

HALF YEARLY SYLLABUS FOR CLASS- XI (2023-24)

SCIENCE STREAM

S.NO	SUBJECT	HALF - YEARLY SYLLABUS
1	CHEMISTRY	1. Some basic concepts of Chemistry 2. Atomic structure 3. Classification of elements 4. Chemical bonding 5. Redox reaction
2	PHYSICS	Ch-2: Units and Measurements Ch-3 : Motion in a straight line Ch-4 : Motion in a Plane Ch-5 : Laws of Motion Ch-6 : Work, Energy and Power Ch-7 : System of particles and rotational motion Ch-8 : Gravitation
3	MATHEMATICS	Ch-1: Sets Ch-2 : Relations and Functions Ch-3 : Trigonometric Functions Ch-4 : Complex numbers and Quadratic equations Ch-5 : Linear Inequalities Ch-6 : Permutations and Combinations Ch-7 : Binomial theorem Ch-11: Introduction to three Dimensional Geometry
4	BIO	Ch-1: The Living World Ch-2: Biological Classification Ch-3: Plant Kingdom Ch-4: Animal Kingdom Ch-5: Morphology of Flowering Plants Ch-6: Anatomy of Flowering Plants(Half) Ch-7: Structural Organisation in Animals Ch-8: Cell-The Unit of Life Ch-9: Biomolecules Ch-10: Cell Cycle and Cell Division
5	ENGLISH	1. Discovering Tut: The Saga Continues 2. Mother's Day 3. The Laburnum Top (Poem) 4. The Address 5. Advertisements 6. Syllabus of UT 1
6	PHE	CH-1 : Changing Trends and Careers in physical education CH-2: Olympism Value Education CH -3: Yoga CH-4 : Physical Education and Sports for CWSN CH-5 : Physical Fitness, Wellness and Lifestyle
7	COMP.SC	Ch-1: Computer system organisation Ch-2: Data representation and Boolean logic Ch-3: Computational thinking Ch-4: Python programming fundamentals Ch- 5: Conditional and looping constructs Ch- 6: Strings in python