

COMMERCE-XI

MONTHLY SYLLABUS FOR CLASS-XI (COMMERCE)

Month	English	Business Studies	Accountancy	Economics	Artificial Intelligence	Physical Education	Psychology
JUNE	Introduction : Integrated Grammar PORTION : Short Writing Tasks: Classifieds CT: Classifieds PORTION: Book-Hornbill: Ls 1 The Portrait of a Lady (Prose) CT: Ls1 ALL: (Creative drama) (Individual Activity)- Short story writing PORTION : Pm 1A Photograph (Poem) ,CT: Pm1 ALL: Visual Arts-Collage work PORTION: Hornbill: Ls 2 "We're Not Afraid to Die... if We Can All Be Together" (Prose) CT: Ls.2 ALL:(Visual Arts)- Individual Act- Model making/ PPT PORTION : Hornbill: Ls 3 Discovering Tut: the Saga Continues,CT: Ls 3 ALL:(Art activity) - Group Activity- Design a travel brochure/ PPT	Chapter-1 Nature and purpose of business Activity: 1 Business Tree Chart CT-1 (CH-1) Chapter-2 Forms of business organizations Activity:2 Match the Business Form CT-2 (CH-2)	Ch-1 Introduction to Accounting ALL: CH-1 VISUAL ARTS: Prepare a Chart showing Accounting Process With colour pencils and crayons. (IND) CLASS TEST CH-2 VISUAL ARTS: Prepare a Flow Chart of Concepts and Conventions and Also explain them colourfully (INDIVIDUAL) CLASS TEST	<b>Micro economics</b> Unit-4: Introduction CT-1 <b>Statistics for Economics</b> Unit-1: Introduction CT-2 Activity-1 Doing a survey on collection of data using questionnaire related to Education system in India	Introduction to AI ICT Skills III -III Entrepreneurial Skills – III <b>Activity:</b> AI Timeline wall (Chart on important events Famous AI systems)	Unit-1 Changing Trends and Career in Physical Education. Class Test	<b>Chap1:What Is Psychology?</b> <b>ALL: Creative Thinking</b> : Individual activity <b>Visual Arts</b> - Make a collage on different psychologists. CT:Ch1
JULY	PORTION: Grammar: Determiners & Tenses CT: Integrated Grammar PORTION: Long Writing Tasks - Speech writing CT: Speech writing PORTION: Book-Snapshots: Ls.1 The Summer of the Beautiful White Horse(Prose) CT: Ls. 1 ALL: (Creative drama) Individual Activity( ANY ONE)-Mime Act/Short script writing PORTION :Book-Snapshots: Ls. 2 The Address (Prose) CT: The Address ALL: (Visual arts) ( Group/Individual) Poster making Grammar- Transformation of sentences ALS Project Introduction	Chapter-3 Public private & Global enterprise Activity :3 Make a Table (private public & global companies) CT-3 (CH-3) Chapter-4 Business Services Activity :4 Protect Your Future (poster making) CT-4(CH-4) Chapter-5 Emerging moods of business. Activity-5 Topic:E-business /Traditional CT-5(CH-5)	Ch-3 Origin of Transactions. Ch-4 Accounting Equation Ch-5 Books of Original Entry - Journal and Ledger ALL: CH-3 VISUAL ARTS: Prepare a scrap book of various vouchers, bills and pay-slips. (Draw/pictures) (IND.) CT CH-4 VISUAL ARTS: Prepare a Chart Showing the Formats of Journal and Various Ledger Accounts and also paste the pictures. (IND.) CT	<b>Statistics for Economics</b> Unit-2: Collection, Organization and Presentation of data. CT-3 Unit-3: Statistical Tools and Interpretation Mean CT-4 Activity-2 Collection of data of the present economy of different states and analysis. <b>Economics</b> Unit 3: Statistical Tools and Interpretation Mean, Median, Mode CT-5	Unlocking your future in AI Communication skills III <b>Activity:</b> Become an AI Professional Each student picks a role: • Data Scientist / AI Engineer / NLP Expert □ They present: • Skills needed • Salary (approx) Daily tasks	Unit-2 Olympism. Class Test Unit-3 Physical fitness, Health & Wellness Class Test	<b>Ch.: 2 – Methods of Enquiry in Psychology</b> <b>ALL: Creative Thinking</b> write about any method of enquiry taking a problem. <b>Poster Making:</b> Take a topic and write its dependent and independent variable. CT:Ch-2
AUGU ST	PORTION : Long writing skills- Debate Writing CT: Debate Writing Short Writing Tasks : Posters, CT: Posters PORTION : Snapshots: Ls 3 Mother's Day (play) CT: Ls.3 ALL: ANY ONE Individual Activity-(Visual arts) Design cards to present to your mother on Mother's Day <b>OR</b> Group Activity-Performing Arts- Song Composition PORTION: Book-Hornbill	Chapter-6 Social Responsibility of Business & Business ethics Activity -6 Topics: Case study on Companies who have social responsibility Business Ethics - Pictorial Presentation CT-6(CH-6)	Ch-6 Special Books-1 (Cash Book) Ch-7 Special Books-2 (Subsidiary Books) Ch-8 Bank Rec. Statement Activity -6,7 & 8 ALL: CH-6 Prepare Diff. types of Cash Books (IND.) CT - CH-7 VISUAL ARTS: Prepare a chart showing different types of subsidiary books. And also draw their formats. (IND) CLASS TEST CH-8 VISUAL ARTS: Draw a tabular form of the various causes of differences of Balance of Cash Book and Pass Book. (IND.) CT - UNIT TEST-1	<b>Micro Economics</b> Unit-5 Consumer's Equilibrium and Demand CT-6 Activity-3 Know and identify the latest most demanded product in the market <b>REVISION</b>	Python Programming, Mini Project – Smart Calculator Menu-based calculator using conditions & loops CT-5	Unit-4 Physical education & sports for CWSN. Class Test Unit-5 Yoga. Class Test	<b>Ch. 4.: Human Development</b> <b>ALL: Creative Thinking</b> Individual Activity. <b>Role Play</b> Individual Activity. CT:Ch-4
SEPT	Pm 2 The Laburnum Top (Poem) CT: Pm 2 ALL: (Visual arts) Collection of photographs ALS Project Review <b>HALF YEARLY EXAMINATION REVISION</b>	Chapter -8 Small business Activity-8 Startup company CT-8(CH-8) <b>REVISION</b>	<b>REVISION</b>	<b>Micro Economics</b> Unit-5 Consumer's Equilibrium and Demand CT-6 Activity-3 Know and identify the latest most demanded product in the market <b>REVISION</b>	AI Ethics and values Project Work Revision for Half Yearly	<b>REVISION</b>	<b>REVISION</b>

OCT.	<p>PORTION ; Book- Hornbill; Pm 3 The Voice of the Rain (Poem) ,CT: Pm 3</p> <p>ALL: (Visual arts) Group Activity— Chart Making</p> <p>PORTION ; Hornbill - Ls 4 The Adventure</p> <p>ALL: (Creative drama)- Make an infographic on the lesson .C.T- Hornbill Ls-4</p> <p>ALS Project Review</p>	<p>Chapter-7 Sources of business finance Activity-7 Pictorial Presentation : Financial Instruments CT-7(CH-7)</p>	<p>Ch-9 Trial Balance Ch-10 Depreciation Ch-11 Provisions and Reserves</p> <p>ALL: CH-9 VISUAL ARTS: Prepare a Chart of the format of Trial Balance.(INDIVIDUAL) CLASS TEST CH-10 &amp;11</p> <p>VISUAL ARTS:.. Paste the pictures of various tangible and intangible assets on which depreciation is calculated. (IND.) CT UNIT TEST-II</p> <p>Ch-12 Rectification of Errors</p> <p>ALL: CH-12</p> <p>VISUAL ARTS: Prepare a Flow Chart of the various types of errors (INDIVIDUAL) CLASS TEST</p>	<p><b>Micro economics</b></p> <p>Unit-5 Elasticity of Demand CT-7</p> <p><b>Statistics for Economics</b></p> <p>Unit-3 Correlation CT-8</p> <p>Activity-4 Identify the correlation between two variables</p>	<p>Introduction to Capstone Project</p> <p>Activity: Empathy Map Role Play</p> <p>One student acts as user (farmer, student, patient)</p> <p>Others create:</p> <ul style="list-style-type: none"> <li>• Think / Feel / Say / Do map</li> </ul> <p>Project Work</p>	<p>Unit-6: Test, Measurement &amp; Evaluation. SAI Khelo India fitness test/Motor fitness test. Class Test</p>	<p><b>Ch. 5 : Sensory, Attentional and Perceptual Processes</b></p> <p><b>ALL</b></p> <p><b>Role Play:</b> Group activity CT:Ch-5</p>
NOV.	<p>PORTION: Book-Snapshots: Ls. 4 Birth ( Prose) CT ; Ls 4</p> <p>ALL: (Visual arts)_ Individual Activity –PPT OR Poster Making</p> <p>Grammar- Integrated grammar</p> <p>PORTION: Pm 4 ,Childhood (Poem):CT : Pm 4</p> <p>ALL: (Creative drama) Individual Activity--Write a short poem on your experience of growing up</p> <p>ALS Project review</p>	<p>Chapter-9 Internal Trade Activity-9 Departmental stores / Chain Stores CT-9(CH-9)</p>	<p>Ch-13 Financial Statements I (without adjustments) CH-14 VISUAL ARTS: Prepare the formats of Trading Account, Profits and Loss Account and Balance Sheet on a chart. (INDIVIDUAL) CLASS TEST</p> <p>Ch-15 Financial Statements II (with adjustments) ALL: CH-15</p> <p>VISUAL ARTS: Prepare the formats of Trading Account, Profits and Loss Account and Balance Sheet on a chart. (INDIVIDUAL) CLASS TEST</p>	<p><b>Statistics for Economics</b></p> <p>Unit-3 Index Numbers Activity-5</p> <p>CT-9 Presentation on different types of index numbers</p> <p><b>Micro Economics</b></p> <p>Unit- 6 Producer Behavior and supply CT-10</p> <p>Activity-6 Explain about the producers behaviour on the market</p>	<p>Machine learning algorithms</p> <p><b>Activity:</b> Human ML Model" KNN Game Project Work</p>	<p>Unit-7 Fundamentals of anatomy and physiology in Sports Class Test</p> <p>Unit-8 Fundamentals of Kinesiology &amp; Biomechanics in sports. Class Test</p>	<p><b>Ch 6 : Learning</b></p> <p><b>ALL</b></p> <p>Group Activity</p> <p><b>Creative Craft:</b> Individual activity CT: Ch-6</p> <p><b>Ch. 7 : Human Memory</b></p> <p><b>ALL</b></p> <p><b>Immediate memory</b> Group Activity</p> <p><b>LTM</b> Individual activity CT:Ch-7</p>
DEC.	<p>PORTION :Book-Hornbill Ls 5 Silk Road (Prose) CT: Ls 5</p> <p>ALL: (Creative drama) Individual Activity- Chart Making OR Visual Arts: Travel brochure</p> <p>PORTION: Hornbill Pm- 5 Father to Son: C.T Pm- 5</p> <p>ALL: (Visual arts)- Father's Day Card</p> <p>PORTION: Snapshots- Ls -1The Tale of Melon City, C.T- Ls-1</p> <p>ALL: Collect a few humorous poems written by Indian poets</p> <p>ALS Project Presentation</p>	<p>Chapter-10 International Business Activity- 10 Visiting a industry or supermarket Making a PPT Presentation CT-10(CH-10)</p>	<p><b>REVISION</b></p>	<p><b>Micro Economics</b></p> <p>Unit-7 Forms of market and price determination under perfect with simple Applications CT-11</p> <p>Activity-7 Price ceiling method</p>	<p>Leveraging linguistics and computer science Sentiment Sorting Game</p>	<p>Unit-9 Psychology and sports. Class Test</p> <p>Unit-10 Training and Doping in Sports Class Test</p>	<p><b>Ch. 8 : Thinking</b></p> <p><b>ALL: Creative Craft</b></p> <p><b>Visual Art:</b> Make a chart / Poster - CT:Ch-8</p> <p><b>Ch 9 : Motivation and Emotion</b></p> <p><b>ALL Visual Art :</b> Logical Thinking: CT:Ch-9</p>
JAN.	<p><b>REVISION</b></p>	<p><b>REVISION</b></p>	<p><b>REVISION</b></p>	<p><b>REVISION</b></p>	<p><b>REVISION</b></p>	<p><b>REVISION</b></p>	<p><b>REVISION</b></p>
FEB	<p><b>REVISION</b></p>	<p><b>REVISION</b></p>	<p><b>REVISION</b></p>	<p><b>REVISION</b></p>	<p><b>REVISION</b></p>	<p><b>REVISION</b></p>	<p><b>REVISION</b></p>

SCIENCE - XI

MONTHLY SYLLABUS FOR CLASS-XI (SCIENCE)

Month	English	Chemistry	Physics	Biology	Mathematics	AI	Phy Edn	Psychology
JUN E	Introduction : Integrated Grammar PORTION : Short Writing Tasks: Classifieds CT: Classifieds PORTION: Book-Homblit: Ls 1 The Portrait of a Lady (Prose) CT: Ls1 AIL:(Creative drama) (Individual Activity)– Short story writing PORTION : Pm 1A Photograph (Poem) .CT: Pm1 AIL:Visual Arts-Collage work PORTION: Homblit: Ls 2 "We're Not Afraid to Die... if We Can All Be Together (Prose) CT: Ls.2 AIL:(Visual Arts)- Ind. Activity-Model making/ PPT Continues.CT: Ls 3 AIL:(Art activity) - Group Activity- Design a travel brochure/ PPT	UNIT-1 Some Basic Concepts of Chemistry AIL: Digital Art: (INDIVIDUAL) Infographic Making of any of topic of your choice CT: Unit-1 UNIT-2 Structure of Atom	Ch: 2. Units and measurements. AIL: Visual art -2D (INDIVIDUAL) Make a Flip chart on Units and measurements. CT : Ch. 2 Ch: 3. Motion in a straight line. CT: Ch. 3	Ch: 1 The Living World. CT: Ch-1 Ch: 2 Biological Classification. CT: Ch-2 AIL: Visual art (INDIVIDUAL) 2D Prepare a block print painting and prepare a scenery of nature.	Ch: 1.Sets AIL:(Individual) Representing Venn Diagrams for 2 or 3 sets with paint (creative use of colours). CT: Ch:1 Ch: 11.Introduction to 3D Geometry AIL:(Group): Making a working model of 3D geometry 8 octants. CT: Ch:11 Ch: 13.Statistics AIL : (Individual) : Making a song on all concepts with formulae. CT: Ch:13	Introduction to AI ICT. Skills III Self, Management Skills -III Entrepreneurial Skills - III Activity: AI Timeline wall (Chart on Important events Famous AI systems)	Unit-1 Changing Trends and Career in Physical Education. Class Test	Chap1:What is Psychology? AIL: Creative Thinking : Individual activity Visual Arts : Make a collage on different psychologists. CT:Ch1
JULY	PORTION: Grammar: Determiners & Tenses CT: Integrated Grammar PORTION: Long Writing Tasks - Speech writing CT: Speech writing PORTION :Book-Snapshots: Ls 1 The Summer of the Beautiful White Horse(Prose) CT: Ls. 1 AIL: (Creative drama) Individual Activity (ANY ONE)- Mime Act/Short script writing PORTION :Book-Snapshots: Ls. 2 The Address (Prose) CT: The Address AIL: (Visual arts) ( Group/Individual) Poster making Grammar- Transformation of sentences ALS Project Introduction	UNIT-2 Structure of Atom AIL- Visual Art- 3D- Art: (INDIVIDUAL) Prepare paper plate atom CT: Unit-2 UNIT-3 Classification of Elements and Periodicity in Properties AIL- Digital Art- (INDIVIDUAL) Print making of periodic table CT: Unit-3	Ch4: Motion in a plane. CT: Ch. 4 Ch 5 : Laws of motions. AIL: Visual art -2D (INDIVIDUAL) Paint your imagination to describe laws of motion CT: Ch. 5 Ch 6: Work , Energy and power. AIL: Visual art-2D (INDIVIDUAL) Beautifying the room or a space or a building with own creativity and relating it with the concept of work energy and power. CT: Ch. 6	Ch: 3 Plant Kingdom. CT: Ch-3 Ch: 4 Animal Kingdom. CT: Ch-4 Ch: 5 Morphology in Flowering plants. CT: Ch-5 AIL: Visual art (INDIVIDUAL) 3D Prepare an herbarium of at least 5 flowers and write their scientific names. Ch: 6 Anatomy of Flowering plants. CT: Ch-6 Ch: 7 Structural Organisation in Animals. CT: Ch-7 AIL: Visual art (INDIVIDUAL) 3D Make a model of each part of a flower with clay and stick it on cardboard.	Ch: 2.Relations and Functions. AIL:(Individual) Showing the difference between relation and function using clay. CT: Ch:2 Ch: 4.Complex No. & Quadratic Equations. AIL: (Group): Placard showing Algebra of complex numbers (addition and multiplication) using calligraphic strokes. CT: Ch:4 Ch: 8. Sequence and Series AIL: (Individual) Working model to show that the given numbers are in G.P. CT: Ch:8	Unlocking ,your future in AI Communication skills III Activity: Become an AI Professional Each student picks a role: • Data Scientist / AI Engineer / NLP Expert □ They present: • Skills needed • Salary (approx) Daily tasks	Unit-2 Olympism. Class Test Unit-3 Physical fitness, Health & Wellness Class Test	Ch: 2 – Methods of Enquiry in Psychology AIL: Creative Thinking write about any method of enquiry taking a problem. Poster Making: Take a topic and write its dependent and independent variable. CT:Ch-2
AUGU ST	PORTION :Long writing skills- Debate Writing CT: Debate Writing Short Writing Tasks : Posters, CT: Posters PORTION : Snapshots: Ls 3 Mother's Day (play) CT: Ls.3 AIL: ANY ONE Individual Activity–(Visual arts) Design cards to present to your mother on Mother's Day OR Group Activity–Performing Arts- Song Composition PORTION: Book-Homblit	UNIT-4 Chemical Bonding and Molecular Structure AIL- Visual Art- 3-D-Art (INDIVIDUAL) Model making (clay) of different molecules depicting VSEPR theory CT: Unit-4	Ch 7: System of particles CT: Ch-7 AIL: Performing art: (GROUP) Make a flip chart on all the formulae from this chapter. Ch 8 : Gravitation CT: Ch.8	Ch: 6 Linear Inequalities (cont) AIL: Solve the system of inequalities graphically and shade the enclosed region ,(use oil colours, thread, twigs and crayons). CT: Ch:5 Ch: 6.Permutations and Combination AIL:(Individual) Explain Fundamental Principle of Counting /difference between per. and com.using the 7 elements of ART.CT: Ch:6	Pyhton Programming. Activity: Mim Project – Smart Calculator Menu-based calculator using conditions & loops	Unit-4 Physical education & sports for CWSN. Class Test Unit-5 Yoga. Class Test	Ch. 4 : Human Development AIL Creative Thinking Individual Activity. Role Play Individual Activity. CT:Ch-4	
SEPT	Pm 2 The Laburnum Top (Poem) CT: Pm 2 AIL: (Visual arts) Collection of photographs ALS Project Review HALF YEARLY EXAMINATION REVISION	Ch 12: Organic Chemistry: Some basic principles and techniques. REVISION	Ch : 9.Mechanical properties of solids.(Intro) REVISION	AI Ethics and values Project Work Revision for Half Yearly	REVISION	REVISION		

OCT.	<p><b>PORTION :</b> Book- Hornbill: Pm 3 The Voice of the Rain (Poem). CT: Pm 3</p> <p>ALL: (Visual arts) Group Activity— Chart Making</p> <p><b>PORTION :</b> Hornbill - Ls 4 The Adventure</p> <p>ALL: (Creative drama)- Make an infographic on the lesson. C.T- Hornbill Ls-4</p> <p>ALS Project Review</p>	<p>Ch 12: Organic Chemistry: Some basic principles and techniques</p> <p>ALL- Visual art- (INDIVIDUAL) Chromatographic art for decoration at home</p> <p>CT: Unit- 12</p>	<p>Ch-9: Mechanical properties of solids. (cont)</p> <p>CT: Ch-9</p> <p>Ch 10: Mechanical properties of fluids.</p> <p>CT: Ch-10</p>	<p>Ch-9: Biomolecules.</p> <p>CT: Ch-9</p> <p>Ch: 10 Cell Cycle and Cell Division.</p> <p>CT: Ch-10</p> <p>Ch-11</p> <p>Photosynthesis in Higher Plants.</p> <p>CT: Ch-11</p> <p>ALL: Visual art (INDIVIDUAL) 2D</p> <p>Prepare a cell cycle wheel.</p>	<p><b>Ch: 9 Straight Lines</b></p> <p>ALL: (Individual) Powerpoint presentation showing how to find out equations of lines in different forms. CT: Ch-9</p> <p><b>TERM 1: PROJECT:</b> Collect the data of PT 1 marks from class X students and divide them into two groups and find out which group is more variable.</p>	<p>Introduction to Capstone Project Activity: Empathy Map Role Play</p> <p>One student acts as user (farmer, student, patient)</p> <p>Others create:</p> <ul style="list-style-type: none"> <li>Think / Feel / Say / Do map</li> </ul> <p>Project Work</p>	<p>Unit-6: Test, Measurement &amp; Evaluation.</p> <p>SAI Khelo India fitness test/Motor fitness test</p> <p>Class Test</p>	<p><b>Ch. 5 : Sensory Attentional and Perceptual Processes</b></p> <p><b>ALL Role Play:</b> Group activity</p> <p>CT:Ch-5</p>
NOV.	<p><b>PORTION:</b> Book-Snapshots: Ls. 4 Birth ( Prose) CT : Ls 4</p> <p>ALL: (Visual arts) Individual Activity –PPT OR Poster Making</p> <p>Grammar- Integrated grammar</p> <p><b>PORTION:</b> Pm 4 .Childhood (Poem);CT : Pm 4</p> <p>ALL: (Creative drama) Individual Activity–Write a short poem on your experience of growing up</p> <p>ALS Project review</p>	<p>UNIT-13</p> <p>Hydrocarbons</p> <p>ALL- Visual Art- (INDIVIDUAL) Use a photo collage to convey the idea on Environmental pollution using hydrocarbons.</p> <p>CT: Unit-13</p> <p>Unit-8 Redox Reaction</p> <p>ALL- Digital Art- (INDIVIDUAL)</p> <p>With your daily life experience collage Photographs with virtual app. CT: Unit-8</p>	<p>Ch: 11. Thermal properties of matter.</p> <p>CT: Ch: 11</p> <p>Ch: 12. Thermodynamics and Development.</p> <p>ALL: Performing art Model to show Thermal equilibrium and zeroth law of thermodynamics, CT : Ch: 12</p>	<p>Ch: 12 Respiration in Plants.</p> <p>CT: Ch-12</p> <p>Ch: 13 Plant Growth and Development.</p> <p>CT: Ch-13</p> <p>Ch: 14 Breathing and Exchange of Gases.</p> <p>CT: Ch-14</p> <p>ALL: Performing art (INDIVIDUAL)</p> <p>Perform any 5 breathing exercises and prepare a fact file on its benefits.</p>	<p><b>CH: 10. Conic Section</b></p> <p>ALL: (Individual) Visualise conic section with wood cuts or clay.</p> <p>CT: Ch:10</p> <p><b>Ch: 14. Probability.</b></p> <p>ALL: (Individual) Create a game on probability. Or Working model of a probability of an event.</p> <p>CT: Ch:14</p>	<p>Machine learning algorithms</p> <p><b>Activity:</b> Human ML Model" KNN Game</p> <p>Project Work</p>	<p>Unit-7</p> <p>Fundamentals of anatomy and physiology in Sports</p> <p>Class Test</p> <p>Unit-8</p> <p>Fundamentals of Kinesiology &amp; Biomechanics in sports.</p> <p>Class Test</p>	<p><b>Ch 6 : Learning</b></p> <p>ALL Group Activity</p> <p><b>Creative Craft:</b> Individual activity</p> <p>CT: Ch-6</p> <p><b>Ch. 7 : Human Memory</b></p> <p>ALL Immediate memory</p> <p>Group Activity</p> <p>LTM Individual activity</p> <p>CT:Ch-7</p>
DEC.	<p><b>PORTION:</b> Book-Hornbill Ls 5 Silk Road (Prose)</p> <p>CT: Ls 5</p> <p>ALL: (Creative drama) Individual Activity- Chart Making OR Visual Arts: Travel brochure</p> <p><b>PORTION:</b> Hornbill Pm- 5 Father to Son: C.T Pm-5</p> <p>ALL: (Visual arts)- Father's Day Card</p> <p><b>PORTION:</b> Snapshots- Ls -1 The Tale of Melon City, C.T- Ls-1</p> <p>ALL: Collect a few humorous poems written by Indian poets</p> <p>ALS Project Presentation</p>	<p>UNIT-6</p> <p>Chemical Thermodynamics</p> <p>ALL: Visual Art-2D (INDIVIDUAL)</p> <p>Create a painting depicting the highest entropy system</p> <p>CT: Unit-6</p> <p>UNIT-7 Equilibrium</p> <p>ALL: Visual Art- (INDIVIDUAL) With your surroundings prepare placard on Le-Chatelier's Principle.</p> <p>CT: Unit-7</p>	<p>Ch 13: Kinetic theory of gases.</p> <p>CT: Ch 13</p> <p>Ch : 14 Oscillations</p> <p>ALL: Visual art- 2D(INDIVIDUAL)</p> <p>Create a painting to show various oscillations and waves which can be seen in our daily life.</p> <p>CT: Ch 14</p> <p>Ch: 15. Waves.</p> <p>ALL: Visual art-3D(Group) Working model of wave generation.</p> <p>CT: Ch. 15</p>	<p>Ch: 15 Body Fluids &amp; Circulation. CT: Ch-15</p> <p>Ch-16 Excretory products and their elimination. CT: Ch:16</p> <p>Ch: 17 Locomotion and movement. CT: Ch-17</p> <p>Ch:18 Neural Control &amp; Coordination. CT: Ch-18</p> <p>ALL: Visual art (INDIVIDUAL) 3D</p> <p>Making a blood model in a bottle.</p> <p>Ch-19 Chem. Coord. &amp; integration.</p> <p>ALL: Visual Art 2D (IND) Make a flip chart on various endocrine glands &amp; their functions. CT: Ch-19</p>	<p><b>Ch: 3. Trigonometric Functions</b></p> <p>ALL: (Individual) Working model of trigonometric values using cardboard. (Use of contrast as an expressive element of art.) Or Model of Graph of sin x and cos x. CT: Ch:3</p> <p><b>Ch: 12.Limits &amp; Derivatives</b></p> <p>ALL: (Individual) - use of contrast as an expressive element of art for writing all formulae from the ch:12 on a chart. CT: Ch:12</p> <p><b>TERM 2: PROJECT:</b> Verification of geometric significance of Derivatives</p>	<p>Leveraging linguistics and computer science</p> <p>Sentiment Sorting Game</p> <p>Revision</p>	<p>Unit-9</p> <p>Psychology and sports.</p> <p>Class Test</p> <p>Unit-10</p> <p>Training and Doping in Sports</p> <p>Class Test</p>	<p><b>Ch. 8 : Thinking</b></p> <p>ALL: <b>Creative Craft</b></p> <p><b>Visual Art:</b> Make a chart / Poster -</p> <p>CT:Ch-8</p> <p><b>Ch 9 :</b></p> <p><b>Motivation and Emotion</b></p> <p>ALL <b>Visual Art :</b> Logical Thinking:</p> <p>CT:Ch-9</p>
JANUARY	REVISION	REVISION	REVISION	REVISION	REVISION	REVISION	REVISION	REVISION
FEB	REVISION	REVISION	REVISION	REVISION	REVISION	REVISION	REVISION	REVISION

COMMERCE-XII

MONTHLY SYLLABUS FOR CLASS-XII (COMMERCE)

Month	English	Business Studies	Accountancy	Economics	Artificial Intelligence	Physical Education	Psychology
MAR /APRIL	<p>Book- Flamingo (Prose) 1. The Last Lesson, CT- Ls1</p> <p>ALL: Creative Drama (Group Activity)-Role play/ script writing</p> <p>Book- Flamingo (Prose) 2. Lost Spring, ALL: Visual Arts (Individual Activity) Poster making</p> <p>ALS- PROJECT INTRODUCTION</p> <p>Book-Flamingo (Poetry) Pm1 My Mother at Sixty-Six</p> <p>CT: Pm1, ALL: Performing Arts (group/individual)-Composition of song lyrics</p> <p>Long Writing Tasks: Letter to the Editor &amp; Job application CT: Letter writing</p> <p>Book-Vistas (Prose) Ls 1 The Third Level, CT: Ls1 (Vistas)</p> <p>Vistas: Ls 2 Tiger, king, C.T- Ls-2</p> <p>Book- Flamingo (Prose) Ls 3 Deep Water, CT: Ls 3</p> <p>ALL: Creative Drama: (Individual Activity)- Story Narration OR Creative Drama: TED talk</p>	<p>Chapter - 1 Nature and significance of Management</p> <p>Act: Activity - Functions of Management.</p> <p>CT - 1 (CH - 1)</p> <p>Chapter- 2 Principles of Management</p> <p>Act: My school as organization - top level, middle level and lower level.</p> <p>CT - 2 (CH - 2)</p> <p>Chapter - 3 Business Environment</p> <p>Act: Dimensions of Business Environment</p> <p>CT - 3 (CH - 3)</p> <p>Chapter - 4 planning</p> <p>Act: Presentation of a Business Plan (Individual).</p> <p>CT - 4 (CH - 4)</p>	<p>PARTNERSHIP ACCOUNTS:</p> <p>CH-1 Fundamentals, ALL: CH-1</p> <p>VISUAL ART: Chart-Prepare the formats of Profit and loss Appropriation A/c Partner's Capital Accounts</p> <p>Provisions relating to: Interest on Capital, Interest on Drawings, Guaranteed profits &amp; Past Adjustments. (INDIVIDUAL) CLASS TEST</p> <p>CH-2 Admission of a Partner ALL: CH-2</p> <p>VISUAL ART: Chart- Calculation of New Ratio, Sacrificing Ratio, Various methods of Valuation of Goodwill, Treatment for "Goodwill, Revaluation of Assets and Liabilities, Adjustment of Capitals and preparation of Balance Sheet" at the time of admission of a Partner (INDIVIDUAL) CLASS TEST</p>	<p>MACRO ECONOMICS:</p> <p>CH - 2 Money and Banking</p> <p>Act: Measurement of money - aggregate monetary resources of country.</p> <p>CT - 1 (CH - 2)</p> <p>CH - 4 Government Budget</p> <p>Act: State &amp; Local Government Spending on Revenue Activities for High Schools in Telangana.</p> <p>CT - 2 (CH - 4)</p> <p>MACRO ECONOMICS:</p> <p>CH - 5 Balance of Payments</p> <p>Act: Prepare a chart by differentiating the components of current and capital account.</p> <p>CT - 3 (CH - 5)</p>	<p>Data Storytelling</p> <p>Entrepreneurship Skills IV</p> <p>Communication Skills IV</p> <p>Activity: AI Project</p> <p>Flowchart</p>	<p>Unit 1: Management of Sports Events</p> <p>Class Test</p>	<p>Chap4: Psychological Disorders</p> <p>ALL: Dramatic: Plan a skit using any psychological problem.</p> <p>Visual Art :Make a poster or a chart; CT - Chap 4</p>
JUNE	<p>Creative Writing Skills: Short Writing Tasks- Notice Writing: Formal &amp; Informal Invitation Cards, CT: Invitations</p> <p>CT: Notice Writing &amp; Invitations</p> <p>Book-Flamingo (Poetry) Pm 2 Keeping Quiet, CT: Pm 2 -Keeping Quiet</p> <p>ALL: (Individual Activity)-Infographic</p> <p>Book : Vistas -Ls 4 The Enemy, CT: Ls 4</p> <p>Long writing skill: Article writing, C.T : Article writing</p> <p>Vistas: Ls- 3 Journey to the end of the Earth, C.T: Ls- 3</p> <p>ALS-PROJECT</p> <p>Book-Flamingo (Prose) Ls. 4The Rattrap, CT : The Rattrap</p> <p>ALL: Visual Arts (Individual Activity)- Infographic /Poster making</p> <p>Long writing skill: Report writing, C.T - Report writing.</p>	<p>Chapter-5 Organizing</p> <p>Act: organizing event in school</p> <p>CT-5 (CH -5)</p> <p>Chapter- 6 Staffing</p> <p>Act: "Hire the Best Employee"</p> <p>CT-6(CH-6)</p> <p>Chapter -9 Financial management</p> <p>Act -Operating cycle factors affecting the financial, dividend and investment</p> <p>CT-7(CH-7)</p>	<p>PARTNERSHIP ACCOUNTS:</p> <p>CH-3 Retirement and Death of a Partner</p> <p>ALL: CH-3</p> <p>VISUAL ART: Calculation of New Ratio, Gaining Ratio, Accounting treatment provisions when a partner is retired. Provisions relating to amount payment to a retiring partner or to the executor. (INDIVIDUAL) CLASS TEST</p> <p>CH-4 Dissolution of a Partner ALL: CH-4</p> <p>visual art: A Chart- Format of Realisation A/c. and Journal Entries at the time of dissolution of the firm (INDIVIDUAL) CLASS TEST</p>	<p>INDIAN ECO. DEVELOPMENT:</p> <p>CH-1 India on the Eve of Ind..</p> <p>Act: Class Discussion - Colonial Exploitation of the Indian Economy under the British Rule.</p> <p>CT - 4 (CH - 1)</p> <p>CH - 2 Indian Economy (1950-1990) Act: Analysis of Indian Development - then and now (1990 - 2020). CT - 5 (CH - 2)</p> <p>CH - 3 Economic Reforms since 1991: New Economic policy.</p> <p>Act: Collect pictures to identify the major occupations followed by the people of our country at the time of independence and prepare a chart. (INDIVIDUAL) CT - 6 (CH - 3)</p>	<p>Generative AI, ICT Skills IV, Self-Management skills IV</p> <p>Green Skills IV</p> <p>Activity: Visual Art: Make a poster depicting different intelligences.</p> <p>Chap2 Self &amp; Personality</p> <p>ALL Draw or Make a Poster: Role Play of personalities. CT - Chap 1&amp;2</p>	<p>Unit-2: Sports &amp; Nutrition.</p> <p>Class Test</p>	<p>Chap1: Variations In Psychological Attributes</p> <p>ALL : Analytical Thinking</p> <p>Visual Art: Make a poster depicting different intelligences.</p> <p>Chap2 Self &amp; Personality</p> <p>ALL Draw or Make a Poster: Role Play of personalities. CT - Chap 1&amp;2</p>
JULY	<p>LS-5 Indigo, CT: Indigo</p> <p>ALL: Creative Drama(Individual Activity)Visual Arts- Infographic OR Picture collage</p> <p>Book-Flamingo (Poetry) Pm 3 A Thing of Beauty, CT: Pm 3</p> <p>ALL: Visual Arts (Individual Activity)-Poster Making (OR)-Picture Collection</p> <p>Book-Vistas (Prose) Ls-5 On the Face of It</p> <p>CT: Ls 5</p>	<p>Chapter -10 Financial Markets</p> <p>Act -Operating cycle factors affecting the financial, dividend and investment</p> <p>CT-8 (CH-10)</p> <p>Chapter-7 Directing</p> <p>Act: - Create a Motivation Plan</p> <p>CT - 9(CH-7)</p> <p>Chapter 8 Controlling</p> <p>Act :8 Process of Controlling</p> <p>CT - 10(CH -8)</p>	<p>COMPANY ACCOUNTS:</p> <p>CH-1 Issue of Shares</p> <p>ALL CH-1</p> <p>VISUAL ART: Chart- Differences between Partnership and Company, Flow chart of Different types of companies. (IND.), JEs for issue of shares, Calls in arrears, Calls in Advance, Shares issued at premium, forfeiture &amp; reissue</p> <p>CLASS TEST</p>	<p>CH - 4 Human Cap. Formation</p> <p>CH - 5 Rural Dev.</p> <p>AIL-4 Prepare a chart listing five popular items that are organically produced in India and also paste the pictures of it. (IND.) CT - 7 (CH -4&amp;5)</p> <p>MACROECONOMICS: CH - 1 National Income and Related aggregates</p> <p>Act: Prepare flow charts of various methods of calculation of National Income and its Aggregates.</p> <p>CT - 8 (CH - 1)</p>	<p>Python</p> <p>Programming II</p> <p>Activity: Data Cleaning Lab</p> <ul style="list-style-type: none"> <li><input type="checkbox"/> import data</li> <li><input type="checkbox"/> find missing values</li> <li><input type="checkbox"/> clean dataset</li> </ul>	<p>Unit 3: Yoga as preventive measure for Lifestyle disease.</p> <p>Class Test (Performs Yoga Asanas)</p> <p>Unit 4: Physical Education &amp; Sports for CWSN.</p> <p>Class Test</p>	<p>Chap3: Meeting Life Challenges</p> <p>ALL Digital Art: Make PPT</p> <ul style="list-style-type: none"> <li>- how to cope with stress</li> <li>Role Play Relaxation techniques to manage life challenge.</li> </ul> <p>CT : Chap 3</p>

AUG.	Flamingo: Prose: Ls-6 Poets and Parcakas, C.T.-Ls-6 ALL: (Visual Arts) Individual Activity-Collage work ALS PROJECT Flamingo: Prose: Ls- 7 The Interview Part-I &II, C.T.- Ls-7 ALL: (Creative drama) group activity Conduct an interview with your teachers and write a report.	Chapter -11 Marketing management Act: Launch Your Own Product CT-11 (CH-11)	CH-1 Issue of Shares (Continued) Oversubscription of shares CH-2 Issue of Debentures ALL: CH-2 Visual art: A chart on the Difference between a debenture and share and Different types of Debentures (Flow Chart), JEs for issue of debentures, Debentures issues at premium, Discount, oversubscription (INDIVIDUAL) CLASS TEST	CH-3 Determination of Income and Employment Act: Prepare a chart specifying the reasons why people migrate from one place to another. Paste the pictures of migrants. CT – 9 (CH – 3) INDIAN ECONOMIC DEVELOPMENT: CH – 6 Employment	Understanding Neural Networks Activity: Comparative chart between Human Brain and ANN Project Work	Unit-5: Children & women in Sports. Class Test	Chap:5: <b>Therapeutic Approaches</b> ALL Dramatics: <b>Roleplay of a therapist and a client.</b> Visual Art: Make a poster or a chart on different therapeutic approaches. CT:Ch 5 <b>REVISION</b>
SEPT	Pm 4 A Roadside Stand, C. T: Pm 4 ALL: (Creative drama) -Group activity- Documentary Making Flamingo: Prose: Ls- 8 Going Places, C. T: Ls- 8 ALL: (Creative drama) Individual Activity- Role play <b>HALF YEARLY REVISION</b>	Chapter -12 Consumer Protection Act Act: Consumer Court Role Play CT:12(CH-12) <b>REVISION</b>	<b>REVISION</b>	CH – 7 Environment and Sustainable Development Act: While reading newspapers you will come across terms like Bharat Nirman, Special Purpose Vehicle (SPV), Special Economic Zones (SEZ), Build operate Transfer (BOT), Private Public Partnership (PPP) etc. Make a scrapbook of news items containing these terms. (INDIVIDUAL), CT – 10 (CH – 8&7) <b>REVISION</b>	Python Programming II Introduction to BIG Data and Data Analytics Activity: 5V Identification Game Project <b>REVISION</b>	Unit- 6: Test & Measurements in sports. Class Test (Performs SAI Khelo India Fitness test activities) <b>REVISION</b>	<b>REVISION</b>
OCT	Pm 5 Aunt Jennifer's Tigers, CT: Pm 5 ALL: Creative Drama (Group Activity) Prepare an act on gender roles ALS Project review	<b>REVISION</b>	FINANCIAL STATEMENT ANALYSIS: CH-3 Fin. statements of a company ALL: CH-3 VISUAL ART: Chart- Formats of Financial Statements in a Vertical Format CH-4 Analysis of Financial Statement ALL: CH-4 VISUAL ART: Chart- Comparative & Common Size Financial Statement Analysis CH-5 Accounting Ratios (INDIVIDUAL) CLASS TEST CH-5 VISUAL ART: Make a flow chart of accounting ratios with their formulas (INDIVIDUAL) CLASS TEST	CH – 8 Comparative development experiences of India and its neighbours. Act: A chart with pictures on India's water treaties with its neighbours. CT – 11 (CH – 8)	AI with Orange Data Mining Activity: Iris Dataset Exploration	Unit-7: Physiology & Injuries in Sports. Class Test Unit 8: Biomechanics & Sports Class Test	Chap:6: <b>Attitudes and social Cognition</b> ALL Creative Carfts of a Telagana and Harayana Visual Art CT : Chap 6
NOV	Vistas: Ls. 6 Memories of Childhood-The cutting of my long hair& • We Too are Human Beings, C.T- Vistas-Ls6 Completion of ALS Project work <b>REVISION</b>		. CH-5 Accounting Ratios (Conti...) Problems on various ratios Ch-6 Cash Flow Statements ALL: CH-6 VISUAL ART: Chart- Prepare the format of Cash Flow Statement- Indirect Method (IND.) CLASS TEST		Making Machines see Activity: Binary Image Art Project wirj	Unit 9: Psychology and Sports. Class Test Unit 10: Training in Sports Class Test	Chap7: <b>Social Influence and Group Processes</b> ALL Role Play: how culture of Telengana different from Harayana. Analytical Thinking
DEC	<b>REVISION</b>	<b>REVISION</b>	<b>REVISION</b>	<b>REVISION</b>	<b>REVISION</b>	<b>REVISION</b>	<b>REVISION</b>
JAN	<b>REVISION</b>	<b>REVISION</b>	<b>REVISION</b>	<b>REVISION</b>	<b>REVISION</b>	<b>REVISION</b>	<b>REVISION</b>
FEB.	<b>REVISION</b>	<b>REVISION</b>	<b>REVISION</b>	<b>REVISION</b>	<b>REVISION</b>	<b>REVISION</b>	<b>REVISION</b>

SCIENCE - XII

MONTHLY SYLLABUS FOR CLASS-XII (SCIENCE)

Month	English	Physics	Biology	Chemistry	Mathematics	AI	Phy Edn.	Psychology
MAY	<p>Book- Flamingo (Prose) 1. The Last Lesson, CT-Ls1                      All: Creative Drama (Group Activity)-Role play/                      script writing                      Book- Flamingo (Prose) 2. Lost Spring, All: Visual                      Arts                      (Individual Activity) Poster making                      ALS- PROJECT INTRODUCTION                      Book-Flamingo (Poetry) Pm1 My Mother at Sixty-Six                      CT: Pm1, All: Performing Arts (group/ individual) -                      Composition of song lyrics                      Long Writing Tasks: Letter to the Editor &amp; Job                      application CT: Letter writing                      Book-Vistas (Prose) Ls 1 The Third Level, CT: Ls1                      Vistas: Ls 2 Tiger king, C.T.- LS-2                      Book- Flamingo (Prose) Ls 3 Deep Water, CT: Ls 3                      All: Creative Drama:                      (Individual Activity)-Story Narration <b>OR</b> Creative                      Drama: TED talk</p>	<p>Ch:1. Electrostatics                      CT: Ch: 1                      Ch:2. Electric potential and                      capacitances.                      CT: Ch: 2                      All: <u>Visual Art:3D</u> (INDIVIDUAL)                      Use best out of waste to                      describe the concept of electric                      charges.                      Ch:3. Current Electricity                      CT: Ch:3                      All: <u>Visual Art:3D</u> (GROUP)                      Make a Simple circuit on board                      with the help of components                      available at home to analyse                      kirchoff's current and voltage                      rule.</p>	<p>Ch:1 Sexual                      Reproduction in                      Flowering Plants.                      CT: Ch-1                      Ch:2 Human                      Reproduction.                      CT: Ch-2                      All: <u>Digital Art</u>                      (INDIVIDUAL)                      Short video on                      pollination and its                      types.</p>	<p>Unit-6 Haloalkanes and                      Haloarenes                      All: (INDIVIDUAL)  <u>Visual Art:</u> - Use a                      photo collage to                      convey the idea on                      drugs containing                      Haloalkane and                      Haloarene.                      CT Unit-6                      Unit-1 Solutions                      All: (INDIVIDUAL)  <u>Visual Art:</u> - Blow                      technique painting on                      showing gas – liquid                      interface.</p>	<p>Chapter 3: Matrices                      Chapter 4: Determinants                      All: Visual art 2D                      (INDIVIDUAL);                      Making puzzle book by using                      sudoku with 2'2 and 3'3 order                      Chap- 2: Inverse trigonometry                      CT: Ex:2.1 and ex 2.2                      All: Visual art 2D (IND)                      Individual Activity: Glass                      painting                      By using trigonometry graphs                      Chapter 5: continuity and                      differentiability                      All: Visual art 2D (IND.);                      Individual Activity: Making                      hand book for formulas</p>	<p>Data                      Storytelling                      Entrepreneurs                      hip skills IV                      Communicati                      on Skills IV                      Activity:                      AI Project                      Flowchart</p>	<p>Unit 1:                      Management                      of Sports                      Events                      Class Test</p>	<p><b>Ch-4:                      Psychological                      Disorders</b>                      All:  <b>Dramatic: Plan a                      skt using any                      psychological                      problem.</b>                      Visual Art :Make                      a poster or a chart;                      CT - Chap 4</p>
JUN	<p>Creative Writing Skills: Short Writing Tasks- Notice                      Writing: Formal &amp; Informal Invitation Cards, CT:                      Invitations                      CT: Notice Writing &amp; Invitations                      Book-Flamingo (Poetry) Pm 2 Keeping Quiet, CT:                      Pm 2-Keeping Quiet                      All: (Individual Activity)-Infographic                      Book : Vistas -Ls 4 The Enemy, CT:Ls 4                      Long writing skill: Article writing, C.T : Article writing                      Vistas: Ls- 3 Journey to the end of the Earth, C.T: Ls-                      3                      ALS-PROJECT                      Book-Flamingo (Prose) Ls. 4The Rattrap, CT ; The                      Rattrap                      All: Visual Arts (Individual Activity)- Infographic                      /Poster making                      Long writing skill: Report writing, C.T - Report writing</p>	<p>Ch:4. Moving charges and                      magnetism.                      CT: Ch:4                      Ch:5. Magnetism and Matter.                      CT : Ch:5                      All: <u>Performing Art(I)</u>  <b>"Dance of the Dipoles" (Role                      Play):</b> Students act as atomic                      dipoles within a material. Initially,                      they face random directions                      (unmagnetized). As a student                      through, they all turn to face the                      same direction (magnetized).                      CT: Ch:6</p>	<p>Ch:3 Reproductive                      Health.                      CT: Ch-3                      Ch: 4 Principal of                      inheritance and                      Variations.                      CT: Ch:4                      All: <u>Visual Art 2D</u>                      (INDIVIDUAL)                      Prepare a poster                      on reproductive                      health.                      Ch:5 Molecular                      Basis of                      Inheritance.                      CT: Ch:5</p>	<p>Unit-10 Biomolecules                      All: (INDIVIDUAL)  <u>Visual Art:</u> - Use a                      photo collage to                      convey the idea on                      proteins                      CT Unit-10                      Unit-7 Alcohols,                      Phenols and Ethers                      CT Unit- 7</p>	<p>Chapter 1: Relations and                      functions CT: Ex:1.1,1.2,1.3                      All: Visual art 2D                      (INDIVIDUAL);Activity: key                      chain hanger (one-one and                      one to function)                      Chapter 6: Applications of                      differentiation                      CT1: Ex 6.1,6.2, CT 2: 6.5                      All: Visual art 3D                      (INDIVIDUAL); Individual                      Activity: jewellery box (finding                      volume of cuboid)                      Chapter 12: linear                      programming problems                      All: Visual art 2D (IND) :                      making cake( by using                      inequalities)</p>	<p>Generative AI,                      ICT Skills IV,                      Self-                      Management                      skills IV                      Green Skills                      IV  <b>Activity:</b>                      Prompt                      Engineering                      Challenge</p>	<p>Unit-2:                      Sports &amp;                      Nutrition.                      Class Test</p>	<p><b>Ch-1: Variations                      In Psychological                      Attributes</b>                      All: Analytical                      Thinking Visual                      Art: Make a poster                      depicting different                      intelligences.  <b>Ch-2 Self And                      Personality</b>                      All: Draw or Make                      a Poster:                      Role Play of                      different                      personalities.                      CT - Chap 1&amp;2</p>
JULY	<p>LS:5 Indigo, CT: Indigo                      All: Creative Drama(Individual Activity)Visual Arts-                      Infographic <b>OR</b> Picture collage                      Book-Flamingo (Poetry) Pm 3 A Thing of Beauty, CT:                      Pm 3                      All: Visual Arts (Individual Activity)-Poster Making                      (OR)-Picture Collection                      Book-Vistas (Prose) Ls-5 On the Face of It CT: Ls 5</p>	<p>Ch:7. Alternating current                      CT: Ch:7                      All: <u>Visual Art:2D</u> (G)                      Placards to show various AC                      and DC circuits.                      Ch:8. Electromagnetic Waves                      CT: Ch:8                      All: <u>Visual Art:3D</u> (G)  <b>Interactive EM Spectrum Wall                      Hanging:</b> Make a hanging                      display using colorful ribbons or                      strings to show the changing                      wavelength and frequency.                      Long, loose waves for Radio;                      tight, dense waves for Gamma                      rays.</p>	<p>Ch: 6 Evolution.                      CT: Ch:6                      All: Visual art 3D                      (INDIVIDUAL)                      Prepare a model of                      DNA structure Ch:                      7 Human Health                      and Diseases.                      CT: Ch- 7                      Ch: 8 Microbes in                      Human Welfare.                      CT: Ch-8                      All: Culinary Art                      (INDIVIDUAL)                      Exploring creativity                      in cooking Haryana                      dish using any of                      fermented food                      product.</p>	<p>Unit- 8                      Aldehydes, Ketones                      and Carboxylic Acids                      Unit- 4 d and f block                      elements                      All: <u>Performing Art:-</u>                      (Group activity)                      Writing a poem or                      composing song on                      the properties on                      elements or poster                      designing.                      CT Unit-4</p>	<p>Chapter 7: integration                      CT1:                      Ex 7.1,7.2,7.3                      CT2: ex 7.4,7.5,7.6, CT 3: ex                      7.9,7.10,7.11                      All: Visual art 2D                      (INDIVIDUAL); chat (                       formulas)                      Chapter 8: applications of                      integration CT: Ex 8.1                      (INDIVIDUAL); exercise (by                      using geometry shapes)</p>	<p>Python                      Programming                      II                      Data Cleaning                      Lab                      import data                      find missing                      values                      clean dataset</p>	<p>Unit 3:                      Yoga as                      preventive                      measure for                      Lifestyle                      disease.                      Class Test                      (Performs                      Yoga Asanas)                      Unit 4:                      Physical                      Education &amp;                      Sports for                      CWSN.                      Class Test</p>	<p><b>Chap3:                      Meeting Life                      Challenges</b>                      All:                      Digital Art:Make                      PPT :.how to cope                      with stress                      Role Play                      Relaxation                      techniques to                      manage life                      challife                      Education &amp;                      Sports for                      CWSN.                      CT :Chap 3</p>

AUG	<p>Fleming: Prose: Ls-6 Poets and Pancakes, C-T- Ls-6  ALS PROJECT  ALS PROJECT  Fleming: Prose: Ls- 7 The Interview Part-I &amp;II, C-T- Ls-7  AL: (Creative drama) group activity  Conduct an interview with your teachers and write a report.</p>	<p>Ch:9: Ray Optics and optical instruments.  CT: Ch-9  Ch:10: Wave Optics  AL: Visual Art-2D(I)  <b>DIY Microscope Model:</b> Using cardboard and plastic lenses to build a compound microscope model to visualize the image formation process.  CT: Ch:10  Ch:11: Dual Nature of matter and radiation.  CT: Ch: 11</p>	<p>Ch: 9  Biotechnology: Principals and Processes.  CT: Ch-9  Ch:10  Biotechnology and its Application.  CT: Ch-10  AL: Visual art 2D (INDIVIDUAL)  Represent recombinant DNA technology in the form of stitching (use two different colour threads)  CT: Ch-11  <b>REVISION</b></p>	<p>Unit-2  Electrochemistry  AL: (Group)  Visual Art. - Create a tiny dancer using an electrolytic cell.  Unit- 9  Amines  AL: (Group)  Culinary Art. - Exploring creativity in cooking Haryana dish  CT Unit- 9</p>	<p>Chapter 9: Differential equations  CT: Ex 9.1,9.2,9.4,9.5,9.6  AL: Visual art 2D (INDIVIDUAL): skit individual (bank)</p>	<p>Understanding Neural Networks  <b>Activity:</b>  Comparative chart between Human Brain and ANN  Project Work</p>	<p>Unit-5:  Children &amp; women in Sports.  Class Test</p>	<p><b>Chap:5: Therapeutic Approaches</b>  <b>AIL</b>  <b>Dramatics: Roleplay of a therapist and a client.</b>  Visual Art : Make a poster or a chart on different therapeutic approaches.  CT : Chap 5</p>
SEP	<p>Pm 4 A Roadside Stand, C.T: Pm 4  AL: (Creative drama) -Group activity- Documentary Making  Fleming: Prose: Ls- 8 Going Places, C.T: Ls- 8  AL: (Creative drama) Individual Activity- Role play  <b>HALF YEARLY REVISION</b></p>	<p>Ch:12: Atoms CT: Ch:12  AL: Digital Art:2D (I)  <b>Comic Strip: "Journey of an Electron"</b>: Create a digital or hand-drawn comic strip depicting an electron in a Bohr atom jumping to a higher orbit (absorption) and falling back (emission) when it interacts with light. Ch:13: Nuclei CT: Ch:13  <b>REVISION</b></p>	<p>Unit-3:Chemical Kinetics  <b>REVISION</b></p>	<p>Chapter 10: vector algebra  CT: Ex 10.2 , 10.3 , 10.4  AL: Visual art 2D (INDIVIDUAL): song (magnitude and scalar)  <b>REVISION</b></p>	<p>Python Programming II  Introduction to BIG Data and Data Analytics  <b>Activity:</b>  5V Khelo India Fitness test activities)  <b>REVISION</b></p>	<p>Unit- 6:  Test &amp; Measurements in sports.  Class Test (Performs SAI Khelo India Fitness test activities)  <b>REVISION</b></p>	<p><b>REVISION</b></p>	
OCT	<p>Pm 5 Aunt Jennifer's Tigers, CT: Pm 5  AL: (Creative Drama (Group Activity) Prepare an act on gender roles  ALS Project review</p>	<p>Ch:14: Semiconductor Devices.  CT: Ch: 14  AL: Performing Art:3D (G)  <b>Depletion Region Diorama:</b> Construct a 3D diorama of a P-N junction, showing the junction, holes, electrons, and the depletion region. Use clay or foam to represent the potential barrier.</p>	<p>Unit-3  Chemical Kinetics  AL: (Group)  Digital Art:-  Make a video of rate of reaction of spontaneous reaction from the surrounding  CT Unit-3</p>	<p>Chapter 11: 3 d geometry  CT: Ex 11.1 , 11.2 , 11.3  AL: Visual art 2D (INDIVIDUAL): making 3D picture  <b>REVISION</b></p>	<p>AI with Orange Data Mining  <b>Activity:</b>  Iris Dataset Exploration</p>	<p>Unit-7:  Physiology &amp; Injuries in Sports.  Class Test  Unit 8:  Biomechanics &amp; Sports  Class Test</p>	<p><b>Chap:6: Attitudes and social Cognition</b>  <b>AIL</b>  Creative Carfts of a Telegana and Harayana  Visual Art  CT : Chap 6</p>	
NOV	<p>Vistas: Ls 6 Memories of Childhood-The cutting of my long hair&amp; We Too are Human Beings. C.T- Vistas- Ls6  Completion of ALS Project work  <b>REVISION</b></p>	<p>Ch:13 Biodiversity and Conservation.  CT: Ch-13  AL: File making (IND) Graphical representation of population of India before and after pandemic. / Prepare a poster on the topic 'Save Our Biodiversity'  <b>REVISION</b></p>	<p>Unit-5 Coordination compounds  AL: (INDIVIDUAL)  Visual Art.-3D Art- Model making on different type of complexes.  CT Unit-2</p>	<p>Chapter 13: Probability  CT: Ex 13.1 , 13.2 , 13.3, 13.4  Group activity : Skit on conditional probability</p>	<p>Making Machines see  <b>Activity:</b>  Binary Image Art  Project wirj</p>	<p>Unit 9:  Psychology and Sports.  Class Test  Unit10:  Training in Sports  Class Test</p>	<p><b>Chap:7: Social Influence and Group Processes</b>  <b>AIL</b>  Role Play: how culture of Telengana different from Harayana.  Analytical Thinking  <b>REVISION</b></p>	
DEC	<b>REVISION</b>	<b>REVISION</b>	<b>REVISION</b>	<b>REVISION</b>	<b>REVISION</b>	<b>REVISION</b>	<b>REVISION</b>	
JAN	<b>REVISION</b>	<b>REVISION</b>	<b>REVISION</b>	<b>REVISION</b>	<b>REVISION</b>	<b>REVISION</b>	<b>REVISION</b>	
FEB	<b>REVISION</b>	<b>REVISION</b>	<b>REVISION</b>	<b>REVISION</b>	<b>REVISION</b>	<b>REVISION</b>	<b>REVISION</b>	