importance of achieving the team’s goal.</li> <li>Understand and develop Networking Skills.</li> <li>Explain the meaning of Self-motivation.</li> <li>Understand Goal Setting, SMART Goals, understand the best way to work on long term goals.</li> <li>Describe the importance of Time Management.</li> </ul> <p>Students will be able to:</p> <ul style="list-style-type: none"> <li>Communicate effectively about AI concepts and applications in written and oral formats.</li> <li>Describe the historical development of AI.</li> <li>Differentiate between various types and domains of AI, including their applications.</li> <li>Recognize the key terminologies and concepts related to machine learning and deep learning.</li> <li>Formulate informed opinions on the potential benefits and limitations of AI in various contexts.</li> </ul> <p>Students will be able to:</p> <ul style="list-style-type: none"> <li>Articulate the demand for AI professionals and the diverse career opportunities available in the field.</li> <li>Identify the requisite skills and tools needed to pursue a career in artificial intelligence.</li> </ul>	<ul style="list-style-type: none"> <li>Identify ten companies currently hiring employees for specific AI positions.</li> <li>Note down the technical skills and soft skills listed by any two companies for the specific AI position.</li> </ul>





		<ul style="list-style-type: none"> <li>Understand the potential roles and responsibilities of AI professionals across different industries.</li> <li>Explore resources for further learning and skill development in the field of AI.</li> <li>Evaluate their own interests and skills to determine potential pathways for a career in AI.</li> </ul>	
<b>August</b>	<p><b>Part B: Unit III: Python Programming</b></p> <p><b>Part B: Unit IV: Introduction to Capstone Project</b></p> <p><b>Part A: Unit III: ICT Skills III</b></p>	<p>Students will be able to:</p> <ul style="list-style-type: none"> <li>Explain the basics of python programming language and write programs with basic concepts of tokens.</li> <li>Use selective and iterative statements effectively.</li> <li>Gains practical knowledge on how to use the libraries efficiently.</li> </ul> <p>Students will be able to:</p> <ul style="list-style-type: none"> <li>Decompose any problem using the 5W1H method.</li> <li>Apply Design thinking methodology.</li> <li>Create empathy maps.</li> <li>Align problems to SDGs.</li> <li>Apply all the learnings in solving real world problems.</li> <li>Comfortably express their solution to a problem in non-technical words.</li> </ul> <p>Students will be able to:</p> <ul style="list-style-type: none"> <li>Understand ICT.</li> <li>Explain what a word processor is, Learn Basic Interface of LibreOffice Writer,</li> <li>Learn Saving, Closing, Opening and Printing Document.</li> <li>Learn to format text in a Word Document.</li> <li>Learn to Check Spelling and Grammar, Inserting Lists, Tables, Pictures, and Shapes.</li> <li>Learn to insert Header, Footer and Page Number.</li> <li>Explain the need of tracking changes in LibreOffice Writer.</li> </ul>	<ul style="list-style-type: none"> <li>Python programs using operators, data types, control statements.</li> <li>Python programs on Numpy, Pandas, Scikit-learn.</li> <li>Create an empathy map for a given scenario.</li> <li>Project Abstract Creation Using Design Thinking Framework.</li> <li>Python programs to demonstrate the use of mean, median, mode, standard deviation and variance.</li> <li>Python programs to visualize the line graph, bar graph, histogram, scatter graph and pie chart using matplotlib.</li> </ul>
<b>September</b>	Revision and Half Yearly Examination		
<b>October</b>	<p><b>Part B: Unit V: Data Literacy – Data Collection to Data Analysis</b></p> <p><b>Part B: Unit VI: Machine Learning Algorithms</b></p>	<p>Students will be able to:</p> <ul style="list-style-type: none"> <li>Explain the importance of data literacy in AI.</li> <li>Identify different data collection methods and their applications.</li> <li>Comprehend mathematical concepts related to matrices, its operations, and applications.</li> <li>Apply basic data analysis techniques to analyze data.</li> <li>Visualize the data using different techniques.</li> </ul> <p>Students will be able to:</p> <ul style="list-style-type: none"> <li>Differentiate the different types of machine learning methods.</li> <li>They will be able to understand the concept behind each machine learning method.</li> <li>Apply these methods to develop simple solutions for some day-to-day situations.</li> </ul>	<ul style="list-style-type: none"> <li>Calculation of pearson correlation coefficient in MS – Excel.</li> <li>Demonstration of Linear regression in MS – Excel / using python program.</li> <li>Demonstration of k – Nearest Neighbour using python program.</li> <li>Demonstration of k – means</li> </ul>





		<ul style="list-style-type: none"> <li>Build up this knowledge to the next level to apply during Capstone Project development.</li> </ul>	clustering using python program.
<b>November</b>	<b>Part A: Unit IV: Entrepreneurial Skills III</b>  <b>Part B: Unit VII: Leveraging Linguistics and Computer Science</b>	<p>Students will be able to:</p> <ul style="list-style-type: none"> <li>Learn and understand Entrepreneurship.</li> <li>Learn and understand the values of an Entrepreneur, Attitude of an Entrepreneur.</li> <li>Learn to think like an entrepreneur.</li> <li>Come up with a Business Idea.</li> <li>Understand the Market and Business Planning</li> </ul> <p>Students will be able to:</p> <ul style="list-style-type: none"> <li>Develop a better understanding of the complexities of language and the challenges involved in NLP tasks.</li> <li>Learn new techniques and algorithms for NLP tasks.</li> </ul>	<ul style="list-style-type: none"> <li>Create a chatbot on ordering ice-creams using any of the following platforms:               <ol style="list-style-type: none"> <li>Google Dialogflow</li> <li>Botsify.com</li> <li>Botpress.com</li> <li>Any other online platform</li> </ol> </li> <li>Python program to demonstrate the working of a chatbot.</li> <li>Python program to summarize the given text.</li> </ul>
<b>December</b>	<b>Part B: Unit VIII: AI Ethics and Values</b>  <b>Part A: Unit V: Green Skills III</b>	<p>Students will be able to:</p> <ul style="list-style-type: none"> <li>Demonstrate an understanding of the fundamental principles of ethics and gain insight into ethical considerations related to AI technologies.</li> <li>Develop an understanding of AI bias, its sources, and its real-world implications, as well as the ethical considerations.</li> <li>Identify and apply strategies for mitigating bias in AI systems to promote fairness and transparency in technology.</li> <li>Recognize the significance of AI policies in promoting responsible, safe, and ethical use of AI technologies.</li> </ul> <p>Students will be able to:</p> <ul style="list-style-type: none"> <li>Understand Sectors of Green Economy.</li> <li>Learn and analyze Policies for a Green Economy.</li> <li>Understand the Stakeholders in Green Economy.</li> <li>Understand and relate the role of Government and Private Agencies.</li> </ul>	<ul style="list-style-type: none"> <li>Summarize your insights and interpretations from the video "Humans need not apply."</li> <li>Comparative study of AI policies (that involve examining guidelines and principles) established by various organizations and regulatory bodies.</li> <li>Understanding ethical dilemma using Moral machine Survival of the best fit.</li> </ul>
<b>January</b>	Revision and Qualifying Examination.		
<b>February</b>	Revision and Annual Examination		

### Exam Syllabus

Unit Test I	Half Yearly	Unit Test II	Qualifying	Annual
Part A: Unit I, II Part B: Unit I, II	Part A: Unit I, II, III Part B: Unit I, II, III, IV	Part A: Unit IV Part B: Unit V, VI	Part A: Unit I to V Part B: Unit I to VI and VIII	Complete Syllabus

**SUBJECT – PSYCHOLOGY**

Month	Name of the Chapter	Objective/Aim	Subject Enrichment /Lab Activity	Project
<b>April</b>	Chapter-1 What is Psychology?	<ul style="list-style-type: none"> <li>Develop the understanding of mind and behaviour.</li> <li>Explain different fields of Psychology, its discipline, and professions.</li> <li>Develop the understanding of value of psychology in daily life.</li> </ul>	Arrange different areas of psychology according to your interest.	
<b>May</b>	Chapter-2 Methods of enquiry	<ul style="list-style-type: none"> <li>Explain the goals and nature of psychological enquiry.</li> <li>Explain the important methods of psychological enquiry.</li> <li>Develop the understanding about the limitations of psychological enquiry and ethical considerations.</li> </ul>		Students will prepare project by using different methods of psychological enquiry.
<b>July</b>	Chapter-3 Human Development	<ul style="list-style-type: none"> <li>Explain the meaning and process of development.</li> <li>Explain and identify the stages of development and describe the major characteristics of infancy, childhood, Adolescence, adulthood and old age</li> </ul>	Interview people from 3 different stages of life, for example, 20-30, 35-60, 60 years of age and find out major transitions that have taken place in their lives.	
<b>August</b>	Chapter-4 Sensory Attentional and Perceptual Processes	<ul style="list-style-type: none"> <li>Develop the understanding of nature of sensory processes.</li> <li>Explain the types and processes of attention.</li> <li>Develop the understanding of the role of socio-cultural factors in perception.</li> </ul>		
<b>September</b>	Chapter-5 Learning	<ul style="list-style-type: none"> <li>Develop the understanding of the nature and features of learning.</li> <li>Explain the types of learning.</li> <li>Acquainted with the leaning principles.</li> </ul>	Experiment on Methods of Verbal Learning.	
<b>October</b>	Chapter-6 Memory	<ul style="list-style-type: none"> <li>Develop the understanding of the nature of memory.</li> <li>Develop the understanding of the nature and causes of forgetting.</li> <li>Develop the skills for improving memory.</li> </ul>	Experiment based on Memory processes.	
<b>November</b>	Chapter-7 Thinking	<ul style="list-style-type: none"> <li>Understand the nature of thinking and Reasoning.</li> </ul>		



		<ul style="list-style-type: none"> <li>Understand the nature and process of creative thinking and learn the ways of enhancing it.</li> <li>Understand the relationship between language and thought.</li> </ul>		
<b>December</b>	Chapter-8 Motivation and Emotion	<ul style="list-style-type: none"> <li>Understand the nature of human motivation.</li> <li>Describe the nature of some important motives.</li> <li>Describe the nature of emotional expression.</li> <li>Students will get to know about managing emotions.</li> </ul>		
<b>January</b>	Revision			
<b>February</b>	Revision			

### Exam Syllabus

Unit Test I	Half Yearly	Unit Test II	Qualifying	Annual
Chapter-1 What is Psychology? Chapter-2 Methods of Enquiry.	Chapter-1 What is Psychology? Chapter-2 Methods of Enquiry Chapter-3 Human Development Chapter-4 Sensory Attentional and Perceptual Processes	Chapter-5 Learning Chapter-6 Memory	Chapter-1 What is Psychology? Chapter-2 Methods of Enquiry Chapter-3 Human Development Chapter-4 Sensory Attentional and Perceptual Processes Chapter-5 Learning Chapter-6 Memory Chapter- 7 Thinking	Complete Syllabus



**SUBJECT – COMMERCIAL ART**

Month	Name of the Chapter	Objective/Aim	Subject Enrichment Activity	Project
April	Fundamental of Art- Element of Art, Principles of Art.	Students will be able to understand different elements and principles of art.	How to use different drawing tools and materials to create three-dimensional art work	
May	Pre Historic Rock Paintings. Indus valley Civilization. Introduction, period and location. Study of sculptures and terracotta's.	To familiarize students with Pre Historic Rock Painting and Indus Valley Civilization's various modes of art expressions and styles.	To draw a still life composition, set an eye level with one vanishing point.	Make still life composition with pencil shading.
July	Buddhist, Jain and Hindus art.	Students will be acquainted with wide range of artistic impressions techniques and paintings.	Solving design problems that come up while creating and communicating through images.	
August	Ajanta Caves location- period, number of caves, subject matter and techniques and study of paintings and sculptures.	Students will be acquainted with wide range of artistic impressions techniques and paintings and sculptures of Ajanta Caves.	Stimulating creative thoughts, curiosity, open-mindedness, freedom, perseverance and flexibility.	
September	General Introduction of and study of sculptures during Mauryan, Kushan & Gupta Period.	Students will get to know about the various forms of artistic styles of sculpture of Mauryan, Kushan & Gupta period.	Encouraging to make thoughtful responses that include describing, analysing, interpreting, and judging.	
October	Indian Temple Sculptures and artistic aspects of Indian Temple Sculptures.	This would enable and enrich in students artistic sense and sensibility towards Indian Temple Sculptures.	Understanding various careers in art and related areas.	
November	Bronze Sculptures from Chola period Introduction of Indian Bronze, methods of casting and study of Chola Sculptures.	Here students will observe brief glimpses of development of Indian Bronze Art and methods of Casting of Bronze.	To developing advertising and promotional ideas, essential to survive in a thriving and sustainable market.	Make a poster of any edible product.



<b>December</b>	Indo Islamic Architecture Features 1. Qutub Minar 2. Gol Gumbad of Bijapur	Here students will get to understand the origin and development of Indo Islamic Architecture.		
<b>January</b>	Revision			
<b>February</b>	Revision			

### Exam Syllabus

Unit Test I	Half Yearly	Unit Test II	Qualifying	Annual
Fundamental of art, Pre-historic Rock painting, Indus valley civilization and its artistic aspect.	Buddhist, Jain and Hindu Art, Ajanta Caves Location and Technique and painting and sculptures	Indian temple Architecture and sculptures Indian Bronze Natraj.	Complete Syllabus	Complete Syllabus



**SUBJECT – HOME SCIENCE**

Month	Name of the Chapter	Objective/Aim	Subject Enrichment Activity	Project
<b>April</b>	CH-1 Introduction to Home Science Ch-2 Understanding the Self	-Understand different areas of home science and its scope -discuss the importance of knowing oneself and the significance of developing a positive sense of self. -list the factors that influence the development of selfhood and identity.	Planning of therapeutic meals	
<b>May</b>	Ch-3 Food, Nutrition, Health and Fitness  Ch-4 Management of Resources	-define the terms — food, nutrition, nutrients, health, fitness and the role of food and nutrition in maintaining health. -understand the basis for defining the Recommended Dietary Allowances (RDAs) and the difference between Dietary Requirement and RDA. -discuss the concept of a resource. -identify various resources.	Prepare a PPT on different types of hazards	
<b>July</b>	Ch-5 Fabrics Around Us  Ch-6 Media and Communication Ch-7 A. Nutrition, Health and Hygiene	-discuss the diversity in fabrics. -name and classify the fabrics commonly seen around. -define the concept of communication. -discuss the significance of communication in everyday life -discuss the importance of health and its dimensions. -understand the interrelationship of nutrition and health.		Hand-made handloom with yarns
<b>August</b>	Ch-7 B. Resource Availability and Management  Ch- 8 Survival, Growth and Development	-describe time and space as important resources. - analyse the need for managing time and space. -explain the concepts of survival, growth and development. -analyse the relationship between growth and health. -make suggestions for planning balanced meals for children	Flip book on principles/ elements of design	
<b>September</b>	Ch-9 Nutrition, Health and Wellbeing	-describe the nutritional needs of children at different stages of development.	Flow chart on different functions of housekeeping department	
<b>October</b>	Ch-10 Our Apparel	-discuss the clothing functions and the factors influencing selection of clothes.	Prepare own food label of any product	





	Ch- 11 Health and Wellness	-identify general clothing needs of the children. -discuss the importance of health and fitness. -explain the health concerns and challenges of adults.		
<b>November</b>	Ch- 12 Financial Planning and Management	-understand the meaning and concept of financial management. -know the different types of income.		
<b>December</b>	Ch- 13 Care and Maintenance of Fabrics	-understand the aspects of care and maintenance of different fabrics. -know the procedure of removing different stains.		
<b>January</b>	Revision			
<b>February</b>	Annual Examination			

**Exam Syllabus**

<b>Unit Test I</b>	<b>Half Yearly</b>	<b>Unit Test II</b>	<b>Qualifying</b>	<b>Annual</b>
Ch- 1, 2	Ch- 1, 2, 3, 4, 5, 6, 7	Ch- 8, 9	Ch- 1, 3, 4, 5, 7, 8, 9, 10	Complete Syllabus

**SUBJECT – HINDUSTANI MUSIC VOCAL**

Month	Name of the Chapter	Objective/Aim	Subject Enrichment Activity	Project
<b>April</b>	Basics of raag & taal Alankar & teen taal	Explain the basic terms of Indian classical music.	Sargam practice in different Laya in practical class.	
<b>May</b>	Raag Vihag General Introduction Aroh Avroh palta & Swar vistar Teen taal on hand	Introduction of raag, & taal.	Sargam Geet practice in raag& Basic Knowledge of taal on hands in practical class.	
<b>July</b>	Raag Vihag swar vistar drut Khayal with Alap - taan Teen taal thah, dugun chargin lay kari on hands. Brief Description - Naad, Shruti, Swar, Saptak, Margee Gaan	Explain raag with notation Taal on hands in different layakari. Knowledge of basic terms of Indian classical music.	Practice of raag & taal in detail.	
<b>August</b>	Raag Vihag -notation with alap taan. Raag Bhimpalasi parichay Teen taal with thah dugun & chargin lay kari and taal notation. Life sketch of Tansen. Dhrupad gayan shelly Tanpura sachitr varnan	Introduction of Bhimpalasi raag and explain raag in detail. To show different laya on hands. To know about the contribution of Indian classical music. Explain the structure of tanpurasician.	Demonstration & practice of raag & taal	
<b>September</b>	Raag Bhimpalasi drut Khayal with Alap –taan. Ek Taal thah & dugun on hands & Taal Notation	Raag Bhimpalasi drut Khayal with Alap –taan. Ek Taal thah & dugun on hands & Taal Notation	Practice of raag & taal in detail.	
<b>October</b>	RaagBhimpalasi Notation with Alaptaan EkTaalthah, dugun, chargin on hands &taallipi. Brief Description of that, laya, raag, raagjati,khayal ,Thaat, life sketch V.N Bhathkhande,	Raag Bhimpalasi Notation with Alap taan Ek Taal thah, dugun, chargin on hands &taallipi. Brief Description of that, laya, raag, raagjati,khayal ,Thaat, life sketch V.N Bhathkhande,	Practice of raag & taal.	
<b>November</b>	Raag Bhairvi Parichay & Drut khayal, taal char taal thah & taallipi. Brief Description - taal, tarana, sangeet Natyashastra, Life sketch V.N Paluskar,	Description of raag & taal through drut khyal and taal notation. Know about the life history & contribution of musician.	Practice of raag & taal in detail.	



<b>December</b>	Raag Bhairvi Notation, char taalthah, dugun ,chargun with taallipi Raag pehchaan & Bhairvi Alap - Taan	To know about the raag & taal in detail.	Practice of raag & taal in detail.	
<b>January</b>	Vilambit khayal /dhrupad bandish with Notation. Revision of previous ragas & taal	Explain dhrupad singing style with bandish.	Practice of raag & taal in detail.	Music practical file.
<b>February</b>	Vilambit khayal/dhrupad with alap /lay karee.	Discuss & explain raag drutkhyal , dhrupad & taal.	Practice of raag & taal in detail.	

### Exam Syllabus

Unit Test I	Half Yearly	Unit Test II	Qualifying	Annual
Naad, Shruti, swar, Saptak, Margee gaan, Dhrupad, Tansen, Teen taal thah, dugun chargun parichay & taal lipi, Ektaal parichay thah laya. Raag vihag parichay, pehchaan, drut khayal, Raag Bhimpalasi Parichay.	Raag Vihag drut Khayal with Alap & taan drut khayal with alap taan teen taal thah, dugun chargun laykari on hands. Brief Description - Naad, Shruti, Swar, margee gaan, Saptak, raag pehchaan Raag Vihag-notation with alap taan, raag Bhimpalasi Parichay ektaal Parichay, taal lipi life sketch of Tansen Raag & Taal parichay Dhrupad. Raag Bhimpalasi drut Khayal with Alap -taan	Raag Bhimpalasi Notation With Alap taan EkTaal thah, dugun, chargun on hands & taal lipi . Brief Description thaata, laya, raag, raag jati, khayal. Life sketch - V.N Bhathkhende, V. N Palusker, tanpure ka sachitr varnan, Raag Bhairvi Parichay & Drut khayal, taal char taal thah & taal lipi, Brief Description - taal, tarana, sangeet Natyashastra, Raag Bhairvi Notation, char taal thah, dugun chargun with taal lipi, raag pehchaan & Bhairvee Alap - Taan	Raag Bhimpalasi Notation With Alap taan, Brief Description thaata, laya, raag, raag jati, khayal. life sketch- V.N Bhathkhende, V. N Palusker, tanpure ka sachitr varnan, Raag Bhairvi Parichay & Drut khayal, Raag Bhairvi notation, Bhairvee Alap – Taan char taal thah, dugun chargun with taal lipi, Brief Description - taal, tarana, sangeet Natyashastra, raag pehchaan & Vilambit khayal /dhrupad bandish with Notation.	Raag Bhimpalasi Notation With Alap taan, Brief Description thaata, laya, raag, raag jati, khayal. life sketch- V.N Bhathkhende, V. N Palusker, tanpure ka sachitr varnan, Raag Bhairvi Parichay & Drut khayal, Raag Bhairvi notation, Bhairvee Alap – Taan char taal thah, dugun chargun with taal lipi, Brief Description - taal, tarana, sangeet Natyashastra, raag pehchaan & Vilambit khayal /dhrupad bandish with Notation.





**SUBJECT – SUPW**

Month	Topic
April	Drawing on stone
May	Poster ( AI and Human)
July	Book marker
August	Old paper or newspaper craft
September	Folder
October	Stitching and tailoring
November	Shagun envelope
December	Greeting card for teacher's
January	Paper quilling
February	Best out of waste