

SCIENCE STREAM YEAR PLAN 2023-2024.pdf

YEAR PLAN CLASS 11(HSC).pdf

STD XI ENGLISH YEAR PLAN 2023-2024 FINAL.pdf

XI_CS_YEAR PLAN 2023-2024 (2).pdf

Std 11 MATHS- Year plan 2023-24.pdf

STD XI YEAR PLAN 2023-24 PHYSICS.xlsx

STD XI CHEMISTRY 2023-2024 YP PDF.pdf

STD XI BOTANY - YEAR PLAN.pdf

STD XI ZOOLOGY YEAR PLAN 2023-24.pdf

XI_IP_YEAR PLAN 2023-2024 (3).pdf

BHAVAN'S VIDYA MANDIR ELAMAKKARA		
STD XI ENGLISH - YEAR PLAN FOR THE ACADEMIC YEAR 2023-24		
TOPIC / SUB-TOPIC		
	HORNBILL	SNAPSHOTS
JUNE (23 days)	L1. The Portrait of a Lady P1. A Photograph	L1. The Summer of the Beautiful White Horse
JULY (22 days)	L2. We're Not Afraid to Die.... if We Can All Be Together P2. The Laburnum Top	
AUGUST (19 days)	L3. Discovering Tut: the Saga Continues (Not included for Mid Term Evaluation 1)	
MID TERM EVALUATION I (07/08/2023 - 11/08/2023)		
SEPTEMBER (19 days)	P3. The Voice of the Rain	L2. The Address
TERM END EVALUATION (05/10/2023 - 13/10/2023)		
OCTOBER (21 days)	P4. Childhood	L3. Mother's Day
NOVEMBER (24 days)		L4. Birth
DECEMBER (18 days)	L4. The Adventure P5. Father to Son	
MID TERM EVALUATION II (08/01/2024 - 12/01/2024)		
JANUARY (22 days)	L5. Silk Road	L5. The Tale of Melon City
FEBRUARY (23 days)	Revision	
FINAL EXAMINATION (19/02/2024 - 28/02/2024)		
	PORTIONS	
MID TERM EVALUATION	HORNBILL	WRITING
(07/08/2023 - 11/08/2023)	L1. The Portrait of a Lady P1. A Photograph	W1 Poster
	L2. We're Not Afraid to Die.... if We Can All Be Together P2. The Laburnum Top	R1. Note Making
	SNAPSHOTS	W2. Speech
	L1. The Summer of the Beautiful White Horse	INTEGRATED GRAMMAR
TERM END EVALUATION	Mid Term Evaluation I Portions	
(05/10/2023 - 13/10/2023)	HORNBILL	WRITING
	L3. Discovering Tut: the Saga Continues	W3. Advertisements (Classifieds)
	P3. The Voice of the Rain	i. Situation Wanted/ vacant

	SNAPSHOTS	ii. For sale/ To Let
	L2. The Address	
MID TERM EVALUATION II	HORNBILL	WRITING
(08/01/2024 - 12/01/2024)	P4. Childhood	W3. Advertisements (Classifieds)
	L4. The Adventure P5. Father to Son	iii. Automobile
	SNAPSHOTS	iv. Missing
	L3. Mother's Day	v. Lost and Found
		vi. Educational Institution
		vii. Travel and Tours
	L4. Birth	W4. Debate
FINAL EXAMINATION	MID TERM EVALUATION I&2 ,TERM END I	
(19/02/2024 - 28/02/2024)	HORNBILL	
	L5. Silk Road	
	SNAPSHOTS	
	L5. The Tale of Melon City	

BHARATIYA VIDYA BHAVAN, KOCHI**YEAR PLAN FOR THE ACADEMIC YEAR 2023-24****STD: XI****SUB: COMPUTER SCIENCE**

MONTH	TOPIC	Portions for Exams
June	Unit II: Computational Thinking and Programming - 1 Getting started with Python	Mid Term Evaluation - 1 (7.8.2023 to 11.8.2023) Familiarization with the basics of Python programming, Knowledge of data types, Operators, Expressions, statement, type & input/output, Errors. Flow of control, Conditional Statements Iterative Statements (while loop only)
July	Unit II: Computational Thinking and Programming - 2 Flow of control	
August	Unit II: Computational Thinking and Programming - 3 Flow of control	
September	Unit II: Computational Thinking and Programming - 1 Iterative Statements (for loop) List	Term End Evaluation (5.10.2023 to 13.10.2023) Familiarization with the basics of Python programming, Knowledge of data types, Operators, Expressions, statement, type conversion & input/output, Errors. Flow of control, Conditional Statements Iterative Statements (while loop only) Iterative Statements (for loop) List Tuple Dictionary
October	Unit II: Computational Thinking and Programming - 1 Tuple Dictionary	
November	Unit II: Computational Thinking and Programming - 1 String	Mid Term Evaluation - 2 (8.1.2023 to 12.1.2023) String Basic Computer Organization Number System Boolean Algebra Societal Impacts
MONTH	TOPIC	
December	Unit I: Computer Systems and Organisation Basic Computer Organization Number System Boolean Algebra	
January & February	Unit III: Society, Law and Ethics Societal Impacts	
Final Examination (19.2.2023 to 28.2.2023)		

BHARATIYA VIDYA BHAVAN, KOCHI KENDRA		
YEAR PLAN FOR THE ACADEMIC YEAR 2023-2024		
STD XI - MATHEMATICS (041)		
MONTH	UNIT	TOPIC
JUNE	1	SETS
	2	RELATIONS AND FUNCTIONS
JULY	4	COMPLEX NUMBERS & QUADRATIC EQUATIONS
MID TERM EVALUATION I (Chapters - 1, 2 & 4)		
AUGUST	8	SEQUENCES AND SERIES
SEPTEMBER	3	TRIGONOMETRIC FUNCTIONS
	13	STATISTICS
TERM END EVALUATION (Chapters - 1, 2, 4, 8 & 3)		
OCTOBER	9	STRAIGHT LINES
NOVEMBER	9	STRAIGHT LINES (CONTD)
	11	INTRODUCTION TO THREE DIMENSIONAL GEOMETRY
DECEMBER	6	PERMUTATIONS & COMBINATIONS
	7	BINOMIAL THEOREM
	10	CONIC SECTIONS
MID TERM EVALUATION II (Chapters - 13, 9, 11, 6 & 7)		
JANUARY	12	LIMITS AND DERIVATIVES
	5	LINEAR INEQUALITIES
FEBRUARY	14	PROBABILITY
FINAL EXAMINATION		

BHARATIYA VIDYA BHAVAN, KOCHI KENDRA

YEAR PLAN -2023-'24

STD XI-PHYSICS

MONTH	TOPIC	SUB-TOPICS
JUNE	PHYSICAL WORLD AND MEASUREMENT KINEMATICS 1	Need for measurement, significant figures, Dimensions of physical quantities. Describing motion, Relations for uniformly accelerated motion (graphical treatment).
		Instantaneous velocity Scalar and vector quantities; Vector operations

<p style="text-align: center;">JULY</p>	<p style="text-align: center;">KINEMATICS 1 (CONT....) KINEMATICS 2 LAWS OF MOTION(UPTO FRICTION)</p>	<p>Resolution of vectors Motion in a plane, cases of uniform velocity and uniform acceleration projectile motion uniform circular motion Newtons first law of motion,Newton second law of motion,Newtons third law of motion,conservation of linear momentum ,Equilibrium of concurrent forces</p>
<p style="text-align: center;">AUGUST</p>	<p style="text-align: center;">LAWS OF MOTION (CONT..) WORK ENERGY AND POWER</p> <p style="text-align: center;">MIDTERM 1 EXAMINATION (UNIT I,UNIT II(CHAPTER 3 UPTO PROJECTILE MOTION)) (10+8+7)</p>	<p>Friction Uniform circular motion Work Energy Collisions</p>

SEPTEMBER	SYSTEM OF PARTICLES AND ROTATIONAL MOTION GRAVITATION	Center of mass Moment of a force and angular momentum Equilibrium of rigid bodies Moment of inertia, Kepler's laws of planetary motion Universal law of gravitation Gravitational potential energy Escape speed, orbital velocity of a satellite

<p>OCTOBER</p>	<p>TERM END EXAMINATION UNIT I,UNIT II,UNIT III,UNIT IV AND UNIT V (5+15+8+7+15)</p> <p>MECHANICAL PROPERTIES OF SOLIDS MECHANICAL PROPERTIES OF LIQUIDS</p>	<p>Elastic behaviour of solids, Modulus of Elasticity Elastic Energy, Pressure,Viscosity Surface tension, Capillary rise.</p>
<p>NOVEMBER</p>	<p>THERMAL PROPERTIES OF MATTER OSCILLATIONS</p>	<p>Heat ,heat transfer blackbody radiation ,periodic motion,simple harmonic motion energy in SHM</p>

DECEMBER	WAVES	Wave motion, reflection of waves
JANUARY	<p style="text-align: center;">MIDTERM 2- UNIT VI, UNIT VII (CHAPTER 7, CHAPTER 8 INCLUDING BERNOULLI'S THEOREM (12+13)</p> <p style="text-align: center;">THERMODYNAMICS KINETIC THEORY OF GASES</p>	<p style="text-align: center;">Zeroth law, first law, Second law and thermodynamical process, Equation of state of a perfect gas, Kinetic theory of gases, degrees of freedom</p>
FEBRUARY	<p style="text-align: center;">REVISION FINAL EXAMINATION UNIT 1 -5, UNIT 2 -8, UNIT 3-5, UNIT 4-4, UNIT 5 -6, UNIT 6-5, UNIT 7-9, UNIT 8-7, UNIT 9-6, UNIT 10-15</p>	

YEAR PLAN FOR THE ACADEMIC YEAR 2023-24**CLASS XI -CHEMISTRY (Subject code -043)**

MONTH	TOPIC
JUNE	Some Basic Concepts of Chemistry
JULY	Structure of atom
	Classification of Elements and Periodicity in Properties
AUGUST	Chemical Bonding and Molecular Structure
MID TERM EVALUTION - I AUGUST 7th - 11th PORTIONS- Some Basic Concepts of Chemistry(13),Structure of atom(12)Numericals(5)	
SEPTEMBER	Chemical Bonding and Molecular Structure (Contd.)
	Chemical Thermodynamics
TERM END EVALUATION - I OCTOBER 5th - 13th Portions - Some Basic Concepts of Chemistry(15),Structure of atom(18),Classification of Elements and Periodicity in Properties(17),Chemical Bonding and Molecular Structure(20) Numericals(7)	
OCTOBER	Chemical Thermodynamics (Contd.)
NOVEMBER	Equilibrium
DECEMBER	Redox reactions
JANUARY	Organic Chemistry -Some Basic Principles and Techniques
MID TERM EVALUATION -II JANUARY 8th TO 12th Portions - Chemical Thermodynamics(12),Equilibrium(13)	
FEBRUARY	Hydrocarbons
FINAL EXAMINATION FEBRUARY 19th - 28th (ALL PORTIONS :40% of TERM I & 60% of TERM II) UNIT 1(Some Basic Concepts of Chemistry) - 6 marks,UNIT 2(Structure of atom) - 7 marks,UNIT 3(Classification of Elements and Periodicity in Properties) - 7 marks, UNIT 4(Chemical Bonding and Molecular Structure) - 8 marks,UNIT 6(Chemical Thermodynamics) - 5 marks,UNIT 7(Equilibrium) - 6 marks, UNIT 8(Redox reactions)- 7 marks, UNIT 12(Organic Chemistry -Some Basic Principles and Techniques) - 11 marks & UNIT 13(Hydrocarbons) - 13 marks	

BHARATIYA VIDYA BHAVAN, KOCHI KENDRA**STD XI - BOTANY - YEAR PLAN****2023-2024**

MONTH	TOPIC
JUNE	1.DIVERSITY IN THE LIVING WORLD 2.BIOLOGICAL CLASSIFICATION
JULY	2.BIOLOGICAL CLASSIFICATION
	3. PLANT KINGDOM
AUGUST	3. PLANT KINGDOM
	5.MORHOLOGY OF FLOWERING PLANTS.
MID TERM EVALUATION I Portions - Living world , Biological classification , Plant Kingdom CHAPTERS 1,2 & 3	
SEPTEMBER	5.MORHOLOGY OF FLOWERING PLANTS
	6.ANATOMY OF FLOWERING PLANTS
OCTOBER	6.ANATOMY OF FLOWERING PLANTS
	10.CELL CYCLE AND CELL DIVISION
TERM END EVALUATION I Portions Living world , Biological classification , Plant Kingdom, Morphology of flowering plants. CHAPTERS 1,2,3 & 5	

NOVEMBER	<p>10.CELL CYCLE AND CELL DIVISION 11. PHOTOSYNTHESIS IN HIGHER PLANTS</p>
DECEMBER	<p>11.PHOTOSYNTHESIS IN HIGHER PLANTS 12.RESPIRATION IN PLANTS</p>
JANUARY	<p>12.RESPIRATION IN PLANTS 13. PLANT GROWTH AND DEVELOPMENT</p>
<p>MID TERM EVALUATION II PORTIONS CHAPTERS 6 &10 Anatomy of flowering plants and Cell cycle and Cell division</p>	
FEBRUARY	<p>13. PLANT GROWTH AND DEVELOPMENT</p>
<p>FINAL EXAMINATION FULL PORTIONS - CHAPTERS 1,2,3,5,6,10,11,12&13</p>	

BHARATIYA VIDYA BHAVAN, KOCHI**STD XI ZOOLOGY YEAR PLAN FOR THE ACADEMIC YEAR 2023-24**

MONTH	TOPIC
JUNE	CHAPTER 4 ANIMAL KINGDOM
JULY	CHAPTER 4 ANIMAL KINGDOM CONTD
	CHAPTER 7 STRUCTURAL ORGANISATION OF ANIMALS
AUGUST	CHAPTER 8 CELL- THE UNIT OF LIFE
	MIDTERM EVALUATION-1 (AUGUST 7 - 11) CHAPTER 4 ANIMAL KINGDOM AND CHAPTER 7 STRUCTURAL ORGANIZATION IN ANIMALS
SEPTEMBER	CHAPTER 9 BIOMOLECULES
OCTOBER	TERM END EVALUATION 1 (OCT 5-13) CHAPTER 4,7 AND 8
	CHAPTER 14 BREATHING AND EXCHANGE OF GASES
NOVEMBER	CHAPTER15-BODY FLUIDS AND CIRCULATION
DECEMBER	CHAPTER16-EXCRETORY PRODUCTS AND THEIR ELIMINATION
DECEMBER	CHAPTER 17 - LOCOMOTION AND MOVEMENT
JANUARY	CHAPTER 18 - NEURAL CONTROL AND COORDINATION
JANUARY	CHAPTER 19 - CHEMICAL COORDINATION AND INTEGRATION

MIDTERM EVALUATION -2 JANUARY (8-12) (CHAPTER 9 - BIOMOLECULES, CHAPTER- 14 BREATHING AND EXCHANGE OF GASES

FEBRUARY	REVISION
	FINAL EXAMINATION FEB 19 - 28 , FULL PORTIONS

BHARATIYA VIDYA BHAVAN, KOCHI
CLASS XI - INFORMATICS PRACTICES (065)
YEAR PLAN (2023 -'24)

MONTH	TOPIC	PORTIONS FOR EXAM
June	<p style="text-align: center;">Unit 2 Introduction to Python</p> <p>Introduction to Python Programming – 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.</p>	<p>Mid Term Evaluation I (7th Aug - 11th Aug)</p> <p>Introduction to Python Programming – 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.</p> <p>Introduction to Python Programming - Control Statements: if-else, if-elif-else, while loop</p>
July	<p style="text-align: center;">Unit 2 Introduction to Python</p> <p>Introduction to Python Programming - Control Statements: if-else, if-elif-else, while loop</p>	
August	<p style="text-align: center;">Unit 2 Introduction to Python</p> <p>Introduction to Python Programming - Control Statements : for loop</p>	
September	<p style="text-align: center;">Unit 2 Introduction to Python</p> <p>Introduction to Python Programming - Lists: list operations - creating, initializing, traversing and manipulating lists, list methods and built-in functions – len(), list(), append(), insert(), count(), index(), remove(), pop(), reverse(), sort(), min(), max(), sum()</p>	<p>Term End Evaluation (5th Oct – 13th Oct)</p> <p>Introduction to Python Programming – 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.</p> <p>Introduction to Python Programming - Control Statements: if-else, if-elif-else, while loop</p> <p>Introduction to Python Programming - Control Statements : for loop</p> <p>Introduction to Python Programming - Lists: list operations - creating, initializing, traversing and manipulating lists, list methods and built-in functions – len(), list(), append(), insert(), count(), index(), remove(), pop(), reverse(), sort(), min(), max(), sum()</p> <p>Dictionary: concept of key-value pair, creating, initializing, traversing, updating and deleting elements.</p> <p>Introduction to computer 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. Software: purpose and types – system and application software, generic and specific purpose software. (Project)</p>
October	<p style="text-align: center;">Unit 2 Introduction to Python</p> <p style="text-align: center;">Unit 1 Introduction to Computer System</p> <p>Dictionary: concept of key-value pair, creating, initializing, traversing, updating and deleting elements.</p> <p>Introduction to computer 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. Software: purpose and types – system and application software, generic and specific purpose software. (Project)</p>	
November	<p style="text-align: center;">Unit 2 Introduction to Python</p> <p style="text-align: center;">Unit 3: Database concepts and the Structured Query Language</p> <p>Introduction to Python Programming - Dictionary methods and built-in functions – dict(), len(), keys(), values(), items(), update(), del(), clear()</p> <p>Database Concepts: Introduction to database concepts and its need, Database Management System. Relational data model: Concept of domain, tuple, relation, candidate key, primary key, alternate key. Advantages of using Structured Query Language, Data Definition Language, Data Query Language and Data Manipulation Language.</p>	<p>Mid Term Evaluation II (8th Jan to 12th Jan)</p> <p>Introduction to Python Programming - Dictionary methods and built-in functions – dict(), len(), keys(), values(), items(), update(), del(), clear()</p> <p>Database Concepts: Introduction to database concepts and its need, Database Management System. Relational data model: Concept of domain, tuple, relation, candidate key, primary key, alternate key. Advantages of using Structured Query Language, Data Definition Language, Data Query Language and Data Manipulation Language</p> <p>Introduction to MySQL, creating a database using MySQL, Data Types</p> <p>Data Definition: CREATE DATABASE, CREATE TABLE, DROP, ALTER</p> <p>Data Query: SELECT, FROM, WHERE with relational operators, BETWEEN, logical operators, IS NULL, IS NOT NULL</p> <p>Data Manipulation: INSERT, DELETE, UPDATE</p>
December	<p style="text-align: center;">Unit 3: Database concepts and the Structured Query Language</p> <p>Introduction to MySQL, creating a database using MySQL, Data Types</p> <p>Data Definition: CREATE DATABASE, CREATE TABLE, DROP, ALTER</p> <p>Data Query: SELECT, FROM, WHERE with relational operators, BETWEEN, logical operators, IS NULL, IS NOT NULL</p>	
January	<p style="text-align: center;">Unit 3: Database concepts and the Structured Query Language</p> <p>Data Manipulation: INSERT, DELETE, UPDATE</p>	
February	<p style="text-align: center;">Unit 4: Introduction to the Emerging Trends</p> <p>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.</p> <p>REVISION</p>	<p>Final Examination (19th Feb - 28th Feb)</p>

BHARATIYA VIDYA BHAVAN ,KOCHI	
YEAR PLAN FOR THE ACADEMIC YEAR 2023-24	
SUBJECT: HOME SCIENCE	CLASS: XI
MONTH	TOPIC
JUNE	Chapter 1 Introduction to Home Science Chapter 2 - Understanding the Self.
JULY	Chapter 3 - Food, Nutrition, Health and Fitness Chapter 4 - Management of Resources
AUGUST	MID TERM EVALUATION 1- CHAPTERS 1,2,3&4
AUGUST - SEPTEMBER	Chapter 5- Fabric Around us
SEPTEMBER	Chapter 6 - Media and Communication Technology
OCTOBER	TERM END EVALUATION - CHAPTERS 1,2,3,4,5&6
OCTOBER	Chapter 7- Concerns and needs in diverse contexts
NOVEMBER	Chapter 8 -Survival, Growth and Development Chapter 9 - Nutrition, Health and Wellbeing
DECEMBER	Chapter 10 - Our Apparel Chapter 11 - Health and Wellness
JANUARY	MID TERM EVALUATION 2- CHAPTERS 7,8,&9
JANUARY	Chapter 12 - Financial Management and planning Chapter 13 - Care and Maintenance of fabrics
FEBRUARY	REVISION AND ANNUAL EXAMINATION