



**THE BIPF SCHOOL  
BANIPADA, CHOUDWAR  
SYLLABUS-2025—2026**

**CLASS:- XI**

<b>SUBJECT</b>	<b>Quarter 1 (18<sup>th</sup> June–17<sup>th</sup> July)</b>	<b>Quarter 2 (29<sup>th</sup> July– 14<sup>th</sup> September)</b>	<b>Quarter 3 (9<sup>th</sup> October–15<sup>th</sup> December)</b>	<b>Quarter 4 (2<sup>nd</sup> January–26<sup>th</sup> February )</b>
<b>ENGLISH CORE (301)</b>	<b>Literature: (Hornbill)</b> The Portrait of a Lady (Prose) A Photograph (Poem) “We’re Not Afraid to Die... if We Can Be Together <b>(Snapshots)</b> The Summer of the Beautiful White Horse (Prose) <b>Grammar:</b> (Tenses, Clauses) <b>Writing Skills:</b> Classified Advertisements Poster making	<b>Literature: (Hornbill)</b> Discovering Tut: The Saga Continues The Laburnum Top (Poem) The Voice of the Rain (Poem) <b>(Snapshots)</b> The Address (Prose) Mother’s Day (Play) <b>Grammar:</b> reordering/transformation of sentences <b>Writing Skills:</b> Note Making & summarizing	<b>Literature: (Hornbill)</b> Childhood (Poem) The Adventure <b>(Snapshots)</b> Birth (Prose) <b>Grammar:</b> (Tenses, Clauses) <b>Writing Skills:</b> Speech Writing	<b>Literature: (Hornbill)</b> Silk Road (Prose) Father to Son <b>(Snapshots)</b> The Tale of Melon City <b>Grammar:</b> reordering/transformation of sentences <b>Writing Skills:</b> Debate writing

	INTERNAL ASSESSMENT: Assessment of Listening Skills, Assessment of Speaking Skills, & Project Work			
BIOLOGY (044)	<b>CHAPTER-1 THE LIVING WORLD</b> <b>CHAPTER-2 BIOLOGICAL CLASSIFICATION</b> <b>CHAPTER-3 PLANT KINGDOM</b> <b>CHAPTER-4 ANIMAL KINGDOM</b>	<b>CHAPTER-5 MORPHOLOGY OF FLOWERING PLANTS</b> <b>CHAPTER-6 ANATOMY OF FLOWERING PLANTS</b> <b>CHAPTER-7 STRUCTURAL ORGANISATION IN ANIMALS</b> <b>CHAPTER-8 CELL: THE UNIT OF LIFE</b>	<b>CHAPTER-9 BIOMOLECULES</b> <b>CHAPTER-10 CELL CYCLE AND CELL DIVISION</b> <b>CHAPTER-11 PHOTOSYNTHESIS IN HIGHER PLANTS</b> <b>CHAPTER-12 RESPIRATION IN HIGHER PLANTS</b> <b>CHAPTER-13 PLANT GROWTH AND DEVELOPMENT</b>	<b>CHAPTER-14 BREATHING AND EXCHANGE OF GASES</b> <b>CHAPTER-15 BODY FLUID AND CIRCULATION</b> <b>CHAPTER-16 EXCRETORY PRODUCTS AND THEIR ELIMINATION</b> <b>CHAPTER-17 LOCOMOTION AND MOVEMENT</b> <b>CHAPTER-18 NEURAL CONTROL AND COORDINATION</b> <b>CHAPTER-19 CHEMICAL COORDINATION AND INTEGRATION</b>
CHEMISTRY (043)	<b>1. Some basic concepts of chemistry</b> <b>2. Structure of atom</b>	<b>3. Classification of elements and periodicity in properties</b> <b>4. Chemical bonding and molecular structure</b> <b>5. Thermodynamics</b>	<b>6. Equilibrium</b> <b>7. Redox reactions</b>	<b>8. organic chemistry – Some basic principles and techniques</b> <b>9. Hydrocarbons</b>
MATH (S) (041)	<b>Unit-I: Sets and Functions</b> <b>1. Sets</b> <b>2. Relations &amp; Functions</b> <b>3. Trigonometric Functions</b>	<b>Unit-II: Algebra</b> <b>1. Complex Numbers and Quadratic Equations</b> <b>2. Linear Inequalities</b> <b>3. Permutations and Combinations</b> <b>4. Binomial Theorem</b> <b>5. Sequence and Series</b>	<b>Unit-III: Coordinate Geometry</b> <b>1. Straight Lines</b> <b>2. Conic Sections</b> <b>3. Introduction to Three dimensional Geometry</b>	<b>Unit-IV: Calculus</b> <b>1. Limits and Derivatives</b> <b>Unit-V</b> <b>Statistics and Probability</b> <b>1. Statistics</b> <b>2. Probability</b>

PHYSICS (042)	<b>1.Units and measurements</b> <b>2.Motion in a straight line</b> <b>3.Motion in a plane</b>	<b>4.Laws of motion</b> <b>5. Work power and Energy</b> <b>6.Motion of system of particles and rigid body</b>	<b>7.Gravitation</b> <b>8.Mechanical properties of Solids</b> <b>9.Mechanical properties of Fluids.</b> <b>10.Thermal properties of Matter.</b> <b>11.Thermodynamics</b>	<b>12.Kinetic theory</b> <b>13.Oscillations</b> <b>14.Waves.</b>  <b>REVISION</b>
IT (802)	<p><b>Part – A:</b> <b><u>Employability Skills</u></b> Unit 1 : Communication Skills-III Unit 3 : ICT Skills-III</p> <p><b>Part – B:</b> <b><u>Subject Specific Skills</u></b> Unit -2 : Networking And Internet Unit-5: Fundamentals of Java</p> <p><b>Part – C:</b> <b><u>Practical Work</u></b> Practical work done in the class (JAVA Programming)</p>	<p><b>Part – A:</b> <b><u>Employability Skills</u></b> Unit 2 : Self-Management Skills-III</p> <p><b>Part – B:</b> <b><u>Subject Specific Skills</u></b> Unit -1: Computer Organization</p> <p><b>Part – C:</b> <b><u>Practical Work</u></b> Practical work done in the class (Office Automation Tools)</p>	<p><b>Part – A:</b> <b><u>Employability Skills</u></b> Unit 4 : Entrepreneurial Skills-III</p> <p><b>Part – B:</b> <b><u>Subject Specific Skills</u></b> Unit-3 : Office Automation Tools</p> <p><b>Part – C:</b> <b><u>Practical Work</u></b> Practical work done in the class (MYSQL Commands), (JAVA Programming)</p>	<p><b>Part – A:</b> <b><u>Employability Skills</u></b> Unit 5 : Green Skills-III</p> <p><b>Part – B:</b> <b><u>Subject Specific Skills</u></b> Unit-4: RDBMS</p> <p><b>Part – C:</b> <b><u>Practical Work</u></b> Practical work done in the class (MYSQL Commands), (JAVA Programming)</p>
<b>PART – D: The practical file will be maintained throughout the session, and viva questions w.r.t the practical works will be prepared separately. (Java Programming will be done as suggested in the CBSE curriculum)</b>				
PHYSICAL EDUCATION (048)	<ul style="list-style-type: none"> <li>• <b>UNIT - 1</b> Changing Trends &amp; Career in Physical Education</li> <li>• <b>UNIT - 2</b> Olympic Value Education</li> </ul>	<ul style="list-style-type: none"> <li>• <b>UNIT - 3</b> Yoga</li> <li>• <b>UNIT - 4</b> Physical Education &amp; Sports for CWSN</li> <li>• <b>UNIT - 5</b> Physical Fitness, Wellness</li> </ul>	<ul style="list-style-type: none"> <li>• <b>UNIT - 6</b> Test, Measurements &amp; Evaluation</li> <li>• <b>UNIT - 7</b> Fundamentals of Anatomy and Physiology in Sports</li> </ul>	<ul style="list-style-type: none"> <li>• <b>UNIT - 8</b> Fundamentals of Kinesiology and Biomechanics in Sports</li> <li>• <b>UNIT - 9</b> Psychology and Sports</li> <li>• <b>UNIT - 10</b> Training &amp; Doping in Sports</li> </ul>





