

SURENDRANATH CENTENARY SCHOOL, DIPATOLI, RANCHI-9
SESSION – 2026-27
ANNUAL PEDAGOGICAL PLAN
CLASS XII

Stream: Commerce

Sl. No.	Subject Code	Subject	
1	301	English Core	
2	054	Business Studies	
3	055	Accountancy	
4	030	Economics	
5	066	Entrepreneurship	
6	241	Applied Mathematics	
7	048	Physical Education	
8	049	Painting	
9	805	Financial Markets Management	

SURENDRANATH CENTENARY SCHOOL
SESSION – 2026-27
ANNUAL PEDAGOGICAL PLAN
CLASS XII

Subject : ENGLISH CORE Books : FLAMINGO ; VISTAS
Subject Code: 301

Month	Chapter	No. of periods	Topics	Learning Objective	Learning Outcome	UT/PT/HY Pre-Board I&II
April '26	<p>Notice Writing</p> <p>My Mother At Sixty Six</p> <p>The Last Lesson</p> <p>The Third Level</p>	21	<p>Notice- Use of notice, language, format</p> <p>My Mother At Sixty Six- Old age and the problems; Responsibility and constraints of offsprings; Volatile and demanding world</p> <p>The Last Lesson- War and its futility; Importance of learning mother tongue/ indigenous language; Ill effects of procrastination; Education; Patriotism</p> <p>The Third Level- Stress a common problem; Facing adversity and picking up the gauntlet is the only way out; Fantasy VS reality</p>	<p>To enable the learners:</p> <p>Notice- learn the format and permissible language of notice.</p> <p>My Mother At Sixty Six- Understand different genres of poems. Discuss poetic devices and the impact it creates.</p> <p>The Last Lesson- To be familiar with keywords/ phrases. Teach them to analyse text and interpret. Make them creative and language proficient.</p> <p>The Third Level- Find solution to the underlying problem expressed in the chapter.</p>	<p>Learners will be able to:</p> <p>Notice- Draft notices of different kinds correctly.</p> <p>My Mother At Sixty Six- Recite poem with voice modulation, identifies literary devices, linguistic features. Appreciates the impact of literary devices in poetry. Analyses the use of literary devices in the poem.</p> <p>The Last Lesson- Infer implicit meanings of unfamiliar vocabulary words, phrases etc. Explain themes and interprets text.</p> <p>The Third Level- Converse about personal experiences clearly and independently. Infers implicit meanings of unfamiliar vocabulary words, phrases etc. Explain themes and interprets text.</p>	<p>Unit Test 1 20/04/26 Notice; My Mother at Sixty Six; Reading Comprehension</p>

May '26	<p>Writing Invitations and Replies</p> <p>Lost Spring</p> <p>Writing Letter to the Editor</p> <p>The Tiger King</p>	15	<p>Invitations and Replies- Use of invitations and replies; Formal and informal invitations and replies</p> <p>Lost Spring- Poverty a great challenge; Progress of a nation depends on population control; Need for education; Government, politicians and their role in uplifting the lives of people below poverty line</p> <p>Letter to the Editor- Use of such letters to bring change in society; Topics related to society</p> <p>The Tiger King- Wild life, need for conservation; Authenticity of prophecies and predictions- superstition; Corruption imposed by powerful people on the innocent people</p>	<p>To enable the learners:</p> <p>Invitations and Replies- Learn about formats, language and kinds of invitations and replies.</p> <p>Lost Spring- Understand poverty and its vicious circle. Infer social issues mentioned in text. Help learners in drawing comparisons and contrasts between both parts of the lesson. Teach how to write character sketch.</p> <p>Letter to the Editor- Understand that these letters are written for issues which pertain to the society, or nation as a whole. Highlight the difference between national daily and local daily, use of formal language, format and CODER.</p> <p>The Tiger King- Understand the underlying problem expressed in the chapter. Help in drawing comparisons and contrasts. Teach to write character sketch. Teach to read the narrative, comprehend and draw inferences. Help learners for groups and prepare role play.</p>	<p>Learners will be able to:</p> <p>Invitations and Replies- Draft different kinds of invitations and replies correctly.</p> <p>Lost Spring- Read narrative nonfiction and draws comparisons. Compare and contrasts two ideas within a text. Make predictions about characters' actions. Infer cause and effect relationships between the events in the text.</p> <p>Letter to the Editor- Write letters based on topics given and relate them with real life experiences in correct format. Write proper observation and suggestions</p> <p>The Tiger King- Read the text to identify the complexity of ideas, enjoy the humour in text. Infer character traits based on their actions and feelings. Predict an alternative ending for the story. Present the lesson in the form of play.</p>	
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July '26	<p>Journey to the End of the Earth</p> <p>Report Writing</p> <p>The Rattrap</p> <p>A Thing Of Beauty</p> <p>The Enemy</p> <p>Indigo</p>	23	<p>Journey to the End Of the Earth- Climate change; SDGs and purpose of SDGs; Initiatives taken at national and international levels; Role of individuals in protecting environment and eco system</p> <p>Report Writing-Format, language, rules, different types of reports, use of correct tense in report writing</p> <p>The Rattrap- Theme of loneliness; Presence of essential goodness in man; Power of positivity; Effect of kindness and understanding</p> <p>A Thing Of Beauty- Beauty is an eternal truth; It never diminishes or fades; Imagery; Metaphor</p> <p>The Enemy- Humanism transcends all man-made prejudices and barriers- a great lesson of peace, dilemma, ethics, responsibilities, sympathy and humanism.</p> <p>Indigo- Relation between history and the chapter. Life of Gandhiji and his contribution. Importance of critical understanding in taking decisions</p>	<p>To enable the learners:</p> <p>Journey to the End Of the Earth- Discuss climate change, SDGs, Antarctica and its physical features. Make learners familiar with Students On Ice Programme.</p> <p>Report Writing- Learn the format of report writing. Use of past tense, correct person and grammatically error free formal language.</p> <p>The Rattrap- Learn about the style of writing, symbolic use of rattrap, presence of essential goodness in every human. Help the learners empathize with the character of peddler.</p> <p>A Thing Of Beauty- Learn the meaning of beauty, the central idea of the poem and the poetic devices used.. Teach how beautiful objects provide comfort and inspiration, contrast between human suffering and beauty</p> <p>The Enemy- Realise the essential worth of human life and universal brotherhood, teach special terminology used and critically analyze war and its aftermath.</p> <p>Indigo- Understand the importance of a good leader and team work. Research history of indigo farming in pre-independent India. Teach to read the narrative, mprehend and draw inferences.</p>	<p>Learners will be able to:</p> <p>Journey to the End Of the Earth Write similar articles on topics related to climate change, role of students in conserving wild life/fossil fuel/ natural resources. Students write a report on latest trip of ‘Students On Ice’.</p> <p>Report Writing- Write reports of different kinds with proper tenses and format, using correct grammar, formal language and phrases in expressing.</p> <p>The Rattrap- Read like critics, explain symbolic use of ‘Rattrap’, write character sketch and come up with a creative writing task of giving a different ending to the story.</p> <p>A Thing Of Beauty- Explain the eternal theme of beauty, identify the poetic devices used in the poem, relate the poem to real life experience and write/draw creatively on themes related to beauty and nature.</p> <p>The Enemy- Analyse characters, explain their dilemma. Write about importance of peace and brotherhood. Learners relate the lesson to the present war situation in the world and its repercussion.</p> <p>Indigo- Research Gandhiji’s life, understand historical context and appreciate Gandhiji’s contribution for India.</p>	<p>Unit Test 2 13/07/26 Letter to the Editor; Deep Water; The Tiger King; Keeping Quiet</p>
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August '26	<p>A Roadside Stand</p> <p>Poets and Pancakes</p> <p>On the Face of It</p> <p>The Interview</p>	20	<p>A Roadside Stand- Contrast between the rich and the poor, city dwellers and miserable villagers; Question the distribution of resources and opportunities in society</p> <p>Poets and Pancakes- Film industry; Humour and Satire; Gemini Studios; Screenplay; Literary influence</p> <p>On the Face of It- Highlight the issue of disability, acid attacks; Trauma suffered by the victims; Role of family and society; Importance of being decisive in life</p> <p>The Interview- Power, ethics and significance of Interviews; Art of communication; Celebrity culture and journalism</p>	<p>To enable the learners:</p> <p>A Roadside Stand- Understand the plight of roadside stand owners, contrast between urban prosperity and rural deprivation depicted in the poem. Relate the poem to the current situation of present India and discuss poetic devices.</p> <p>Poets and Pancakes- Make learners familiar with Gemini Studios and its functioning, elements of humour and satire in literature, the theme of</p> <p>On the Face of It- Act as the characters of the play, help them read with proper voice modulation. Teach learners theme of identity, importance of being optimistic in life and be empathetic towards the victims who suffered from trauma of any kind.</p> <p>The Interview- Understand journalism and ethics, role of interviews in media. Eco's views on writing, language and success.</p>	<p>Learners will be able to:</p> <p>A Roadside Stand- Identify and interpret poetic devices, interpret the tone of the poem, express personal views on issues like poverty, development and social justice.</p> <p>Poets and Pancakes- Describe the working environment, hierarchy, characters clearly, appreciate humour and satire in prose and relate the lesson to real life workplace situation.</p> <p>On the Face of It- Act as the characters of the play, write character sketch and relate the lesson to real life situation. Communicate ideas clearly with written expression.</p> <p>The Interview- Analyse different viewpoints on interviews, develop communication and questioning skill. Conduct interviews in pairs (mock interview).</p>	<p>Practice Test 1 31/08/26 The Last Lesson; Lost Spring; Deep Water; A Thing of Beauty; The Third Level, Invitations and Replies; Letter to the Editor; Reading Comprehension</p>
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October '26	Aunt Jennifer's Tigers Memories of Childhood	15	Aunt Jennifer's Tigers- Constraints of married life experienced by a woman; Gender roles; Art as expression of freedom Memories of Childhood- Theme of discrimination, inequality, marginalization; The trauma faced in childhood; Overcoming injustice	To enable the learners: Aunt Jennifer's Tigers- Aware of male dominance, empathize with the victims of male chauvinism. Understand that man and women are equal. Help learners analyse symbolism and list the poetic devices. Memories of Childhood- Understand and reflect on the right perspective of treating underprivileged and marginalized. Discussion on the movie Article 15. The then society and its beliefs.	Learners will be able to: Aunt Jennifer's Tigers- Identify irony, analyse figurative language, poetic devices and their use in the poem. Relate the theme with real life experiences. Memories of Childhood- Bridge gaps between different castes, social background, foster understanding, and advocate for a more inclusive and compassionate world. Explain issues of discrimination and display social awareness through writing tasks.	Practice Test 2 13/10/26 Indigo; Poets and Pancakes; Going Places; A Roadside Stand; Journey to the End of the Earth; On the Face of It; Report writing; Article writing; Reading Comprehension
November '26	Revision	05	Conduct ASL for Pre Board Exam I			Pre Board I 12 th November onwards Complete Syllabus
December '26	Revision		Conduct ASL for Pre Board Exam II			Pre Board II 19 th December onwards Complete Syllabus
January '27	Revision		Conduct ASL for CBSE-SSCE Examination 2027			
February '27			Board Examination 2027			
March '27			Board Examination 2027			

SURENDRANATH CENTENARY SCHOOL, RANCHI
SESSION - 2026-2027
ANNUAL PEDAGOGICAL PLAN
CLASS XII

Subject: Accountancy
Book: NCRT and T. S. Grewal

MONTH	CHAPTER	No. of Periods	TOPICS	LEARNING OBJECTIVES	LEARNING OUTCOMES
APRIL	CH-01 PARTNERSHIP- FUNDAMENTAL CH-02 PARTNERSHIP - ADMISSION OF A PARTNER SDG-17 (Partnership for the goals)	24	<ul style="list-style-type: none"> • Week 1-Accounting for Partnership Firms- (a) Fundamental of Partnership Features, Partnership Deed- Accounting Rules. Preparation of P/L • Week 2-Fundamental of Partnership- Calculation of Interest on Drawings- Through different cases • Week 3-Fundamental of Partnership Past Adjustments and Guarantee of Profit. • Week 4-Accounting for Partnership Firms- (b) Admission of a Partner- Change in profit sharing ratio. Goodwill Nature, Methods of Valuation and Accounting Treatment <p>ACTIVITY- 1 <u>Experiential Learning:</u> Skills: How to form Partnership Firm (EXPERIENTIAL LEARNING)</p> <p>ACTIVITY -2 <ul style="list-style-type: none"> ➤ Skills: An accountancy student can settle disputes </p>	<ul style="list-style-type: none"> ➤ To make them understand about Partnership Firm ➤ To teach them Provision of the Indian Partnership Act 1932. ➤ Enhance their knowledge about accounting rules of Partnership. ➤ Encourage learners try to solve numerical questions <p>Learn and prepare correct format.</p>	<ol style="list-style-type: none"> 1. Students are able to know the concept of Partnership. 2. Students can classify between Fixed Capital and Fluctuating Capital Method. 3. Students can classify between Profit and Loss Account Profit and Loss Appropriation A/c. 4. They can explain accounting rules in the absence of Partnership Deed. 5. Students can calculate Interest on Drawings through all methods. 6. Students can prepare Loss Appropriation A/c and Partners Capital Accounts. 7. Students can explain the basic concepts of Partnership.

			among partners.		
MAY	CH-PARTNERSHIP	14	<ul style="list-style-type: none"> • • Week 1- Admission of a Partner- Revaluation A/c- Revaluation of assets and reassessment of liabilities reserves accumulated profit • Week 2- Admission of a Partner- Preparation of Revaluation A/c and Partners Capital Account • • • 	<ul style="list-style-type: none"> ➤ ➤ <p>To make them understand about New and Sacrificing Ratio. Enhance their knowledge about calculation of New and Sacrificing Ratio</p> <ul style="list-style-type: none"> ➤ ➤ To make them understand about Goodwill. ➤ To teach them factors affecting the Goodwill. <p>Develop understanding and skill of passing journal entries of goodwill through different cases</p>	<ol style="list-style-type: none"> 1. Students can explain about goodwill. 2. Students will able to explain nature and valuation of goodwill. 3. Students can calculate goodwill through different methods. 4. They can differentiate between average profit method and super profit method of goodwill. 5. Students can pass journal entries of goodwill through different cases. 6. Students can find out hidden goodwill 7. Students understating and skill will develop for treatment of goodwill in all cases.
JUNE	<p>CH- 3 AND 4 Retirement and Death of a partner</p> <p>SDG-17 (Partnership for the goals)</p>	14	<p>Calculation of Gaining Ratio a on Retirement and Death of a partner Retirement of a Partner – Preparation of Revaluation Account</p> <ul style="list-style-type: none"> • Week 3: Preparation of partners Capital Account after retirement of a partner and Balance Sheet <p>Preparation of Executor’s Account and his loan with allowing interest.</p>	<ul style="list-style-type: none"> ➤ Explain the effect of retirement/death of a partner in profit sharing ratio, ➤ To make them understand about adjustment of accumulated profits/losses and reserves ➤ Enhance their knowledge about gaining ratio ➤ To teach them about payment of deceased partner. ➤ To make them understand for calculation of deceased partner’s share till the time of his death To teach them preparation of deceased partner’s and executor’s account. 	<ol style="list-style-type: none"> 1. Students can calculate deceased partner’s share of profit and share of goodwill till the time of his death. 2. Students will able to prepare deceased partners’ capital at the time of retirement of a partner. 3. Students can prepare Executor’s Account. 4. They can prepare Executor’s Loan Account with interest till final payment made.

<p>JULY</p>	<p>CH.-5- Dissolution of Partnership SDG-17 (Partnership for the goals)</p>	<p>28</p>	<p>Dissolution of Partnership Firm- Concept</p> <p>Preparation of Realisation Account and Partner's Capital Account after dissolution.</p> <p>Preparation of Bank Account.</p>	<ul style="list-style-type: none"> ➤ To teach them situations under which a partnership firm can be dissolved ➤ Understand the situations under which a partnership firm can be dissolved <p>Develop the understanding of preparation of realisation account and other related accounts</p>	<ol style="list-style-type: none"> 1. Students can explain about dissolution of partnership firm. 2. Students will be able to compare between dissolution of partnership and dissolution of partnership firm. 3. Students can explain when a firm can be dissolved. 4. They can settle books of accounts at the time of dissolution of partnership firm. 5. They can compare Firm's Debts and Private Debts. 6. Students will be able to explain Realisation Account and they can prepare also.
<p>AUGUST</p>	<p>CH- 6 COMPANY ACCOUNT – ACCOUNTING OF SHARE CAPITAL AND DEBENTURE</p> <p>SDG-01,10, (No poverty, Reduced inequalities)</p>	<p>32</p>	<ul style="list-style-type: none"> • Company account- Accounting treatment of shares. • Company Account- Accounting treatment of shares- At premium. • Company account- Accounting treatment of shares- forfeiture • Company account- Accounting treatment for shares- pro- rata allotment. <p>Group discussion-</p> <p>ACTIVITY-1: Search different leading companies capitalisation. A4 sheet. (EXPERIENTIAL LEARNING)</p>	<p>To make them understand about New and Sacrificing Ratio. Enhance their knowledge about calculation of New and Sacrificing Ratio</p> <p>To teach them about share and share capital. To make them understand about comparison of equity and preference shares. To teach them how investment in shares make capitalisation.</p>	<ol style="list-style-type: none"> 1. Students can explain about Share and Share Capital. 2. Students will be able to explain about types of Company and Shares. 3. They can compare between Equity Share Capital and Preference Share Capital. 4. Students can recognise the types of company 5. They can explain about Reserve Capital and Capital Reserve.

			<ul style="list-style-type: none"> • Week 1- Preparation of cash book and presentation of share capital in balance sheet • Week 2- Debentures – meaning, types of debentures • Week 3- Issue of debentures- at par, at a discount and at a premium • Week 4- Issue of debentures consideration other than cash <p>ACTIVITY – 1 Which type of company can issue shares.</p>	<ul style="list-style-type: none"> • To make them understand about Private Placement of shares and Employees Stock Option Plan. • Develop their understanding regarding share capital transactions. • To teach them about forfeiture of shares. • Develop the understanding of accounting treatment of forfeiture and re-issue of shares. <p>To teach them about preparation of share capital's cash book. Describe the presentation of share capital in the balance sheet of the company as per Companies Act 2013.</p> <p>To make them understand about debentures.</p> <ul style="list-style-type: none"> • Explain the accounting treatment of different categories of transactions related to issue of debentures. 	<p>. Students can explain about forfeiture of shares.</p> <p>. Students will able to explain when shares can be forfeited by Company.</p> <p>. They can compare between compare between capital reserve and reserve capital.</p> <p>. Students can find out the amount of forfeiture and capital reserve.</p> <p>. Students will able to prepare numerical questions for forfeiture and re-issue of Shares.</p> <p>. They can pass journal entries for forfeiture and re-issue of Shares..</p>
SEPTEMBER	<p>CH- FINANCIAL STATEMENT ANALYSIS SDG- 8,9 (Decent work and economic growth) (Industry innovation and infrastructure)</p>	12	<p>: Financial Statement of a Company- Meaning, Nature, Users and importance of financial statement. Companies Balance Sheet. Tools for Financial Statements Analysis: Comparative Statements and Common Size Statements</p>	<ul style="list-style-type: none"> ➤ Develop the understanding of major headings and sub headings ➤ To teach them concept of financial analysis 	<p>Students can explain about Analysis of Financial Statement</p> <p>They can prepare Comparative Statements and Common Size Statements.</p>

<p>OCTOBER</p>	<p>CH.- ACCOUNTING RATIOS</p>	<p>18</p>	<p>Accounting Ratios:- Meaning, Objectives, Advantages, classification and computation of all types of Accounting Ratios:</p>	<p>To make them understand about Accounting Ratios. Develop the understanding for calculation of all types of Accounting Ratios:</p>	<p>Students can explain about Accounting Ratios.</p> <p>They can classify Accounting Ratios.</p> <p>Students can calculate all types of Accounting Ratios.</p>
<p>NOVEMBER</p>	<p>CH.- CASH FLOW STATEMENT:</p>	<p>12</p>	<p>Cash Flow Statement: Meaning and Objectives. Format and Preparation of numerical questions. Classification of Activities and preparation with adjustment</p>	<p>Develop the understanding of preparation of cash flow statement. Teach them about how to find out net profit before tax and extraordinary items. Develop the understanding for finding operating profit before changes in working capital. Teach them about preparation of Cash Flow Statement with adjustments.</p>	<ol style="list-style-type: none"> 1. Students can explain about Cash Flow Statement. 2. They can explain about Operating, Investing and Financing Activities. They can compare between Operating, Investing and Financing Activities. 4. Students can find the amount net profit before tax and extraordinary items. 5. They can find out operating profit before changes in working capital.

SURENDRANATH CENTENARY SCHOOL, RANCHI
SESSION-2026-27
ANNUAL PEDAGOGICAL PLAN
CLASS XII

Subject: Business Studies
Book: NCERT BUSINESS STUDIES TEXTBOOK FOR CLASS XII

MONTH	CHAPTER	NO. of Periods	TOPICS	LEARNING OBJECTIVES	LEARNING OUTCOMES
	24		<ul style="list-style-type: none"> • Week 1: Principles and Functions of Management: - (1) Nature and Significance of Management - Concept, Objectives and Importance. /Planning Concept, Importance and Limitations. (Neha) Week 2: Management as a Science, as an Art and as a Profession. • Week 3: Nature and Significance of Management- Levels of Management and Functions. 	<p>Learning Objectives:</p> <ul style="list-style-type: none"> ➤ To make them understand about- management ➤ To teach them about objectives and importance of management. ➤ Comparison of Effectiveness and Efficiency. ➤ Enhance their knowledge about management with their features. ➤ Encourage learners to find the uses of management! ➤ Learn and research difference companies' management. 	<ol style="list-style-type: none"> 1. Students are able to know the concept of management. 2. Students can differentiate between Effectiveness and Efficiency. 3. Students can explain importance of management. 4. They can how management is a pervasive. 5. Students can explain three dimensions of management. 6. Develop creativity among students by researching different company's management system. Students are able to know the levels of management. 7. Students can compare functions of three levels of <ol style="list-style-type: none"> 1. Students are able to know the principles of management. 2. Students can explain the importance of principles of management. 3. Students can explain that

		<p>Coordination-concept and importance. / Planning (Neha M.) Planning Process. Types of Plans</p> <ul style="list-style-type: none"> Week 4: Principles of Management concept and Significance. Fayol's Principles. / Planning (Neha M.) Planning - Types of Plans. <p>ACTIVITY- 1 In A4 sheet, Levels of management will be written according to hierarchy followed in school. (ART INTEGRATED) <u>Experiential Learning:</u> Skills:</p> <p>ACTIVITY -2 Skills:</p>		<p>management.</p> <p>8. Students can explain what are the roles play by three levels of management helps in achieving organisational goal.</p> <p>9. They can know the interrelationship between three levels of management.</p> <p>10. Students can explain the five functions of management.</p>	<p>how management principle developed.</p> <p>4. They can know about Fayol's- known as Father of Management</p> <p>5. Students can explain the contribution of Fayol's in management.</p> <p>6. Students can explain Principle of Division of Work and Authority and Responsibility.</p>
JULY	CH- 6.- STAFFING		<p>Week 1: BUSINES ENVIRONMENT- dimensions- Economic, social, political, economical, legal etc.</p> <ul style="list-style-type: none"> Week 2: BUSINESS 	<p>Learning objectives :</p> <ul style="list-style-type: none"> ➤ To teach them concept of business environment ➤ To make them understand 	<p>1.Students are able to explain about Business Environment.</p> <p>2. Students can explain the internal and external forces of Business Environment.</p> <p>3. They can explain the natures and features of Business</p>

	<p>CH.-7 DIRECTING</p> <p>SDG- (11 and 10) Sustainable cities and communities Reduced inequalities</p>	32	<p>ENVIRONMENT- Impact of Government Policy changes on business- LPG/ Organising- Delegation and decentralisation- concept and importance.</p> <ul style="list-style-type: none"> • Week 3: Organising: Formal and Informal Organisation. • Week 4: Organising: Formal and Informal Organisation • ACTIVITY : <p>Group discussion-</p> <p><u>Subject Enrichment:</u></p> <p>ACTIVITY --2 <u>Art Integrated:</u> Skills: Creative Thinking ACTIVITY-3 <u>Subject Enrichment:</u></p>	<p>significance of business environment</p> <ul style="list-style-type: none"> ➤ Enhance their knowledge about dimension of business environment ➤ Learn and research about LPG <p>To teach them about demonetisation</p>	<p>Environment.</p> <ol style="list-style-type: none"> 4. Students can explain about importance of Business Environment. 5. Students can explain how Business Environment provide threats as well as opportunities for the businessman. 6. Students are able to explain about dimensions of business environment. 7. Students can explain aspects of political, technological and legal environment. 8. They can explain the impact of political, technological and legal environment on Business Enterprise. 9. Students can explain about demonetisation. 10. They can explain about impact of demonetisation on business enterprises.
AUGUST	<p>CH- 8- CONTROLLING</p> <p>CH. 9-FINANCIAL MANAGEMENT</p> <p>SDG- 8 and 12 (Decent work and economic growth)</p>	30	<p>Concept of financial management and objective</p> <ul style="list-style-type: none"> • Financial decisions : Financial planning and capitalist structure. fixed and working capital 		<ol style="list-style-type: none"> 1. Students are able to explain about objectives of financial planning. 2. Students can explain that without financial planning company cannot be success. 3. They can explain about importance of financial planning 4. Students can explain that financial planning is the life

	(Responsible consumption and production)				<p>blood for any company.</p> <p>5. Students are able to explain about Fixed and Working Capital.</p> <p>6. Students can explain about Fixed assets and Current assets.</p> <p>7. They can explain about factors affecting for Fixed and Working Capital.</p> <p>8. Students can explain which fund raise for which type of assets.</p>
SEPTEMBER	SDG: 01 (no poverty)	16		<ul style="list-style-type: none"> ➤ To make them understand the concept and significance of staffing ➤ To teach them about role of HRM ➤ To teach them the sources of recruitment ➤ Enhance their knowledge about finance 	
OCTOBER	<p>CH-FINANCIAL MARKET</p> <p>SDG: 08(Decent work and economic growth)</p>	18	<ul style="list-style-type: none"> • Concept of financial and money market-instruments • Stock Exchange and its functions • SEBI – Objectives and Functions 	<ul style="list-style-type: none"> ➤ How financial market helps in growth of an economy <p>To teach them about trading procedure in stock exchange</p> <p>Learning objectives :</p>	<p>1. Students are able to explain about Financial Market.</p> <p>2. Students can explain about Money Market.</p> <p>3. They can explain about instruments of Money Market.</p> <p>4. Students can explain how a company can meet their short-term financial needs through</p>

<p>OCTOBER AND NOVEMBER</p>	<p>MARKETING MANAGEMENT</p>	<p>20</p>	<p>Concept of Marketing Functions of Marketing Elements of Marketing- 4 P's</p>	<ul style="list-style-type: none"> ➤ To teach them concept of marketing ➤ To make them understand marketing philosophies ➤ To make them understand concept of marketing means <p>To teach them about 4 P's</p>	<p>money market</p> <p>5. Students are able to explain about Primary Market and Secondary Market.</p> <p>6. Students can explain how a company can issues security in capital market.</p> <p>7. They can explain how a company can fulfil their long-term financial needs through capital market.</p> <p>8. Students can explain about instruments of capital market.</p> <p>9. They can compare Primary Market and Secondary Market.</p> <p>10. They can also compare money market and capital market.</p>
<p>NOVEMBER</p>	<p>CH- CONSUMER PROTECTION</p> <p>SDG:10 and11(reduced inequalities) (sustainable cities and communities)</p>	<p>12</p>	<ul style="list-style-type: none"> • exchange, Consumer Protection Act , 2019 <p>/</p> <p>ACTIVITY1- Stock exchange (broker house visit) (ExperientialLearning)</p> <p>ACTIVITY --2</p> <p><u>Art Integrated:</u></p> <p>Skills: Creative Thinking</p> <p>ACTIVITY-3</p> <p><u>Subject Enrichment:</u></p>	<ul style="list-style-type: none"> ➤ To make them understand about Consumer Protection Act, 2019 ➤ To make them understand who can file a complaint and against whom ➤ To teach them how to examine the remedies available to the consumers under Consumer Protection Act, 2019 	

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CLASS XII

Subject: ECONOMICS		Book : NCERT , SANDEEP GARG				
Subject Code:(030)						
Month	Chapter s	No. Of Pd	Topics	Learning Objective	Learning Outcome	UT/PT/T1
APRIL	MACRO - NATIONAL INCOME AND RELATED AGGREGATES SDG 8: Decent work and Economic growth	21	<ul style="list-style-type: none"> ● An introduction- scope and significance of macroeconomics, basic concepts, classification of goods, concept and component of consumption and expenditure. ● Concepts and components of investment, stock and flow, four sectors of economy, circular flow of income, domestic and national concept of income, concept of national income. ● Gross and Net concepts, market price and factor costs. ● Aggregates related to national income, nominal and real GDP and welfare, Methods of calculating national income- value added, income and expenditure method. 	To enable the learners: <ul style="list-style-type: none"> □ Identify basic concepts as flow of money between household and firms. □ Compare between definitions and components of GNI and GDP and recognise them as measures of national income. □ Locate different between nominal and real GDP. □ Recognise various methods of calculating of national income- value added, income and expenditure method. □ Differentiate between national income, saving, consumption and investment. □ Learners will be able to measure income by adding the pre-tax income generated by the individuals and companies in the economy. □ Learners will also be helped in formulating policies for economic development 	Learners will be able to: <ul style="list-style-type: none"> □ Recognise basic concepts as flow of money between household and firms. □ Analyse between definitions and components of GNI and GDP and recognise them as measures of national income. □ Able to differentiate between nominal and real GDP. □ Able to solve by implementing the formulas calculating of national income- value added income and expenditure method. □ Comparison between national income, saving, consumption and investment. □ Able to calculate income by adding the pre-tax income generated by the individuals and companies in the economy. □ Learners will be able to formulate policies for economic development. 	

MAY	CH-MONEY AND BANKING SDG 8; Decent work and Economic growth	10	<ul style="list-style-type: none"> • Meaning and evolution of money, forms of money. • Supply of money, measurement of money supply. • Introduction, types of banks, money creation by the commercial bank, and control of money supply / credit supply by central bank in India. 	<ul style="list-style-type: none"> <input type="checkbox"/> Learner will be provided with an introduction of money and its evolution through explanation of barter exchange. <input type="checkbox"/> Identify various theories of money supply and money demand. <input type="checkbox"/> Identify the working of monetary policy. <input type="checkbox"/> Identify the meaning and functions of central and commercial banks. <input type="checkbox"/> Identify the facilities provided by commercial banks. <input type="checkbox"/> Identify the money creation by commercial bank. <input type="checkbox"/> Recognise the measures to control money supply. 	<ul style="list-style-type: none"> <input type="checkbox"/> Learner will recognise the meaning of money and its evolution through explanation of barter exchange. <input type="checkbox"/> Recognise various theories of money supply and money demand. <input type="checkbox"/> Implement the working of monetary policy. <input type="checkbox"/> Recognise the meaning and functions of central and commercial banks. <input type="checkbox"/> Recognise the facility provided by commercial banks. <input type="checkbox"/> Analyse the money creation by commercial bank. <input type="checkbox"/> Recognise the measures to control money supply. 	
	CH-INDIAN ECONOMY ON THE EVE OF INDEPENDENCE SDG 1: No Poverty	05	<ul style="list-style-type: none"> • Indian economy on the eve of independence, low level of economic development under the colonial rule, Agriculture sector, foreign trade, demographic condition, infrastructure. 	<ul style="list-style-type: none"> <input type="checkbox"/> Analyse the state of Indian economy on the eve of independence. <input type="checkbox"/> Discuss the factors that led to the under development and stagnation of the Indian economy. 	<ul style="list-style-type: none"> <input type="checkbox"/> Compare the state of Indian economy on the eve of independence. <input type="checkbox"/> Relate the factors that led to the under development and stagnation of the <input type="checkbox"/> Recognise the common goals of five year Plans. 	
JUNE	CH-INDIAN ECONOMY (1950-1991)	05	<ul style="list-style-type: none"> • Introduction, goals of Five years Plans, Agriculture, industry and trade, trade policy, import substitution. • Indian economy during reforms- an assessment, conclusion, introduction, background, liberalisation, 	<ul style="list-style-type: none"> <input type="checkbox"/> Indian economy recognise the common goals of five year Plans. <input type="checkbox"/> Identify the background of the reforms policies introduced in India in 1991. <input type="checkbox"/> Identify the mechanism through which reforms were introduced. 	<ul style="list-style-type: none"> <input type="checkbox"/> Learners are able to relate the five- years plan with the developmental strategies of our country. <input type="checkbox"/> Able to relate the background of the reforms policies introduced in India in 1991. 	<p>UT-1 29.06.26 Ch-3: (Macroeconomics)</p>

	SDG 1: No Poverty		privatisation and globalisation.	<input type="checkbox"/> Comprehend the process of globalisation and its implications for India.	<input type="checkbox"/> Recognise the mechanism through which reforms were introduced. <input type="checkbox"/> Relate the process of globalisation and its implications for India.	Ch-4: (Macroeconomics) Ch-1 (I.E.D)
	CH-INDIAN ECONOMIC DEVELOPMENT – LPG : AN APPRAISAL.	06	<ul style="list-style-type: none"> Indian economy during reforms- an assessment, conclusion, introduction, background, liberalisation, privatisation and globalisation. 	<input type="checkbox"/> Identify the mechanism through which reforms were introduced. <input type="checkbox"/> Comprehend the process of globalisation and its implications for India.	<input type="checkbox"/> Able to relate the background of the reforms policies introduced in India in 1991. <input type="checkbox"/> Recognise the mechanism through which reforms were introduced. Relate the process of globalisation and its implications for India.	
JULY	CH-HUMAN CAPITAL FORMATION SDG 4: Quality Education	06	<ul style="list-style-type: none"> Some essential concept, problems of deficient demand problem of excess demand, measures to correct excess and deficient demand. 	<input type="checkbox"/> Identify the concepts of human resources, human capital formation and human development. <input type="checkbox"/> Recognise the link between investments in human capital. <input type="checkbox"/> Identify the need for government spending on education and health. <input type="checkbox"/> Compare the state of India’s educational attainment.	<input type="checkbox"/> Recognise the concepts of human resources, human capital formation and human development. <input type="checkbox"/> Relate the link between investments in human capital. <input type="checkbox"/> Acquire the need for government spending on education and health. <input type="checkbox"/> Enumerate the state of India’s educational attainment.	PTM 03.07.26
	CH-PROBLEM OF DEFICIENT DEMAND AND EXCESS	07	<ul style="list-style-type: none"> Some essential concept, problems of deficient demand problem of excess demand, measures to correct excess and deficient demand. 	<input type="checkbox"/> Identify the concept and situation of excess and deficient demand. <input type="checkbox"/> Compare the differences between excess and deficient demand. <input type="checkbox"/> Recognise the methods to correct excess demand and deficient demand.	<input type="checkbox"/> Recognise the concept and situation of excess and deficient demand. <input type="checkbox"/> Evaluate the differences between excess and deficient demand. <input type="checkbox"/> Able to solve through methods to correct excess demand and deficient demand.	

	DEMAND					
	CH- PROBLEM OF DEFICIENT DEMAND AND EXCESS DEMAND	07	<ul style="list-style-type: none"> Some essential concept, problems of deficient demand problem of excess demand, measures to correct excess and deficient demand. 	<input type="checkbox"/> Identify the concept and situation of excess and deficient demand. <input type="checkbox"/> Compare the differences between excess and deficient demand. <input type="checkbox"/> Recognise the methods to correct excess demand and deficient demand.	<input type="checkbox"/> Recognise the concept and situation of excess and deficient demand. <input type="checkbox"/> Evaluate the differences between excess and deficient demand. <input type="checkbox"/> Able to solve through methods to correct excess demand and deficient demand.	
AUGUST	CH- GOVERNMENT BUDGET	07	<ul style="list-style-type: none"> Concept of government budget, objectives, structure/ components of budget, budget receipts- revenue and capital receipts, budget expenditure- revenue and capital expenditure, budget deficit. 	<input type="checkbox"/> Identify the various way o reallocations of resources. <input type="checkbox"/> Identify the tax concessions and subsidies. <input type="checkbox"/> Reducing inequalities of income and wealth. <input type="checkbox"/> Compare the difference between revenue and capital receipts. <input type="checkbox"/> Recognise the revenue deficits, fiscal deficits and primary deficit.	<input type="checkbox"/> Recognise the various way o reallocations of resources. <input type="checkbox"/> Able to compute the tax concessions and subsidies. <input type="checkbox"/> Reducing inequalities of income and wealth. <input type="checkbox"/> Analyse the difference between revenue and capital receipts.	UT-2 24.08.26 Ch-5: Ch-6: (MAC) Ch-2, Ch-3: (IED) PTM 22.08.26
	CH- BALANCE OF PAYMENTS SDG 17: Partnerships for the goals	07	<ul style="list-style-type: none"> Introduction and meaning of balance of payment (BOP), components/ structure of BOP account: current, capital and official reserve account, equilibrium and disequilibrium in BOP- BOP deficit. 	<input type="checkbox"/> Identify the levels of international economic activity. <input type="checkbox"/> Examine the economic relationships underlying the two basic sub- components of BOP.	<input type="checkbox"/> . Recognise the levels of international economic activity. <input type="checkbox"/> Evaluate the economic relationships underlying the two basic sub- components of BOP.	
	CH- RURAL DEVELOPMENT	06	<ul style="list-style-type: none"> Introduction – rural development, credit and marketing in rural areas, 	<input type="checkbox"/> Recognise the state of rural areas in our country.	<input type="checkbox"/> . Recognise the state of rural areas in our country.	

	OPMENT		agriculture market system, diversification into productive activities, organic system.	<input type="checkbox"/> Identify the sectors need to be developed for rural development. <input type="checkbox"/> To develop the farm, home, public service and village community.	<input type="checkbox"/> Compare the sectors need to be developed for rural development. <input type="checkbox"/> Compute the farm, home, public service and village community.	
SEPTEMBER	CH-EMPLOYMENT	06	<ul style="list-style-type: none"> • Employment growth, in formalisation and other related issues, worker and employment, participation of people in employment, self employed and hired worker, employment in firm, factories and offices, growth and change in structure of employment, in formalisation of Indian work force, unemployment government generations, conclusion. 	<input type="checkbox"/> Identify few basic concepts relating to employment such as economic activity. <input type="checkbox"/> Identify the nature of participants of men and women in various economic activities.	<input type="checkbox"/> Recognise few basic concepts relating to employment such as economic activity. <input type="checkbox"/> Able to know the nature of participants of men and women in various economic activities.9	PRACTICE TEST-1: 02/09/26 CH- 3 and 4 (MACRO) CH- 1 TO 3 (IED) TERM I EXAM- 17/09/26 CH- 1 TO 9 (MACROECONOMICS) CH- 1 TO 6 (IED)
		06	<ul style="list-style-type: none"> • Revision of the CH- 3, 4 , 5 ,6 (MACRO) and CH- 1,2, 	<input type="checkbox"/> Learners will recall the knowledge gain by revising the chapter's taught.	<input type="checkbox"/> Learners were able to answer the questions given to them	

OCTOBER	CH-ENVIRO NMENT AND SUSTAI NABLE DEVEL OPMEN T	07	<ul style="list-style-type: none"> ● Introduction, environment definition and functions, state of India's environment, sustainable development, strategies for sustainable development, conclusion. ● Puja Vacation. 	<ul style="list-style-type: none"> □ Identify the techniques to restrain the use of natural resources to ensure their availability for future generations. □ Identify the importance of protecting the environment from getting exploited 	<ul style="list-style-type: none"> □ Recognise the techniques to restrain the use of natural resources to ensure their availability for future generations. □ Recognise the importance of protecting the environment from getting exploited. 	PRACTICE TEST -2 14/10/26 CH-10 TO 12 (MACRO) CH- 7,9,10 (IED)
	CH-DEVEL OPMEN T EXPERI ENCES OF INDIA: A COMPA RISON WITH NEIGHB OURS	05	<ul style="list-style-type: none"> ● Introduction, developmental path- a snap shot view, demographic indicator, gross domestic product and sectors, indicators of human development, development strategies- An Appraisal, Conclusion. ● Revision of unit- 1,2 (Macro) ● Revision of unit- 3, 4, 5(Macro) 	<ul style="list-style-type: none"> □ Able to figure out the trends in various economic and human development indicators of India and its neighbours. □ Assess the strategies of their governance of the countries. 	<ul style="list-style-type: none"> □ Able to judge the trends in various economic and human development indicators of India and its neighbours. □ Able to assess and judge the strategies of their governance of the countries. 	
NOVEMBER		05	<ul style="list-style-type: none"> ● Revision of unit- 1,2 (Macro) ● Revision of unit- 3, 4, 5(Macro) 	<ul style="list-style-type: none"> □ Able to identify the formula used for solving the questions. □ Able to identify the way of framing the theoretical answer. 	<ul style="list-style-type: none"> □ Able to solve the questions using the appropriate formula. □ Able to write the theoretical answer. 	PRE-BOARD 1 COMPLETE SYLLABUS
DECEMBER		15	<ul style="list-style-type: none"> ● Revision of unit- 6,7(IED) ● Revision of unit- 7, 8 (IED) ● Revision of unit- 6, 7 (Macro). <p>PRE- BOARD-2 BEGINS</p>	<ul style="list-style-type: none"> □ Able to figure out the trends in various economic and human development indicators of India and its neighbours. <p>Assess the strategies of their governance of the countries</p>	<ul style="list-style-type: none"> □ Able to judge the trends in various economic and human development indicators of India and its neighbours. <p>Able to assess and judge the strategies of their governance of the countries.</p>	PRE- BOARD 2 COMPLETE SYLLABUS PTM

JANUARY			<ul style="list-style-type: none">• BOARD PRACTICAL EXAMINATION			
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SURENDRANATH CENTENARY SCHOOL
SESSION – 2026-27
ANNUAL PEDAGOGICAL PLAN
CLASS XII

Subject : ENTREPRENEURSHIP Books : NCERT - ENTREPRENEURSHIP
Subject Code: 066

Month	Chapter	No. of periods	Topics	Learning Objective	Learning Outcome	UT/PT/HY Pre-Board I&II
APRIL	ENTREPRENEURIAL OPPORTUNITY	24	<ul style="list-style-type: none"> • SENSING ENTREPRENEURIAL OPPORTUNITIES • ENVIRONMENT SCANNING • PROBLEM IDENTIFICATION • SPOTTING TRENDS • CREATIVITY AND INNOVATION • SELECTING THE RIGHT OPPORTUNITY 	<ul style="list-style-type: none"> • UNDERSTAND THE CONCEPT AND ELEMENTS OF BUSINESS OPPORTUNITY • UNDERSTAND THE FACTORS INVOLVED IN SENSING OPPORTUNITY • ENLIST VARIOUS FACTORS INVOLVING BUSINESS OPPORTUNITY • UNDERSTAND THE MEANING OF IDEA FIELDS • ENLIST VARIOUS SOURCES OF IDEA FIELDS • UNDERSTAND THE TECHNIQUE OF TRANSFORMATION OF IDEAS INTO OPPORTUNITIES • UNDERSTAND WHAT IS TREND SPOTTING • ELABORATE ON THE CREATIVE AND INNOVATIVE PROCESSES 	<ul style="list-style-type: none"> • ELABORATE VARIOUS CONCEPTS OF BUSINESS • THEY WILL BE ABLE TO SENSE AND UNDERSTAND VARIOUS BUSINESS OPPORTUNITY CONCEPTS • THEY WILL KNOW AND APPLY THE METHODOLOGY IN BUSINESS ENVIRONMENT SCANNING • THEY WILL BE ABLE TO EXPLORE VARIOUS IDEA SOURCES • THEY WILL UNDERSTAND THE TECHNIQUE OF HOW TO TRANSFORM IDEA INTO OPPORTUNITY • THEY WILL BE ABLE TO SPOT ANY FORM OF TREND • THEY WILL BE ABLE TO EXPLORE CREATIVE PROCESS 	

MAY	ENTREPRENEURIAL PLANNING	17	<ul style="list-style-type: none"> • Forms of business entities. • Creating the plan • Business Plan, Human Resource Planning • Organizational Plan, Financial 5. Marketing Plan Marketing Plan, • Operational Plan • Formalities of starting a business (Assignment) 	<ul style="list-style-type: none"> • Enlist the type of economic activities • Understand the forms of business organization • Understand the meaning of business plan • Understand the format of business plan • Understand the organizational plan • Understand the production plan • Understand the human resources plan • Understand the operational plan • Understand the financial plan • Understand the marketing plan • Enlist the various formalities required for starting a business 	<ul style="list-style-type: none"> • Students will get a brief knowledge about various business forms. • They will be able to make a comprehensive business plan • Students will be able to design their own business plan. 	<p>UNIT TEST 1</p> <p>04.05.2026</p> <p>ENTREPRENEURIAL OPPORTUNITY</p>
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JUNE	ENTERPRISE MARKETING	17	<ul style="list-style-type: none"> • Goals of Business, SMART GOALS • Marketing and Sales Strategy. • Branding: logo, brand name, tagline • Promotion Strategy • Vendor Management, quality control • Business Failure and Reasons 	<ul style="list-style-type: none"> • Understand what are goal–setting and SMART goals • Enlist the various marketing strategies used in a firm • Understand in detail the 4P’s of marketing • Enlist the various selling strategies used in a firm • Understand the various concepts like brand, logo and tagline • Understand the meaning and methods of negotiation • Understand the importance of customer • Understand the importance of employee and vendor management in a firm • Understand the importance of quality in customer satisfaction • Enumerate the various reasons for business failure 	<ul style="list-style-type: none"> • Forms of Business: students will learn all various formats of business. • Business Plan: students will be able to learn to conduct primary surveys and analyze the data to interpret and create solutions for real life branding and marketing solutions. [APPLY, ANALYSE, CREATE] • Entrepreneurial Opportunity: Students will learn to sense the opportunity by scanning the business environment thus creating idea fields which will help them in creative and innovative process and thinking pattern. • Marketing Strategy: Students will learn to draw and create innovative marketing strategies and formulate new business brands, logo and tagline having customer interaction and vendor management knowledge. • Promoting a conducive work environment: With an start up eco system created students will gain interest and develop a keen challenge to bring out new findings and for not only the new products but existing products as well. This will boost the sense of confidence and achievement for the real life business world and also will sensitize them towards rural 	
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<p>JULY & AUGUST</p>	<p>ENTERPRISE GROUP & PROJECT COMPLETION</p>	<p>48</p>	<ul style="list-style-type: none"> • Franchising. • Merger and acquisition. • Value chain • Moving up the value chain 	<ul style="list-style-type: none"> • Explain in detail about franchising • Franchising. • Merger and acquisition. • Value chain • Moving up the value chain • Understand the types of franchising • Understand how growth of a firm is possible through mergers and acquisitions • Enlist the types of mergers • Elaborate on the meaning and types of acquisitions • Understand the reasons for mergers and acquisitions • Understand the reasons for failure of mergers and acquisitions • Explain the concept of value addition • Understand the meaning of value chain • Understand the requirements for value chain management 	<ul style="list-style-type: none"> • Cultivating the thoughts on expansion methods in real life scenarios • Knowing about franchising • Identifying and strategizing new selling techniques of the brand. • Importance of expansion on the basis of : <ul style="list-style-type: none"> • Merger. • Acquisition • Value chain system. • Types of franchising. • Reasons for failure of merger and acquisition. • Marketing Strategy: Students will learn to draw and create innovative marketing strategies and formulate new business brands, logo and tagline having customer interaction and vendor management knowledge. • Power of Knowledge: With an start up eco system created students will gain interest and develop a keen challenge to bring out new findings and for not only the new products but existing products as well. This will boost the sense of confidence and achievement for the real life business world and also will sensitize them towards future 	<p>UNIT TEST 2</p> <p>27.07.2026</p> <ul style="list-style-type: none"> • ENTERPRISE PLANNING • ENTERPRISE MARKETING
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September '26	REVISION					PRACTICE TEST 1 03.09.2026 <ul style="list-style-type: none">• ENTREPRENEU RIAL OPPORTUNITY• ENTERPRISE PLANNING• ENTERPRISE MARKETING Half Yearly Exam 17 th September to 30 th September <ul style="list-style-type: none">• ENTREPRENEU RIAL OPPORTUNITY• ENTERPRISE PLANNING• ENTERPRISE MARKETING• ENTERPRISE GROWTH STRATEGIES
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<p>October '26</p>	<p>RESOURCE MOBILISATION</p>	<ul style="list-style-type: none"> • Unit of sale, unit cost , unit price for multiple commodity. • Break Even Analysis for multiple products. • Cash Flow Management. • Budgeting and managing of finances. • Computation of working capital. • Economic order quantity. • Return on Investment (ROI) • Return on Earning (ROE). <ul style="list-style-type: none"> • Angel Investors • Venture Capital Funds • Stock Market raising funds • Specialised financial institutions 	<ul style="list-style-type: none"> • Understand the concept of unit price • Calculate Break even point for Multiple products • Understand the meaning of inventory control and Economic Order Quantity • Enumerate the meaning of cash flow projection • Explain the concept of working capital • Understand the terminologies- financial management and budgets • Calculate Return on Investment • Explain the concept of Return on Equity <ul style="list-style-type: none"> • Understand the various sources of funds required for a firm • Raising funds through financial markets • Understand the method of floatation for new issue • Understand the relevance of stock exchange as a medium through which funds can be raised • Understand the role of SEBI • Explain the concept of angel investors <p>Explain the concept of venture capital</p>	<ul style="list-style-type: none"> • Financial Strategy: Students will learn to draw and create innovative financial strategies and formulate new business, having customer interaction and vendor management knowledge. • Empathy: With an start up eco system created students will gain interest and develop a keen challenge to bring out new findings and for not only the new products but existing products as well. This will boost the sense of confidence and achievement for the real life business world and also will sensitize them towards future challenges and opportunities. <ul style="list-style-type: none"> • Financial Strategy: Students will learn to draw and create innovative financial strategies and formulate new business, having customer interaction and vendor management knowledge. • Empathy: With an start up eco system created students will gain interest and develop a keen challenge to bring out new findings and for not only the new products but existing products as well. This will boost the sense of confidence and achievement for the real life business 	<p>Practice Test 2 27/10/26</p> <ul style="list-style-type: none"> • ENTERPRISE GROWTH STRATEGIES • BUSINESS ARITHMETIC
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November '26	Revision	05	Conduct Practical for Pre Board Exam I			Pre Board I 12 th November onwards Complete Syllabus
December '26	Revision		Conduct Practical for Pre Board Exam II			Pre Board II 19 th December onwards Complete Syllabus
January '27	Revision		Conduct Practical for CBSE-SSCE Examination 2027			
February '27			Board Examination 2027			
March '27			Board Examination 2027			

SURENDRANATH CENTENARY SCHOOL, RANCHI
ANNUAL PEDAGOGICAL PLAN (2026-2027)

CLASS: XII SUBJECT: APPLIED MATHEMATICS (241) BOOKS : APPLIED MATHEMATICS- RD SHARMA						
MONTH	CHAPTER	No. of Period	TOPICS	LEARNING OBJECTIVES	LEARNING OUTCOME : Students will be able to	UT/PT/T1
APRIL	ALGEBRA Matrices &Determinants	15	Types of matrices Equality of matrices Addition of matrices Operations of matrices Singular matrix Determinants Inverse of a matrix Simultaneous linear equations	<ul style="list-style-type: none"> • The entries, rows and columns of matrices • Present a set of data in a matrix form Examples of transpose of matrix • A square matrix as a sum of symmetric and skew symmetric matrix • Observe that diagonal elements of skew symmetric • matrices are always zero • Addition and Subtraction of matrices • Multiplication of matrices (It can be shown to the students that Matrix multiplication is similar to multiplication of two polynomials) <ul style="list-style-type: none"> • Multiplication of a matrix with a real number • Singular matrix, Non-singular matrix • $AB = A B$ <ul style="list-style-type: none"> • Simple problems to find determinant value • Inverse of a matrix using: cofactors . <p>Solution of system of simultaneous equations upto three variables only (non-homogeneous equations) Critical Thinking Practical-Use of Spreadsheet to solve daily life problems using matrix multiplication.</p>	<ul style="list-style-type: none"> • Define matrix • Identify different kinds of matrices Find the size order of matrices • Determine equality of two matrices • Write transpose of given matrix • Define symmetric and skew symmetric matrix • Perform operations like addition & subtraction on matrices of same order • Perform multiplication of two matrices of appropriate order • Perform multiplication of a scalar with matrix • Find determinant of a square matrix <p>Solve the system of simultaneous equations using</p> <ul style="list-style-type: none"> • Cramer's Rule • Inverse of coefficient matrix • Formulate real life problems into a system of simultaneous equations 	UT 1(04/5/26) 1.Matrices and Determinant 2.Calculus Upto second order derivatives

	CALCULAS Derivatives up to second order	05	Second order derivatives Parametric and Implicit functions and their derivatives	Simple problems based on higher order derivatives <ul style="list-style-type: none"> Differentiation of parametric functions and implicit functions (upto 2nd order) 	Determine second order derivatives Understand differentiation of parametric functions and implicit functions	
MAY	Application of Derivatives	12	Rate of change Marginal Cost and Marginal Revenue using derivatives Increasing /Decreasing Functions	To find the rate of change of quantities such as area and volume with respect to time or its dimension. Examples related to marginal cost, marginal revenue, etc. Simple problems related to increasing and decreasing behaviour of a function in the given interval	Determine the rate of change of various quantities Define marginal cost and marginal revenue <ul style="list-style-type: none"> Find marginal cost and marginal revenue. Determine whether a function is increasing or decreasing Determine the conditions for a function to be increasing or decreasing	
JUNE	SDG 4 Quality education PROBABILITY DISTRIBUTION	6 6	Maxima and Minima Probability Distribution Mathematical Expectation Variance	A point $x = c$ is called the critical point iff is defined at c and $f'(c) = 0$ or f is not differentiable at c To find local maxima and local minima by: i) First Derivative Test ii) Second Derivative Test Contextualized real life problems Group Discussion- How to find critical points of the functions. Definition and example of discrete and continuous random variable and their distribution The expected value of discrete random variable as summation of product of discrete random variable by the probability of its occurrence Questions based on variance and standard deviation.	Determine critical points of the function <ul style="list-style-type: none"> Find the point(s) of local maxima and local minima and corresponding local maximum and local minimum values Find the absolute maximum and absolute minimum value of a function Understand the concept of Random variables and its Probability Distributions Find probability distribution of discrete random variable Apply arithmetic mean of frequency distribution to find the expected value of a random variable Calculate the Variance and S.D. of a random variable.	

<p>JULY</p>	<p>SDG 10 Reduced inequalities</p> <p>NUMBERS, QUANTIFICATION</p>	<p>12</p> <p>14</p>	<p>Binomial Distribution</p> <p>Poisson Distribution</p> <p>Normal Distribution</p> <p>Modulo Arithmetic</p> <p>Congruence Modulo</p> <p>Alligation and Mixture</p> <p>Boats and Streams (upstream and downstream) Pipes and Cisterns</p>	<ul style="list-style-type: none"> • Characteristics of the binomial distribution • Binomial formula: $P(r) = {}_n C_r p^r q^{n-r}$ Where n = number of trials P = probability of success , q = probability of failure <p>Characteristics of Poisson Probability distribution</p> <ul style="list-style-type: none"> • Poisson formula: $P(x) = \frac{\lambda^x}{x!} e^{-\lambda}$ Mean = Variance = λ <p>Characteristics of a normal probability distribution</p> <ul style="list-style-type: none"> • PROJECT-Prepare a questionnaire to collect information about money spent by your friends in a month on activities like travelling, movies , recharging of the mobiles, etc. and draw interesting conclusions • Definition and meaning <p>Introduction to modulo operator Modular addition and subtraction</p> <ul style="list-style-type: none"> • Definition and meaning • Solution using congruence modulo Equivalence class • Meaning and Application of rule of alligation Mean price of a mixture <p>Problems based on speed of stream and the speed of boat in still water</p> <ul style="list-style-type: none"> • Calculation of the portion of the tank filled or drained by the pipe(s) in unit time 	<p>Identify the Bernoulli Trials and apply Binomial Distribution</p> <ul style="list-style-type: none"> • Evaluate Mean, Variance and • S.D of a binomial distribution <p>Understand the Conditions of Poisson Distribution</p> <ul style="list-style-type: none"> • Evaluate the Mean and Variance of Poisson distribution <ul style="list-style-type: none"> • Understand normal distribution is a Continuous distribution • Evaluate value of Standard normal variate • Area relationship between Mean and Standard Deviation • • • • Define modulus of an integer Apply arithmetic operations using modular arithmetic rules • Define congruence modulo Apply the definition in various problems • Understand the rule of alligation to produce a mixture at a given price <ul style="list-style-type: none"> • Determine the mean price of a mixture , Apply rule of allegation Distinguish between upstream and downstream <p>Determine the time taken by two or more pipes to fill or empty the tank</p>	<p>UT 2(27/7/26)</p> <p>1.Probability distribution 2.Numbers and quantification</p>
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			<p>Races and Games</p> <p>Numerical Inequalities</p>	<p>Calculation of the time taken/ distance covered / speed of each player</p> <ul style="list-style-type: none"> • Comparison between two statements/situations which can be compared numerically <p>Application of the techniques of numerical solution</p> <ul style="list-style-type: none"> • PROJECT-Prime numbers and divisibility rules. 	<p>Compare the performance of two players w.r.t. time, distance</p> <ul style="list-style-type: none"> • Describe the basic concepts of numerical inequalities <p>Understand and write numerical inequalities</p>	
AUGUST	<p>LINEAR PROGRAMMING</p> <p>SDG 9 Industry, Innovation and Infrastructure Quality education</p> <p>INDEX NUMBERS AND TIME BASED DATA</p>	<p>12</p> <p>10</p>	<p>Mathematical formulation of Linear Programming Problem</p> <p>Different types of Linear Programming Problems.</p> <p>Graphical method of solution for problems in two variables</p> <p>Uses of index numbers. Types of index numbers</p>	<p>Advantages and disadvantages of Linear Method Need for framing linear programming problem</p> <ul style="list-style-type: none"> • Definition of Decision Variable, Constraints, Objective function, Optimization and Non Negative <p>LIFE SKILL-Case Study based questions to be practised as assignment</p> <p>Use of t-table</p> <ul style="list-style-type: none"> • Secular trend • Seasonal variation • Cyclical variation <p>Irregular variation</p> <ul style="list-style-type: none"> • Fitting a straight line trend and estimating the value 	<p>Familiarize with terms related to Linear Programming Problem Formulate Linear Programming Problem</p> <ul style="list-style-type: none"> • Identify and formulate different types of LPP <p>Draw the Graph for a system of linear inequalities involving two variables and to find its solution graphically. Set the problem in terms of decision variables, identify the objective function, identify the set of problem constraints, express the problem in terms of inequations Formulate various types of LPP's like Manufacturing Problem, Diet Problem, Transportation Problem, etc. Corner Point Method for the Optimal solution of LPP</p> <ul style="list-style-type: none"> • Iso-cost/ Iso-profit Method <ul style="list-style-type: none"> • Distinguish between different components of time series • Solve practical problems based on statistical data and Interpret the result • Understand the long term tendency <p>Demonstrate the techniques of finding</p>	

<p>SEPTEMBER</p>	<p>FINANCIAL MATHEMATICS</p>	<p>12</p>	<p>Perpetuity, Sinking Funds</p> <p>Calculation of EMI</p> <p>Calculation of Returns, Nominal Rate of Return Compound Annual Growth Rate</p>	<ul style="list-style-type: none"> • The tendency of the variable to increase or decrease over a long period of time • Moving Average method <p>Method of Least Squares</p> <p>Meaning of Perpetuity and Sinking Fund</p> <ul style="list-style-type: none"> • Real life examples of sinking fund • Advantages of Sinking Fund <p>Sinking Fund vs. Savings account</p> <p>Methods to calculate EMI:</p> <ul style="list-style-type: none"> (i) Flat-Rate Method (ii) Reducing balance Method <p>Method □ Real life examples to calculate EMI of various types of loans, purchase of assets, etc.</p> <ul style="list-style-type: none"> • Formula for calculation of Rate of Return, Nominal Rate of Return Formula for Compound Annual Growth Rate 	<p>trend by different methods</p> <p>Explain the concept of perpetuity and sinking fund</p> <ul style="list-style-type: none"> • Calculate perpetuity <p>Differentiate between sinking fund and saving account</p> <ul style="list-style-type: none"> • Explain the concept of EMI <p>Calculate EMI using various methods</p> <ul style="list-style-type: none"> • Explain the concept of rate of return and nominal rate of return • Calculate rate of return and nominal rate of return • Understand the concept of Compound Annual Growth Rate • Differentiate between Compound Annual Growth Rate and Annual Growth Rate <p>Calculate Compound Annual Growth Rate</p> <ul style="list-style-type: none"> • Define the concept of linear method of Depreciation <p>Interpret cost, residual value and useful life of an asset from the given information</p>	<p>1st PRACTICE TEST 3/09/26</p> <ol style="list-style-type: none"> 1. Matrices & Determinant 2. Application of Derivatives 3. Probability Distribution 4. Linear Programming Problem 5. Numbers, Quantification <p>TERM I EXAM</p> <ol style="list-style-type: none"> 1. Numbers, Quantification and Numerical Applications 2. Matrices & Determinants 3. Probability Distribution 4. AOD 5. LPP 6. Index numbers and time based data 7. Financial maths
<p>OCTOBER</p>	<p>SDG 9 Industry, Innovation and Infrastructure</p> <p>CALCULUS Integration</p>	<p>14</p>	<p>Linear method of Depreciation</p> <p>Primitive or antiderivative</p> <p>Methods of integration Fundamental theorem of integral calculus.</p>	<p>Meaning and formula for Linear Method of Depreciation</p> <ul style="list-style-type: none"> • Advantages and disadvantages of Linear Method. <ul style="list-style-type: none"> • Integration as a reverse process of differentiation <p>Vocabulary and Notations related to Integration</p> <p>Simple integrals based on each method (nontrigonometric function)</p> <p>Evaluation of definite integrals using properties</p>	<p>Understand and determine indefinite integrals of simple functions as anti-derivative</p> <p>Evaluate indefinite integrals of simple algebraic functions by method of:</p> <ol style="list-style-type: none"> i) substitution ii) partial fraction iii) by parts 	

<p>NOVEMBER</p>	<p>SDG 8 Decent work & Economic growth</p> <p>Definite Integrals as area under the curve. Differential Equations</p> <p>Differential Eqn.</p> <p>Application of Differential Equations</p>	<p>6</p>	<p>Area as a definite integral.</p> <p>Application of Integration</p> <p>Determining Maximum profit.</p> <p>Solution of differential equations.</p> <p>Application of differential equations</p>	<p>PRACTICAL Using spreadsheet, collect the data on weather, price, inflation, and pollution analyse the data the data .</p> <p>Problems based on finding</p> <ul style="list-style-type: none"> • Total cost when Marginal Cost is given • Total Revenue when Marginal Revenue is given • Equilibrium price and equilibrium quantity and hence consumer and producer surplus <p>Definition, order, degree and examples</p> <p>Formation of differential equation by eliminating arbitrary constants Solution of simple differential equations (direct integration only)</p> <p>Growth and Decay Model in Biological sciences, Economics and business, etc.</p>	<p>Define definite integral as area under the curve Understand fundamental theorem of Integral calculus and apply it to evaluate the definite integral Apply properties of definite integrals to solve the problems</p> <p>Find the order and degree of a differential equation Formulate differential equation Verify the solution of differential equation Solve simple differential equation</p> <p>Define Growth and Decay Model Apply the differential equations to solve Growth and Decay Models</p>	<p>2nd PRACTICE TEST 27/10/26 Linear programmig problem Financial mathematics Integration & its applications</p>
	<p>SDG 11 Sustainable cities and Communities</p> <p>INFERENCEAL STATISTIC</p>		<p>Population and Sample</p> <p>Parameter and statistics</p>	<p>PRACTICAL- Collect data from newspapers on traffic, sports, activities and market trends and use excel to study future</p> <p>Population data from census, economic surveys and other contexts from practical life</p> <ul style="list-style-type: none"> • Examples of drawing more than one sample set from the same population • Examples of representative and non-representative sample 	<ul style="list-style-type: none"> • Define Population and Sample • Differentiate between population and sample • Differentiate between a representative and non-representative sample • Define Parameter with reference to 	<p>PREBOARD I 12/11/26 Complete Syllabus</p>

<p>DECEMBER</p>			<p>t-Test (one sample t-test and two independent group)</p> <p>Application of t- distribution</p>	<ul style="list-style-type: none"> • Unbiased and biased sampling • Problems based on random sampling using simple random sampling and systematic random sampling <p>Conceptual understanding of Parameter and Statistics</p> <ul style="list-style-type: none"> • Examples of Parameter and Statistic limited to Mean and Standard deviation only • Examples to highlight limitations of generalizing results from sample to population • Only conceptual understanding of Statistical Significance/Statistical Inferences • Only conceptual understanding of Sampling Distribution through simulation and graphs <p>Examples and non-examples of Null and Alternate hypothesis (only nondirectional alternate hypothesis)</p> <p>PRACTICAL</p> <p>Using spreadsheet, stock market data sheet on excel.</p>	<p>Population</p> <ul style="list-style-type: none"> • Define Statistics with reference to Sample • Explain the relation between Parameter and Statistic • Explain the limitation of Statistic to generalize the estimation for population • State Central Limit Theorem <ul style="list-style-type: none"> • Define a hypothesis • Differentiate between Null and Alternate hypothesis • Define and calculate degree of freedom • Test Null hypothesis and make inferences using t-test statistics <ul style="list-style-type: none"> • Framing of Null and Alternate hypothesis <p>Testing a Null Hypothesis to make Statistical Inferences for small sample</p>	<p>PREBOARDII (19/12/26) Complete Syllabus</p>
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SURENDRANATH CENTENARY SCHOOL, RANCHI

ANNUAL PEDAGOGICAL PLAN (2026-2027)

Class :XII			BOOKS V.D. Sharma			
SUBJECT Physical Education			Physical Health Education			
(o48)			LAB MANUAL (Blue Print)			
Month	Chapters	No.of Periods	TOPICS	Learning Objective	Learning Out Come	UT/PT/ T-1
April	Management of Sporting Events SDG-8 Decent Work and orgnise idea .	20	1. Various committees and their Responsibilities 2. Advantages of knock out tournaments. Knock out, Combination, League cum knock- out Tournaments. 3. Procedure to draw Fictures: Knock out, 4. Intramural and Extramural, Meaning,	1. To make them understand about various committees and their Responsibilities 2. To make them understand about Tournaments- Knock-out, league or Round Robin and combination. 3. To make them understand about	1. Students will be able to demonstrate the ability to apply on under stand of ethics of the professional arena. 2. Students will be able to demonstrate ability to think critically, to creatively	5 th Subject UT-1 11.05.2026 6 th Subject UT - 1 22.06.2026 Ch. 1 & 2

			<u>objective and their significance</u> Activity -1 Experiential Learning Skills to teach students how to conduct tournament.	Procedure to Draw Fixtures: 4. To make them understand about intramural and Extramural: objectives and their Significance.	problem solve and utilize analysis 3. Students will be able to demonstrate the ability to articulate the global scope of sport and recognize diversity issues in sport.	
May	Sports and nutrition.	10	1. Balance diet and Nutrition Macoro and Micro Nutrition. 2. Nutritive and Non-Nutritive components of diet. 3. Eating to control Healthy body weight the pitfalls of dieting.	1. To make them understand about balanced diet and nutrition: Macro and Micro Nutrients. 2. To make them understand about Nutritive and Non-	1. Students will be able to interpret and apply nutrition concepts to evaluate and improve the nutritional	

			<p>4. Methods to control Healthy body weight the pitfalls of dieting.</p> <p>Activity -1</p> <p>Subject Enrichment:</p> <p>Activity-2</p> <p>Art Integrated Skills</p> <p>Creative Thinking.</p>	<p>nutritive components of Diet.</p>	<p>health of communities.</p> <p>2. Students will be able to improve the nutritional health of individual with medical conditions.</p>	
Jun	Sports and Nutrition	10		<p>3. To make them understand about Eating for Weight control-a Healthy weight, the pitfalls of dieting</p>	<p>3. Students will be able to apply management principles to evaluate human physical and fiscal resources in organization.</p>	
July	Yoga and Lifestyle SDG-3 Good	22	<p>1. Asanas as preventive measures Obesity, Procedure, Benefits</p>	<p>1. To make them understand about Obesity: Procedure,</p>	<p>1. Students will be able to intestate</p>	

	Health and well being		<p>and contraindications for Vajrasana, Pada Hastasana, Urdhva Hastasana, Trikonasana.</p> <p>2. Diabrtes</p> <p>Bhujangasana, Paschimoftanasana, Pawanmuuktasana, Ardhamatseyendrasana.</p> <p>3. Asthma, For Sukhasana, Chakrasana, Gomukhasan, Parvatasana, Ghujangasana. Paschimottanasana,</p> <p>4. Hupertension, for tadasana, Vajrasana, Paeanmuktasana, Ardhachakrasana, Bhujagansan.</p>	<p>Benefits and Contraindication for Vajrasana, Pada Hastasana, Urdhva Hastasana, Trikonasana, Ardhamatseyendrasana.</p> <p>2. To make them understand about Diabets: Procedure, Benefits and Contraindications for Bhujangasana, Pachimottanasana, Pawanmuktasana, Ardhamatseyendrasana.</p> <p>3. To make them understand about Asthma: Procedure, Benefits and</p>	<p>Ayareda to the existin health cure system for promotion prevention and control of non communicable disease.</p> <p>2. Students will be able to reduse during dependency in chromic cases through Ayurveda yoga Practices and lifestyle changes.</p> <p>3. To carry out capacity building of</p>	
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			<p>Activity -1</p> <p>Subject Enrichment</p> <p>Group Discussion</p> <p>Discussion with students topic wise.</p>	<p>Contraindications for</p> <p>Sukhasana,</p> <p>Chakrasana,</p> <p>Gomukhasana,</p> <p>Parvatasana,</p> <p>Bhujangasana,</p> <p>Paschimottanasana,</p> <p>Matsyasana.</p>	<p>human</p> <p>resources.</p>	
Aug	Physical Education and Sports for (CWSN)	20	<p>1. Types of Disability. Their Causes and Nature, Disability, Intellectual disability.</p> <p>2. Types of disorder, their causes and nature (ADHD, SPD, ASD, ODD, OCD)</p> <p>3. Advantages of physical activities for children with special needs.</p>	<p>1. To make them understand about Concept of Disability and Disorder.</p> <p>2. To make them understand about Types of disability, their Causes and Nature (Cognitive Disability, Intellectual Disability,</p>	<p>1. Knowledge about the role of Paralympics for promoting adaptive sports.</p> <p>2. Modified of individualized programme that Ceters to the special needs of disabled students.</p>	<p>5th Subject</p> <p>UT – 2</p> <p>03.08.2026</p> <p>6th Subject</p> <p>UT – 2</p> <p>17.08.2026</p>

			4. Strategies to make physical activities accessible for children. Activity -1			
Sep	Children and Women in Sports	14	<p>1. Motor Development and Factors Affectin, Common Postural Deformities.</p> <p>2. Exercise guidelines at different stages of growth and development, corrective measures for postural, deformities.</p> <p>3. Sports Participation of women in India. Special consideration Dys- function.</p> <p>4. Female Athlete triad (Osteoporosis,</p>	<p>1. To make them understand about Motor Development and Factors Affecting it.</p> <p>2. To make them understand about Exercise Guidelines at Different Stages of Growth and Development.</p> <p>3. Common Postural Deformities- Knock-Knees, Flatroot, Round shoulders, Lordosis, Kyphosis, Bow Legs and Scoliosis</p>	<p>1. Gain knowledge in general metabolic principles, primarily fuel sources for the working muscle during exercise.</p> <p>2. Knowledge of Hydration guidelines for safety and performance and know how to evaluable and monitor hydration status</p>	<p>Half Yearly Exam 17.09.2026</p> <p>5th Subject Practice Test – 1 Ch. 1, 2, 3, 4 & 5 07.09.2026</p> <p>6th Subject Practice Test – 1 Ch. 1, 2, 3, 4 & 5 08.09.2026</p>

			Amenorrhoea and Eating Disorders) Activity -1		3. Understand the role of nutrition in recovery from injuries.	
Oct	Test & Measurement & Physiology.	16	1. Fitness test BMI computing Basal metabolic Rate (BMR) 2. Rikli & Jones. Senior citizen fitness test. 3. Physiological factors determining components fo physical fitness sports injuring 4. Effects of exercise on muscular, cardio respiratory system.	1. To make them understand about Motor Fitness Test 2. To make them understand about General Motor Fitness: Barrow Three-item General Motor Ability (Standing Broad Jump, Zig-Zag Run, Medicine Ball Put-For Boys: 03 kg and for Girls: 01kg) 3. To make them understand about Measurement of	1. Students will learn how to take Friends test SAI Khelo Indian Fitness test in school. 2. Students will learn how to computing Basal metabolic rate (BMR) 3. Students will learn how to take BMI. Flamingo Balance, Plate taping test.	5 th Subject Practice Test – 2 Ch. 6, 7, 8, & 9 28.10.2026 6 th Subject Practice Test – 2 Ch. 6, 7, 8, & 9 29.10.2026

				Cardiovascular Fitness: Harvard Step Test/Rockport Test		
Nov	Biomechanics & Sports. Psychology & Sports. & Training in Sports.	20	<p>1. Newton's law of motion & its application in sports. Equilibrium Dynamic & static centre of gravity Fraction & sports projectile in sports.</p> <p>2. Jung classification & Big five theory. Psychological Attributes in sports. Self Esteem, mental, self talk goal setting, types of Aggression in sports.</p> <p>3. Concept of talent identification and talent development in sports.</p>	<p>1. To make them understand about Meaning and Importance of Biomechanics in Sports.</p> <p>2. To make them understand about Tyes of Movements (Flexion, Extension, Abduction and Adduction)</p> <p>3. To make them understand about Newton's Laws of Motion and Their Application in Sports.</p> <p>4 To make them understand about Personality, its Definition and</p>	<p>1 The Students will be able to describe the core principles of exercise physiology and related exercise.</p> <p>2. The students will identily the principle of chemical exercise physiology, as well as describe the patho physiology of disease and their associated risk factors.</p> <p>3. Students will learn how to use</p>	Pre Board – 1 Ch. 1 to 10 12.11.2026

			<p>Introduction of sports training cycle- Micro meso, Macro cycle</p> <p>Types & Method to develop-strength, Endurance and speed.</p> <p>Types & Method to develop flexibility and coordinative ability.</p>	<p>Types- Trait and Type (Sheldon's and Jung's Classification and Big Five Theory)</p> <p>5. To make them understand about Motivation, its Types and Techniques.</p> <p>6. To make them understand about Exercise Adherence, Reasons to Exercise, Benefits of Exercise.</p>	<p>the Newton's law of motion & application in sports.</p> <p>4. Students will learn how to use the Dynamic & static and centre of gravity and its application in sports.</p> <p>5. Provide facility and preceptor mentorship to produce graduates who are future leader's and outstanding clinicians.</p> <p>6. Contribute to the athletic training profession through the scholarship and leadership of</p>	
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					the facility, staff and students.	
Dec.						Contd.
Jan.						Pre Board - 2 Ch. 1 to 10

SURENDRANATH CENTENARY SCHOOL
SESSION – 2026-27
ANNUAL PEDAGOGICAL PLAN
CLASS XII

Subject – Painting Theory Subject Code: (049)		Book: NCERT Painting For “An Introduction to Indian art-II”				
Month	Chapter	No. of pd.	Topics	Learning Objective	Learning Outcome	UT/ TERM
April 26	L-1 L-2	2	<ul style="list-style-type: none"> ● Manuscript Painting tradition ● Pala Manuscript Painting ● Rajsthani schools of Painting 	<p>To enable the learners to:</p> <ul style="list-style-type: none"> ● Understand the concept of manuscript painting and its importance in Indian art history. Origin and development ● The sub school ● Main features ● Characteristics ● Aesthetics parameters ● Identification of Style and technique ● Mere singing of emotions and moral value. ● Competency based identification of Style and technique. <p>Respect for life</p>	<p>Learners will be able to:</p> <ul style="list-style-type: none"> ➤ Understand the concept of manuscript painting and its importance in Indian art history. ➤ Identify the characteristics of manuscript paintings such as small size, fine lines, bright colours, and detailed decoration. ➤ Recognize different manuscript painting traditions like Jain, Mughal, and Rajput miniature styles. ➤ Analyze the themes and subjects used in manuscript paintings such as religious stories, court scenes, and mythology. ➤ Appreciate the artistic techniques used by traditional painters in 	UT-1 /22.06.26 (L-1,2&3) FM-25

					<p>illustrating manuscripts.</p> <ul style="list-style-type: none"> ➤ Develop aesthetic appreciation for traditional Indian painting styles and cultural heritage. ➤ Compare manuscript painting with other painting traditions of India.. 	
<ul style="list-style-type: none"> • May 26 	<p>L-3 L-4</p>	2	<ul style="list-style-type: none"> • The Mughal schools of Miniature Painting • The Deccani schools of Painting 	<p>To enable the learners to :</p> <ul style="list-style-type: none"> • Original development • Sub-schools • Main features • Characteristic • Aesthetics parameters 	<p>Learners will be able to :</p> <ul style="list-style-type: none"> • Identify the origin and development of Mughal and Deccani miniature painting traditions in India. • Recognize the patronage of Mughal emperors, especially Akbar, Jahangir, and Shah Jahan in the growth of Mughal painting. • Describe the main characteristics of Mughal miniature paintings, such as realism, detailed portraiture, natural scenery, and historical themes. • Explain the features of Deccani miniature paintings, including decorative style, rich colours, imaginative compositions, and influence of Persian and local traditions. 	

					<ul style="list-style-type: none"> • Identify important subjects depicted in Mughal and Deccani paintings like court scenes, royal life, hunting scenes, mythology, and nature. • Compare the stylistic differences between Mughal and Deccani miniature paintings. • Develop aesthetic appreciation and understanding of the cultural and historical importance of these painting traditions in Indian art history. 	
June 26	L-5	2	<ul style="list-style-type: none"> • The Pahari schools Painting 	<p>To enable the learners to :</p> <ul style="list-style-type: none"> • Original development • Sub-schools • Main features • Characteristic ➤ Aesthetics parameters 	<p>Learners will be able to:</p> <ul style="list-style-type: none"> • Identify the origin and geographical area where the Pahari painting tradition developed in the Himalayan hill regions. • Recognize the main centres and styles of Pahari paintings such as Basohli, Guler, and Kangra. • Describe the important themes depicted in Pahari paintings, especially the stories 	

					<p>of Krishna and Radha, as well as scenes from mythology and nature.</p> <ul style="list-style-type: none"> • Explain the main characteristics of Pahari miniature paintings such as soft colours, delicate lines, lyrical beauty, and expressive figures. • Identify important artists associated with the Pahari tradition, including Nainsukh. • Compare the Pahari style with other Indian miniature painting traditions such as the Mughal School of Miniature Painting. <p>➤ Develop appreciation for the cultural and artistic significance of Pahari miniature paintings in Indian art history.</p>	
July 26	L-6	2	<ul style="list-style-type: none"> • Indian National Flag • The Bengal school and cultural Nationalism 	<p>To enable the learners to:</p> <ul style="list-style-type: none"> • Original development • Sub-schools • Main features • Characteristic • Aesthetics parameters 	<p>Learners will be able to:</p> <ul style="list-style-type: none"> • Gain knowledge about • Evolution of the Indian National Flag • The symbolic significance of its for men colours <p>Grow skill</p>	

				<ul style="list-style-type: none"> • Evolution of the Indian National Flag • The symbolic significance of its for men colours 	<p>about Nationalism feelings from Bengal schools Paintings</p>	
August 26	L-7	2	<ul style="list-style-type: none"> • The Mordern Indian art 	<p>To enable the learners to :</p> <ul style="list-style-type: none"> • Understand the concept of Modern Indian Art and its development during the late 19th and 20th centuries. • Identify major artists and their contributions to the development of modern art in India. 	<p>Learner will be able to :</p> <ul style="list-style-type: none"> • Identify the major phases of Modern Indian Art and understand its development during the late 19th and 20th centuries. 	<p>UT –II 17/08/26 (L- 5, 6 & 7) FM-25</p>

				<ul style="list-style-type: none"> • Analyze the characteristics and styles used in modern Indian paintings. • Recognize important artworks and understand their themes, techniques, and cultural significance. • Understand the influence of social, political, and cultural changes on the development of modern Indian art. • Develop the ability to appreciate and interpret modern artworks critically. • Compare different artistic styles and approaches used by modern Indian artists. • Enhance aesthetic sensitivity and visual literacy through the study of modern artworks. 	<ul style="list-style-type: none"> • Recognize important artists such as Raja Ravi Varma, Abanindranath Tagore, Nandalal Bose, and Amrita Sher-Gil. • Describe the characteristics and styles of different modern art movements in India. • Analyze selected artworks in terms of theme, composition, technique, and cultural context. • Understand the role of art institutions and movements such as the Bengal School of Art in shaping modern Indian painting. • Develop appreciation and critical understanding of how Indian artists combined traditional elements with modern ideas. • Compare traditional Indian art with modern artistic expressions to understand artistic transformation. ➤ Express informed opinions about modern Indian artworks and their relevance to contemporary society. 	
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September 26	L-7	2	<p>The Modern Indian Art</p> <ul style="list-style-type: none"> • Painting • Graphic • Sculpture 	<p>To enable the learners to:</p> <ul style="list-style-type: none"> • Identify major developments in Modern Indian Art in the fields of painting, graphic art, and sculpture during the 19th and 20th centuries. • Recognize important artists and their contributions such as Raja Ravi Varma, Nandalal Bose, Jamini Roy, Amrita Sher-Gil, Ramkinkar Baij, and Somnath Hore. • Describe the characteristics and techniques used in modern painting, graphic prints, and sculpture. • Analyze selected artworks in terms of subject matter, composition, form, texture, and artistic style. • Understand the social, cultural, and national influences that shaped modern Indian artistic expressions. • Compare different art forms (painting, graphics, sculpture) and recognize their unique visual language and techniques. <p>Develop aesthetic appreciation and critical thinking while interpreting modern Indian artworks.</p>	<p>Learners will be able to :</p> <ul style="list-style-type: none"> • Identify and recognize important modern Indian artists such as Raja Ravi Varma, Jamini Roy, Amrita Sher-Gil, and Maqbool Fida Husain and their contributions to modern Indian art. • Describe the subject matter and themes of the paintings “Rama Vanquishing the Pride of the Ocean,” “Mother and Child,” “Haldi Grinders,” and “Mother Teresa.” • Analyze the stylistic features such as composition, colour scheme, lines, and forms used in these paintings. • Understand the cultural and social context reflected in the artworks, including mythology, rural life, motherhood, and humanitarian values. • Compare different artistic styles of modern Indian painters and recognize how traditional Indian elements were combined with modern approaches. <p>➤ Develop aesthetic appreciation and critical thinking while</p>	<p>Half yearly -17. 09.26</p> <p>F.M-30</p> <p>CH-1, 2,3, 4, 5, 6 & 7</p>
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					interpreting the meaning and message of these paintings.	
October 26			•	>	➤	Pre-Board -I CH- 1, 2, 3 & 4 FM-30
November 26						Pre Board -II 19.12. 26 CH-5,6&7 FM-30
December 26						
January 27						

SURENDRANATH CENTENARY SCHOOL, RANCHI
ANNUAL PLAN (2026–2027)

CLASS: XII

SUBJECT: Financial Market Management (805)

BOOKS: CBSE Curriculum Materials, NSE Modules

Month	Chapter	No. of Periods	Topic	Learning Objectives	Learning Outcomes	Assessm
April	Financial Planning and Investment	8	Meaning, need for financial planning, investment avenues	Understand importance of financial planning and investment choices	Explain financial goals and identify suitable investment options	Class tes
May	Risk Management and Insurance	7	Types of risks, insurance products, risk mitigation	Learn how to manage financial risks using insurance	Differentiate between insurance products and their uses	Class Te
June	Revision + Integration (Ch 1 & 2)	4	Case studies, MCQs, application-based learning	Apply concepts of planning and risk management	Solve real-life financial problems effectively	UT-1
July	Stock Market Operations	8	Trading process, stock indices, role of brokers	Understand functioning of stock markets	Explain trading mechanism and market indicators	Class Te
August	Derivatives Market	8	Futures, options, hedging, speculation	Learn basics of derivatives and their uses	Differentiate between futures and options and their	UT-2

					applications	
September	Derivatives Market	4	Mock tests, practice papers, revision	Strengthen conceptual clarity	Solve questions with accuracy and confidence	First Practice Test
October	Portfolio Management	6	Portfolio diversification, risk-return trade-off	Understand portfolio construction strategies	Design a balanced investment portfolio	Second practice test
November	Revision (Chapters 1–5) Half yearly Examination	6	Stock market, derivatives, portfolio – case studies Full syllabus	Reinforce advanced concepts	Apply knowledge in practical scenarios	Half year examination Pre board
December	Project Work / Practical File	6	Full syllabus	Apply theoretical knowledge practically	Present and evaluate investment decisions	Pre-board
January	Final Revision	6	Full syllabus revision, PYQs, doubt clearing	Consolidate entire syllabus	Answer questions with clarity and structure	Practical Evaluation