

**DAV SEN. SEC. PUBLIC SCHOOL PATRAN**  
**MONTHLY SYLLABUS FOR CLASS – XI (2021-22)**

**SUBJECT: ENGLISH**

**JULY Hornbill:** The Portrait of a Lady  
A Photograph (Poem)  
We are Not Afraid to die...if We can All Be Together  
**Snapshots-** The Summer of the Beautiful White Horse  
The Address  
**Writing:** Article Writing, Speech Writing, Notice.  
**Grammar:** Editing, Rearranging jumbled words  
**AUGUST Hornbill:** Discovering Tut: the Saga Continues  
The Laburnum Top (Poem)  
Landscape of the Soul  
**Snapshots:** Ranga's Marriage  
Albert Einstein at School  
**Writing:** Job Application, Formal Letter, Report, Debate  
**Grammar:** Omission  
**SEPTEMBER** Revision  
**OCTOBER Hornbill:** The Voice of the Rain  
The Ailing Planet: the Green Movement's Role  
The Browning Version  
**Snapshots:** Mother's Day  
**Writing:** Business letters  
**Grammar:** Editing, Omission  
**NOVEMBER Hornbill:** The Adventure  
Childhood (Poem)  
**Snapshots:** The Ghat of the Only World  
**Writing:** Poster  
**Grammar:** Gap filling, jumbled sentences  
**DECEMBER Hornbill:** Silk Road  
**Snapshots:** Birth  
**Writing:** Speech, Advertisement  
**JANUARY Hornbill:** Father to Son  
**Snapshots:** The Tale of Melon City (Poem)  
**FEBRUARY** Revision

**SUBJECT: MATHEMATICS**

**JULY** Ch-1 Sets  
Ch-2 Relations and Functions  
Ch-3 Trigonometric Functions  
Ch-4 Principle of Mathematical Induction  
Ch-9 Sequence and Series  
**AUGUST** Ch-5 Complex Numbers and Quadratic Equations  
Ch-6 Linear Inequalities  
**SEPTEMBER** Ch-7 Permutations & Combinations  
**OCTOBER** Ch-8 Binomial Theorem  
Ch-13 Limits & Derivatives  
**NOVEMBER** Ch-10 Straight Lines  
Ch-11 Conic Sections  
**DECEMBER** Ch-12 Introduction to Three Dimensional Geometry  
**JANUARY** Ch-15 Statistics  
Ch-16 Probability  
Supplementary Material

## **SUBJECT: ACCOUNTANCY**

**JULY** CH-1 Introduction to Accounting  
CH-2 Basic Accounting Terms  
CH-3 Theory base of Accounting and Accounting Standards  
CH-4 Basis of Accounting  
CH-5 Accounting Equation  
CH-6 Rules of Debit and Credit  
**AUGUST** Ch-7 Vouchers  
Ch-8 Journal and Ledger  
Ch-9 Special Purpose Book-1-Cash Book  
Ch-10 Special purpose Book II Other Books  
Ch-11 Bank Reconciliation Statement (cash book to pass book)  
Ch-12 Trial Balance  
**SEPTEMBER** Ch-11 Bank Reconciliation Statement  
(Pass book to cash book)  
**OCTOBER** Ch-13 Depreciation  
Ch-14 Provisions & Reserves  
Ch-15 Accounting For Bills Of Exchange  
**NOVEMBER** Ch-16 Rectification of Errors  
Ch-17 Financial Statements of Sole proprietorship  
Ch-18 Adjustments in preparation of Financial Statements  
**DECEMBER** Ch- 18 (cont.)  
Ch-19 Accounting for Incomplete Records  
**JANUARY** Ch-20 Computers in Accounting  
Ch- 21 Tally

## **SUBJECT: BUSINESS STUDIES**

**JULY** Ch-1 Evolution and Fundamentals of Business  
Ch-2 Forms of Business Organization  
Ch-3 Public, Private & Global Enterprises  
**AUGUST** Ch -4 Business services  
Ch -5 Emerging modes of Business  
Ch -6 Social Responsibility of Business & Business Ethics  
**SEPTEMBER** Ch-7 Formation of A Company  
Ch -8 Sources of Business Finance  
**OCTOBER** Ch -8 Sources of Business Finance (contd.)  
Ch-9 Small Business and Enterprises  
**NOVEMBER** Ch-10 Internal trade  
Ch-11 International Business-1  
**DECEMBER** Ch-12 International Business-2  
**JANUARY** Project Work  
Revision

## **SUBJECT: ECONOMICS**

MONTHS	MICROECONOMICS	STATISTICS
<b>JULY</b>	Ch-1. Economics and economy Ch-2 . Central Problems of an Economy Ch-3,4 Consumer Equilibrium (utility analysis & Indifference Curve Analysis)	Ch-1. Statistics in economics Ch-2. Collection of data
<b>AUGUST</b>	Ch-5 Theory of Demand Ch-6 Price Elasticity of Demand	Ch-3. Census & Sample method Ch-4. Organisation of data Ch-5. Tabular presentation
<b>SEPTEMBER</b>	Ch-7 Production Function & Returns to a factor	Ch-6. Bar & Pie diagrams
<b>OCTOBER</b>	CH-8 Cost Concepts Ch-9 Revenue Concepts Ch-10 Producer Equilibrium	Ch-7. Histogram, Polygon, Ogive Ch-8. Line & Time series graphs
<b>NOVEMBER</b>	CH-11 Theory of Supply Ch-12 Forms of Market	Ch-9 ,10 Mean, Median, Mode
<b>DECEMBER</b>	Ch-12 Forms of Market (contd...) CH-13 Market Equilibrium of Perfect Competition	Ch-11. Measures of dispersion Ch-12. Correlation
<b>JANUARY</b>	Revision	Ch-13. Index Numbers
<b>FEBRUARY</b>	Revision of full syllabus	

## **SUBJECT: PHYSICAL EDUCATION**

<b>JULY</b>	Unit - I. Changing trends and career in Physical Education Unit - II. Olympic Value Education
<b>AUGUST</b>	Unit - III. Physical Fitness wellness and lifestyle Unit - IV. Physical Education and Sports for Differently-Abled (CWSN)
<b>SEPTEMBER</b>	Unit - V. Yoga
<b>OCTOBER</b>	Unit - VI. Physical Activity and Leadership Training Unit- VII. Test and Measurement and Evaluation
<b>NOVEMBER</b>	Unit - VIII. Fundamental of Anatomy and Physiology, Kinesiology in Sports
<b>DECEMBER</b>	Unit- IX. Psychology & Sports
<b>JANUARY</b>	Unit- X. Training and Doping in Sports
<b>FEBRUARY</b>	Revision

## **SUBJECT: PHYSICS**

- JULY** 1. Physical World  
2. Units & Measurement  
3. Motion in Straight Line  
4. Motion in Plane
- AUGUST** 5. Laws of Motion  
6. Work, Energy & Power
- SEPTEMBER** 7. System of Particles and Rotational Motion  
8. Gravitation
- OCTOBER** 9. Mechanical properties of solids
- NOVEMBER** 10. Mechanical properties of Fluids  
11. Thermal Properties of solids
- DECEMBER** 12. Thermodynamics  
13. Kinetic Theory of Gases
- JANUARY** 14. Oscillations  
15. Waves
- FEBRUARY** Revision

## **SUBJECT: CHEMISTRY**

- JULY** Ch-1 Some Basic Concepts Of Chemistry  
Ch-2 Structure of Atom  
Ch-3 Classification of Elements and Periodicity in Properties
- AUGUST** Ch-4 Chemical Bonding & Molecular structure  
Ch-5 States of Matter: Gases and Liquids  
Ch-6 Thermodynamics
- SEPTEMBER** Ch-8 Redox Reactions  
Ch-12 Organic Chemistry: Some Basic Principles
- OCTOBER** Ch-7 Equilibrium  
Ch-9 Hydrogen
- NOVEMBER** Ch-13 Hydrocarbons
- DECEMBER** Ch-10 s-Block Elements
- JANUARY** Ch-11 Some p-Block Elements  
Ch-14. Environmental Chemistry
- FEBRUARY** Revision

## **SUBJECT: BIOLOGY**

- JULY** Unit 1 Diversity in the Living World
- AUGUST** Unit 2 Structural Organization in Plants and Animals
- SEPTEMBER** Unit 3 Cells structure and function
- OCTOBER** Unit 4 Plant Physiology Transport in Plants Mineral Nutrition  
Photosynthesis in higher Plants, Respiration in Plants.
- NOVEMBER** Unit 4 Contd.
- DECEMBER** Unit 5 Human Physiology Digestion and Absorption Breathing And  
Exchange of Gases Body Fluids and Circulation
- JANUARY** Unit 5 Excretory Products and Their Elimination  
Locomotion & Movement  
Neural Control & Co-ordination  
Chemical Co-ordination & Integration

## **SUBJECT: HISTORY**

**JULY** Ch-1 From The Beginning Of Time

Ch-2 Writing and City Life

Ch-3 An Empire Across Three Continents

**AUGUST** Ch-4 The Central Islamic Lands

Ch-5 Nomadic Empires

**OCTOBER** Ch-6 The Three Orders

Ch-7 Changing Cultural Traditions

**NOVEMBER** Ch-7 -Changing Cultural Traditions (continued )

Ch -8-Confrontation of cultures

**DECEMBER** Ch-9- The Industrial Revolution

Ch-10- Displacing Indigenous People

**JANUARY** Ch -11-Paths of Modernization

## **SUBJECT: POLITICAL SCIENCE**

**JULY** Ch-1 Constitution: Why And How? & Ch-10 The Philosophy  
Of The Constitution

Ch-2 Rights in The Indian Constitution

Ch-3 Election and Representation

Ch-5 Executive

Ch-4 Legislature

**AUGUST** Ch-6 Judiciary

Ch-7 Federalism

Ch-8 Local Governments

Ch-9 Constitution as a Living Document

**SEPTEMBER** Revision

**OCTOBER** Ch-1 Political Theory An Introduction, Ch-2. Freedom,

Ch-3 Equality

**NOVEMBER** Ch-4 Social Justice, Ch-5 Rights, Ch-6 Citizenship

**DECEMBER** Ch-7 Nationalism

**JANUARY** Ch-8 Secularism, Ch-9 Peace, Ch-10 Development

## **SUBJECT: COMPUTER SCIENCE**

**JULY** Ch – 1 Computer System Overview

Ch -2 Data Representation

Ch-3 Boolean Logic

Ch- 4 Insight into program execution

**AUGUST** Ch -5 Computational thinking and getting started with Python.

Ch-6 Python Fundamentals

Ch-7 Data Handling

Ch-8 Conditional and Iterative statements

**SEPTEMBER** Ch-9 String Manipulation

**OCTOBER** Ch-10 Debugging programs

Ch-11 List Manipulation

Ch-12 Tuples

**NOVEMBER** Ch-13 Dictionaries

Ch-14 Understanding Sorting

**DECEMBER** Ch-15 Cyber Safety

Ch- 16 Online Access and Computer Security

## **SUBJECT: PAINTING (049)**

**JULY** - Unit 1 Six limbs of Indian Painting & fundamentals of Visual arts (Elements & Principle)

**AUGUST** Unit -1 Pre- Historic rock paintings and art of Indus valley

**OCTOBER** Unit -2 Buddhist & Jain Art

**NOVEMBER** Unit 2 Hindu Art

**DECEMBER** Unit 3 Temple Sculptures, Bronzes and Artistic aspects of Indo-Islamic architecture

**JANUARY** Revision