ST ALOYSIUS GONZAGA SCHOOL, MANGALURU

ANNUAL SYLLABUS PLAN 2024-25

CLASS: XI

TEACHER: Ms Tanuja Domber

SUBJECT: English

Month	No. of Periods	Lesson No.	Title of the Lesson	Teaching Methods	Activities	Learning Outcomes
June	03	01	The Portrait of a Lady	*Traditional method	Value based Character sketches	Students will be able to: * Think about and analyse the text. *know the sacrifices and support given by the grandparents in the family.
	02	1.1	The Photograph	*Language based	* Photographs taken in the earlier days - Collage * Quiz - Recapitulation of Figures of Speech	Students will be able to: *cultivate interest in poetry and adapt with the poetic forms. *understand the importance of human relationship.
	04	Snapshot 1	The Summer of the Beautiful White Horse	*Moral – approach	* Concept Map -qualities and different breeds of a horse	Students will be able to: *inculcate values like honesty, trust, responsibility *deal with the temperament of different family members to create a bond.
July	05	02	We are not afraid to die….. if we can all be together	*Moral-philosophical approach	*Video clippings on sea and ships – Group Presentation *Group Discussion - think people undertake adventurous expeditions in spite of the risks involved.	Students will be able to: *realise that hazardous experience teaches one to face the adverse circumstances with courage.

Periodic Test 1: 18-07-2024 to 24-07-2024						
August	05	03	Discovering Tut	* Information based approach	Seminar - Power point presentation on Egypt and pyramids	Students will be able to: *know about the archaeology and advancement in technologies. *understand the wastefulness of war.
	05	-	WRITING SKILLS: Note Making	* Information based approach/ PPT	Sharing ideas and develop appropriate style of writing	Students will be able to: *Express effectively, sharing ideas and develop appropriate style of writing.
	02	3.1	Laburnum Top	*Information based approach	Discussion on birds and their habitats	Students will be able to: *appreciate the beauty of nature. *learn to face the hardships in life.
	03	Snapshot 2	The Address	*Information based approach	Discussion on - Wars have resulted in significant loss of life along with destruction of infrastructure and resources	Students will be able to: *realise and analyse the situations and take appropriate decisions *understand that war destroys life and peace restores everything
	03	4.1	The Voice of the Rain	*Moral-philosophical approach	similarity between rain and music	Students will be able to: *inculcate values like care and concern to save the environment. *realise the importance of saving natural resources.
	04	-	WRITING SKILLS: Letter Writing	* Information based approach/ PPT	Purpose and significance of writing letters	Students will be able to: *develop and strengthen business relations, enquiries, registering complaints, placing orders, sending replies, apply for a job.
September	02	6.1	Childhood	*Moral – approach	Think, Pair and Share - Childhood experiences	Students will be able to: *differentiate between innocence and maturity *identify rhyme scheme

	07	07	The Adventure	*Language based /CLT	Adventurous Stories	Students will be able to: *appreciate the role of science fiction in the field of environment
Periodic Test 2: 19-09-2024 to 01-10-2024						
October	07	Snapshot 5	Mother's Day	*Moral-philosophical approach	Two minutes talk - Role of mother in your life	Students will be able to: *know that mothers have equal rights to enjoy their lives and deserve acknowledgement and appreciation.
	04	-	Grammar: Common Errors, Voice	* Information based	Concept Map – Usage of appropriate vocabulary and expressions	Students will be able to: *improve vocabulary and language skills.
November	04	Snapshot 7	Birth	*Moral-philosophical approach	Seminar - Describe the role of our doctors, scientists, administrators to combat covid-19.	Students will be able to: *be positive and confident in adverse situations. *to be faithful to one's profession.
	04	-	Grammar: Transformation of sentences	* Information based approach/ PPT	Practice exercises based on the skill. Puzzle round	Students will be able to: * use grammar correctly in the given context.
	06	08	Silk Road	*Traditional	Group Discussion on "Importance of Travelling"	Students will be able to: *realise that people could work as a team to be successful.
December	02	8.1	Father to Son	*Language based approach	Debate: Is Generation Gap a universal problem?	Students will be able to: *develop analytical and thinking skills. *understand the consequences of lack of communication and cold indifferences in a family.
	03	-	Writing skills: Article writing	* Information based approach/ PPT	Purpose and significance of writing speech and debate	Students will be able to: * write Articles and letters in proper format. .

Periodic Test 3: 06-01-2025 to 11-01-2025						
January	03	Snapshot 8	Tale of Melon City	*Discussion method	Panel Discussion on: How can peace and liberty be maintained in a state?	Students will be able to: *realise that peace and liberty are the two strong factors for a state to flourish.
	04	-	Grammar	* Information based approach/ PPT	Use of projectors to show different model exercises based on the skills	Students will be able to: * use grammar correctly
Revision Classes						
Annual Examination: 17-02-2025 to 28-02-2025						

ANNUAL SYLLABUS PLAN 2024-25

CLASS: XI

TEACHER: Ms Sushmita Rachel Pinto
SUBJECT: Mathematics

Month	No. of Periods	Lesson No.	Title of the Lesson	Teaching Methods	Activities	Learning Outcomes
June	15	01	Sets	Discussion method Problem Solving	To list down the examples for all the different types of sets. Identify the collection as well-defined set or not	The students will be able to: *identify the finite and infinite sets *draw the Venn diagram to represent the sets *perform the operations on sets.
	14	02	Relations and Functions	Activity based Problem Solving	To write down the Cartesian products when three sets are given. To draw the graph for different functions. To know the difference between the relations and functions with the help of arrow diagrams.	The students will be able to: *identify the image and pre-image of the elements in domain and co-domain *find out the domain, co-domain and range under Relations and functions. *identify the ordered pairs as whether they come under the Relation or the Function.
July	22	03	Trigonometric Functions	Demonstration Activity Based Problem solving	To convert the measures from degree to radian and radian to degree.	The students will be able to: *represent the values of trigonometric functions on the graph. *identify the domain, co-domain and range of the trigonometric functions.
Periodic Test 1: 18-07-2024 to 24-07-2024						

August	10	04	Complex Numbers and Quadratic Equations	Discussion method Activity Based Problem Solving	To perform the mathematical operations on complex numbers.	The students will be able to: *understand the need of $\sqrt{-1}$. *solve for the square root of a negative real number.
	10	05	Linear inequalities	Activity based method Problem Solving method	Group work: to represent the linear inequalities in one variable on the number line.	The students will be able to: *find out the algebraic solution of linear inequality in one variable. *represent the linear inequality on the number line.
	10	06	Permutations and Combinations	Discussion method Demonstration Problem solving	List down the examples for permutations and combinations.	The students will be able to: *solve problems by using ${}^{n}P_{r}$ and ${}^{n}C_{r.}$
September	10	07	Binomial Theorem	Discussion method Demonstration Problem solving	Concept Map - Theorem for positive integral indies	The students will be able to: *represent Pascal's triangle using combinations and binomial theorem.
	09	08	Sequences and Series	Problem Solving Discussion Method	Work out to find the AP and GP of the given series.	The students will be able to: *compares the relationship between AM and GM.
Periodic Test 2: 19-09-2024 to 01-10-2024						
October	09	08	Sequences and Series (Continued)	Problem Solving Discussion Method	Work out to find the AP and GP of the given series.	The students will be able to: *compares the relationship between AM and GM. *analyse the relationship between the AM and GM.

	12	09	Straight Lines	Demonstration Discussion Activity based	Draw the graph to represent the slope of a line in different cases.	The students will be able to: *explain the distance of a point from a line from the graph. *calculate the distance between two parallel lines from the graph.
November	15	10	Conic Sections	Demonstration Activity based Problem Solving	Draw the diagrams of parabola, hyperbola, ellipse.	The students will be able to: *derive the standard equations for parabola, hyperbola, ellipse
	08	11	Introduction to two-dimensional geometry	Demonstration Activity based method	Identify the vertices, edges and faces in 2 and 3 dimensional objects.	The students will be able to: *identify coordinate axes and coordinate planes in 3 dimensions.
	05	12	Limits and Derivatives	Discussion Activity based Problem Solving	Concept Map - Definition of function, and using the same work out the numerical problems in limits and derivatives.	The students will be able to: *compares the relationship between the functions and the limits.
December	15	12	Limits and Derivatives (continued)	Discussion Activity based Problem Solving	Concept Map - Definition of function, and using the same work out the numerical problems in limits and derivatives.	The students will be able to: *compares the relationship between the functions and the limits.
	08	13	Statistics	Discussion Method Problem Solving	Calculate the mean and range for the grouped and ungrouped data.	The students will be able to: *calculate the standard deviation for grouped and ungrouped data.
Periodic Test 3: 06-01-2025 to 11-01-2025						
January	12	14	Probability	Discussion Problem solving	List down the real-life examples for random experiments and for events.	The students will be able to: *list down the examples for ‘not’ ‘and’ ‘or’ events. *calculate the Probability of ‘not’ ‘and’ ‘or’ events.
February	**Revision**					
Annual Examination: 17-02-2025 to 28-02-2025						

ANNUAL SYLLABUS PLAN 2024-25

CLASS: XI

TEACHER: Ms. Shruthi S

SUBJECT: Physics

Month	No. of Periods	Lesson No.	Title of the Lesson	Teaching Methods	Activities	Learning Outcomes
June	10	02	Units and Measurement	Power point presentation Problem solving Group discussion	Lab activity Quiz Concept map of dimensions of different physical quantity	The students will be able to: *judge the need of measurement along with basics of fundamental and derived units. *compare the significance and importance of dimensional analysis of any physical quantity.
	06	03	Motion in a straight line	Power point presentation Problem solving Graph plotting	Lab activity One minute paper Reciprocal questioning	The students will be able to: *differentiate between the three kinematic equations. *differentiate different terms related to motion.
July	08	03	Motion in a straight line (continued)	Power point presentation Problem solving	Lab activity Reciprocal questioning	The students will be able to: *differentiate between different terms related to motion.
	06	04	Motion in a plane	Activity Based Problem solving	Group discussion method Finger signals Clarification pauses	The students will be able to: *compare the difference between motion in a straight line and plane.
Periodic Test 1: 18-07-2024 to 24-07-2024						
June	03	04	Motion in a plane	Discussion Method	Group discussion method	The students will be able to:

				Problem solving		*recognize the significance of projectile motion and circular motion.
August	08	04	Motion in a plane (Continued)	Discussion Method Problem solving	Group discussion method	The students will be able to: *recognize the significance of projectile motion and circular motion.
	12	05	Laws of motion	Discussion method Activity Based Problem Solving	Think pair share Debate	The students will be able to: * learn about the three basic fundamental laws of motion. *differentiate between body at rest and motion. *point out the uses and disadvantages of friction.
	04	06	Work, energy and Power	Activity based Discussion method Demonstration method	Muddiest/clearest point	The students will be able to: *distinguish between different types of energy. *learn about collision in 1 and 2 dimensions.
September	10	06	Work, energy and Power (Continued)	Discussion method Demonstration method	Concept Map	The students will be able to: *explain the meaning of energy and Power and its importance.
	06	07	System of particles and rotational motion	Power point presentation Discussion method Activity based	Panel discussion Work at the blackboard One minute paper	The students will be able to: *describe the importance of rotational motion.

Periodic Test 2: 19-09-2024 to 1-10-2024						
October	06	07	System of particles and rotational motion (Continued)	Power point presentation Discussion method Activity based	Group discussion method Debate	The students will be able to: *illustrate the importance of principle of moments and Centre of gravity with examples.
	04	08	Gravitation	Demonstration method Activity based Power point presentation Problem solving	Quiz Clarification pauses	The students will be able to: * relate it to the changes due to gravitation.
November	04	08	Gravitation (Continued)	Power point presentation Problem solving	Debate	The students will be able to: *learn about types of satellites and its characterization.
	05	09	Mechanical properties of solids	Lab activity Activity based Problem Solving	Muddiest point Reading quiz Reciprocal questioning	The students will be able to: * learn about the properties of materials with respect to its strength and weaknesses through graphical representation. *identify the importance of Hooke's law.
	09	10	Mechanical properties of fluids	Lab activity Power point presentation Problem solving	Think pair share Active review sessions	The students will be able to: *explain the terms like pressure, surface tension and viscosity. *differentiate between different types flow of liquid and significance of Reynold's number.

	06	11	Thermal properties of matter	Power point presentation Demonstration method	Concept maps Work at the blackboard	The students will be able to: *describe the concept of thermal conductivity. *illustrate about the difference between melting and boiling point of water.
December	02	11	Thermal properties of matter (Continued)	Activity based Problem solving	Think pair share	The students will be able to: *identify the different modes of movement of particles.
	08	12	Thermodynamics	Discussion method Activity based Problem Solving Lab activity	Quiz One minute paper Pros and cons grid	The students will be able to: *explain about the significance of zeroth, first and second law thermodynamics. *explain the concept of heat engine. *differentiate between different thermal process.
	05	13	Kinetic theory of gases	Discussion method Power point presentation	Muddiest and clearest point Evaluation	The students will be able to: *distinguish different types of mono atomic, di-atomic molecules.
January	06	14	Oscillations	Demonstration method Activity based Problem Solving Lab activity	Quiz Projects Panel discussion	The students will be able to: *illustrate the concept of simple harmonic motion and periodic motion using examples. *analyze the motion of simple pendulum and its oscillations.
Periodic Test 3: 06-01-2025 to 11-01-2025						

	08	15	Waves	Power point presentation Activity based Lab activity Problem solving	Active review sessions Seminars One minute paper	The students will be able to: *identify waves and its propagation. *analyse the concept of Doppler effect and its applications in real life.
February	**Revision Classes**					
Annual Examination: 17-02-2025 to 28-02-2025						

ANNUAL SYLLABUS PLAN 2024-25

CLASS: XI

SUBJECT TEACHER: Ms Lavanya Shetty
SUBJECT: Chemistry

MONTH	No. of periods	Lesson No.	Title of the chapter	Teaching methodology	Activities	Learning outcomes
June	21	1	Some Basic concepts of chemistry	*Lecture cum Discussion method	*Problem solving. *Exit card	The student will be able to *identify the Laws of Chemical Combinations *develop the skill of solving stoichiometric equations.
July	19	2	Structure of Atom	*Analytical method *Problem solving	*Concept map *Models	The student will be able to: *identify the presence of electrons in different energy levels. *understand the various atomic models *differentiate the different quantum numbers.
Periodic Test 1: 18-07-2024 to 24-07-2024						
August	13	3	Classification of Elements and periodicity in properties	*Lecture method *Power point presentation	*One minute paper	The student will be able to: *identify the various elements distributed in s, p, d and f block of periodic table. *differentiate between elements placed in periodic table based on their physical and chemical properties. *develop the sense of appreciating the elements placed in the periodic table.
	13	4	Chemical bonding and molecular structure	*Inductive method	*Case study activity	The student will be able to: *explain the valence bond approach for the formation of covalent bonds *draw Lewis structures of simple molecules

September	9	4	Chemical bonding and molecular structure (Continued)	*Problem solving method * Power Point Presentation	*Concept map *Ball-stick model	The student will be able to: *understand the bonding in atomic and molecular orbitals. *differentiate the types of Hybridisation.
	13	6	Chemical thermodynamics	*Learning by teaching others method	*Exit card	The student will be able to: *define entropy and enthalpy. *Identify the factors responsible for enthalpy and entropy
Periodic Test 2: 19-09-2024 to 01-10-2024						
October	5	6	Chemical thermodynamics (Continued)	*Discussion Method *Experimentation method *Questionairre method	*Investigation project *Brainstorming activity	The student will be able to: *calculate enthalpy changes for different types of reactions *analyze the relationship between ΔG and equilibrium constant
November	11	7	Equilibrium	* Power Point presentation *Discussion method	*Graphical representation on equilibria	The student will be able to: *explain effect of chemical equilibria. *identify the lewis acid and Bronsted-lowry acids and bases. *analyse the applications of equilibrium constants.
	11	8	Redox reactions	*Problem solving method	*Quiz	The student will be able to: *identify the oxidizing and reducing agent. *cites examples related to Redox reactions.

December	16	12	Organic chemistry: some basic principles and Techniques	*Problem solving method *Analytical method	*Quiz *Lab activity – Method to purify organic compound *Writing Nomenclature of organic compounds	The student will be able to: *differentiate the organic compounds based on their structures. *identify the Nomenclature of organic compounds. *differentiate the quantitative and qualitative methods of separation of organic compounds.
Periodic Test 3: 06-01-2025 to 11-01-2025						
January	18	13	Hydrocarbons	*Demonstration method *Laboratory method *Discussion method	*Think pair share *Writing the structure of isomers of alkanes, alkenes ad alkynes	The student will be able to: *distinguish between alkanes, alkynes and alkenes on the basis of their physical and chemical properties *explain the aromaticity and mechanism of the electrophilic substitution reaction. .
February	**Revision**					
Annual Examination: 17-02-2025 to 28-02-2025						

Annual Syllabus Plan 2024-25
CLASS: XI

TEACHERS: Ms. Shamitha Shetty
SUBJECT: Computer Science

Month	No. of Periods	Lesson No	Title of the Lesson	Teaching Methods	Activities	Learning Outcome
June	3	1	Computer System Overview	Discussion + PowerPoint Presentation	Group Discussion	Student is able to * identify the various functional units of a computer and their associated operations and functions.
	10	2	Data Representation	Discussion + PowerPoint Presentation+ Inductive method+Solving problems	Solving worksheets	Student is able to *solve problems based on conversion of numbers from one number system to another. *learn about the different systems used in storing data in the computer.
	5	6	Getting Started With Python	Discussion + Practical	Computer Lab Activities	Student is able to *learn the basics of Python programming and also solve them in the practical sessions.
July	10	7	Python Fundamentals	Discussion + Practical	Computer Lab Activities	Student is able to * understand the meaning and usage of Keywords, Identifiers, Operators, Variables and their syntax.

	12	8	Data Handling	Discussion + Practical	Computer Lab Activities	Student is able to *compare the different ways of handling different types of data in Python programming, like numbers , characters, string type of data. *learn about types of operators and compares their usage in different types of expressions.
	15	9	Flow Of Control	Discussion + Practical	Computer Lab Activities	Student is able to *compare the different types of conditional statements in Python programming. *understand the usage of different looping statements Python programming.
Periodic Test-1: 18-07-2024 to 24-07-24						
August	12	3	Boolean Logic	Power Point Presentation+Blackboard	Solving worksheets	Student is able to * understand the basics of Boolean Algebra *solve the basic theorems of Boolean Algebra. *identify and study the output of the logic gates
	7	4	Introduction to Problem Solving	Blackboard +Discussion+Illustration method	Group Discussion	Student is able to *understand the Problem solving cycle and construct the Algorithm and Flowcharts.

	3	5	Emerging Trends	Discussion + PowerPoint Presentation + Inductive method	Quiz based on Emerging Technologies	Student is able to * identify new technologies like Cloud computing, Artificial Intelligence, Internet Of things and also compare their features and their areas of usage.
September	5	10	String Manipulation	Discussion + Practical	Computer Lab Activities	Student is able to *learn about different types of operations on strings and compares their usage in different types of functions.
	8	11	List Manipulation	Discussion + Practical	Computer Lab Activities	Student is able to *understand about different operations on lists. *learn to write code for creating lists , accessing elements of the lists, joining of lists, inserting elements into list, modifying a list and deleting element from a list.
Periodic Test-2: 19-09-2024 to 01-10-2024						
October	6	14	Understanding Sorting	Discussion + Practical	Computer Lab Activities	Students will be able to *sort a list of values using Python Programming
November	8	12	Tuples	Discussion + Practical	Computer Lab Activities	Students will be able to *create tuples and also modify them using Python Programming
	6	13	Dictionaries	Discussion + Practical	Computer Lab Activities	Students will be able to *create a dictionary and access the values in it and perform simple functions of adding element, deleting

						and modifying elements into the dictionary using Python Programming.
December	2	15	Cyber Safety	Discussion + Illustrative method	Group Discussion	Student is able to *learn about safe browsing techniques and also be aware of cyber threats.
	2	16	Online Access and Computer Security	Discussion + Illustrative method	Group Discussion	Student is able to *learn about the different security measures used to keep the computer safe like antivirus, solution to spam, solution to Virus, adware and spyware.
Periodic Test-3: 06-01-2025 to 11-01-2025						
January	3	17	Society ,Law And Ethics	Discussion + Illustrative method	Group Discussion	Student is able to *understand the ethical issues of Digital property rights, Intellectual property rights, open source, E-wastage disposal, benefits of E-waste recycling. *understand gender issues while teaching or using computers. *explains Disability Issues while teaching and using computers.
February	**REVISION**					
ANNUAL EXAMINATION: 17-02-2025 to 28-02-2025						

ANNUAL SYLLABUS PLAN 2024-25

CLASS: XI

TEACHER: Ms Deepa Karkada

SUBJECT: Biology

Month	No. of Periods	Lesson No.	Title of the Lesson	Teaching Methods	Activities	Learning Outcomes
June	08	01	The Living World	Inductive Method Power Point Presentation	Think Pair Share Collecting few scientific names of organisms	The students will be able to: *analyse the level of Taxonomic Categories. *identify the organisms based on their scientific names.
	14	02	Biological Classification	Discussion Method Laboratory Method Power Point Presentation	Lab activity Debate Article writing	The students will be able to: *classify organisms based on their characteristics features into different Kingdoms. *understand the different modes of nutrition, body organizations and reproduction of the organisms.
July	12	03	Plant Kingdom	Activity Based Method Laboratory Method Discussion Method	Investigatory Project	The students will be able to: *differentiate the different divisions of Kingdom Plantae. *illustrate the life cycle of an angiosperm.
	12	04	Animal Kingdom	Analytical Method Laboratory Method	Concept Map Muddiest and Clearest Point activity	The students will be able to: *identify the different levels of organization. *categorise the organisms into different Phylums. *compare the chordates and non-chordates.

				Discussion Method cum Lecture Method		
Periodic Test 1: 18-07-2024 to 24-07-2024						
August	10	05	Morphology of Flowering Plants	Demonstration Method Laboratory Method Discussion Method cum Lecture Method	Finger Signals Reciprocal Questioning	The students will be able to: *distinguish the different modification of root and stem. *identify the different parts of a flower. *analyze the structure of a Monocot and Dicot seed.
	08	06	Anatomy of Flowering Plants	Experimental Method Laboratory Method Discussion Method	Project Work Case Study	The students will be able to: *distinguish between meristematic and Permanent Tissues. *interpret the location of different permanent tissues. *inter-relate between the anatomy of a monocot and Dicot plant.
	08	07	Structural Organisation in Animals	Activity based Discussion method Demonstration method	Role Play Round Robin	The students will be able to: *understand the functions of different animal tissues. *compare the morphology of a frog.
September	08	08	Cell – The Unit of life	Laboratory Method	Concept Map Quiz	The students will be able to: *analyze the cell theory. *distinguish between prokaryotes and eukaryotes.

				Demonstration method		*identify the location and importance of different parts of a cell.
	08	09	Biomolecules	Power point presentation Lecture method Activity based	One minute paper Reciprocal Questioning	The students will be able to: *analyse the chemical compositions of few compounds. *understand the nature of bond linking monomers in a polymer.
Periodic Test 2: 19-09-2024 to 01-10-2024						
October	04	10	Cell Cycle and Cell Division	Inductive Method Discussion method Demonstration method	Investigation Project Debate	The students will be able to: *illustrate the different phases of cell cycle. *compare the significance of mitosis and meiosis.
November	8	13	Photosynthesis in Higher Plants	Power point presentation Discussion method Analytical Method	Quiz Concept Map	The students will be able to: *identify the different types of pigments involved in photosynthesis. *explain the cyclic and non-cyclic Photo-phosphorylation. *illustrate the Calvin Cycle and its functions.
	6	14	Respiration in Plants	Power point presentation Laboratory Method	Think Pair Share Collaborative learning activity	The students will be able to: *analyse the steps involved in Glycolysis. *differentiate between anaerobic and aerobic respiration.

				Analytical Method		
	08	15	Plant growth and Development	Lecture Method Demonstration Method Laboratory Method	Reading quiz Case Study	The students will be able to: *inter-relate the meaning of Differentiation, Dedifferentiation and Redifferentiation. *understand the plant growth regulators. *analyse the photoperiodism in plants.
	08	17	Breathing and exchange of gases	Laboratory Method Power point presentation Demonstration Method	Active review sessions Think Pair Share	The students will be able to: *describe the role of different organs that are involved in the human respiratory system. *identify the disorders of respiratory system.
December	08	18	Body fluids and Circulation	Experimental Method Lecture and Demonstration Method	One minute paper Pros and cons grid	The students will be able to: *compares the functions of Erythrocytes, Leucocytes and Thrombocytes. *explain the human circulatory system. *identify the disorders of circulatory system.
	08	19	Excretory Products and their Elimination	Discussion method Laboratory Method Demonstration method	Reciprocal Questioning Round Robin Activity	The students will be able to: *identify the significance of various organs involved in human excretory system. *analyse the regulation of kidney function.

	08	20	Locomotion and Movement	Discussion method Power point presentation Lecture Method	Muddiest and clearest point Role Play	The students will be able to: *inter-relate the functioning of different types of muscles with that of movement. *illustrate the parts of the skeletal system and its role. *identify different types of joints.
Periodic Test 3: 06-01-2025 to 11-01-2025						
January	14	21	Neural Control and Coordination	Discussion method Power point presentation Laboratory Method	Quiz Concept Map	The students will be able to: *explain the conduction of Nerve impulse. *analyse the transmission of impulses. *describe the different parts of the Human brain and their significance.
	12	22	Chemical Coordination and Integration	Discussion method Power point presentation Laboratory Method	Debate Quiz	The students will be able to: *classify the different hormones with their endocrine glands. *understand the hormones of Heart, Kidney and Gastrointestinal tract.
February	**Revision Classes**					
Annual Examination: 17-02-2025 to 28-02-2025						