

CLASS –XI (SCIENCE)
HALF YEARLY SYLLABUS
YEAR – 2020-21

<u>SUBJECT</u>	<u>SYLLABUS</u>
1. <u>ENGLISH</u>	HORNBILL L-1: The Portrait Of A Lady L-2: We're Not Afraid To Die...If We Can All B Together L-3: Discovering Tut: The Saga Continues L-4: Landscape Of The Soul Poem- A Photograph Poem- The Laburnum Top SNAPSHOTS L-1: The Summer Of The Beautiful White Horse L-2: The Address L-3: Ranga's Marriage
2. <u>MATHEMATICS</u>	HALF YEARLY SYLLABUS MATHEMATICS CLASS XI UNIT I : SETS AND FUNCTIONS 1. Sets 2. Relations and Functions 3. Trigonometric Functions UNIT II : ALGEBRA 1. Complex numbers and quadratic equations 2. Linear inequalities 3. Permutations and combinations 4. Sequence and series INTERNAL ASSESSMENT 1. Pen and paper Test and Multiple Assessment 2. Portfolio 3. Lab Activities (related from above chapters)
3. <u>PHYSICS</u>	1. Physical world 2. System of units 3. Dimensional analysis 4. Vector analysis 5. Error analysis 6. Mathematical tools 7. Motion under 1D, 2D and 3D 8. Newton's law and friction 9. Circular motion 10. Work, Power and Energy 11. Centre of mass and rotational motion
4. <u>CHEMISTRY</u>	Ch-1 Some Basic Concepts Of Chemistry Ch-2 Structure Of An Atom Ch-3 Periodicity In Properties Ch-4 Chemical Bonding And Molecular Structure Ch-5 States Of Matter Ch-6 Chemical Thermodynamics

	Ch-7 Chemical Equilibrium		
5. <u>BIOLOGY</u>	Chapter 1- The Living World Chapter 2- Biological Classification Chapter 3- Plant Kingdom Chapter 4- Animal Kingdom Chapter 5- Morphology Of Flowering Plants Chapter 7- Structural Organization In Animals Chapter 8- Cell: The Unit Of Life Chapter 9- Biomolecules		
6. <u>PHYSICAL EDUCATION</u>	Ch.1 Changing Trends & Career In Physical Education Ch.2 Olympic Value Education Ch.3 Physical Fitness, Wellness & Lifestyle Ch.4 Physical Education & Sports For CWSN Ch.5 YOGA Internal Assessment: - Specialization: - One Major Game.		
7. <u>COMPUTER SCIENCE</u>	Unit 1	Topic Covered	Marks %
	Computer System And Organization	<ul style="list-style-type: none"> • Types Of Software • Boolean Algebra Or Sql 	20 %
	Unit 2		
	Computational Thinking And Programming	<ul style="list-style-type: none"> • Feature Of Python ,Identifier, Keyword, Ipo Cycle • Types Of Operator • Control Flow Statement • Basic Of List Tuple And Dictionary 	70 %
	Unit 3		
	Society ,Law And Ethic	<ul style="list-style-type: none"> • Including All Notes And Assignment Given Related To The Topic 	10%