

SYLLABUS FOR MID - SEMESTER 2 (CLASS 11)

2025-2026

Subject	Class XI (Semester 1)
English	Note Making Debate writing Speech writing Poster Making Functional grammar The Laburnum Top The Photograph The Voice of the Rain The Address Discovering Tut
Mathematics	1. Conic section 2. Introduction to 3 D geometry 3. Limits and derivatives
Applied Mathematics	1. Permutations and combinations 2. Compound interest 3. Limits and derivatives 4. Utility Bills
Physics	1. MECHANICAL PROPERTIES OF SOLIDS AND LIQUIDS 2. THERMAL PROPERTIES OF MATTER 3. THERMODYNAMICS 4. KINETIC THEORY OF GAS 5. SIMPLE HARMONIC MOTION
Chemistry	1.Redox 2.Basic Principles in Organic Chemistry 3.Hydrocarbons 4.Thermodynamics
Biology	• Biological classification

	• Biomolecules • Photosynthesis in Higher Plants • Respiration in Plants • Plant Growth and Development • Breathing and Exchange of Gases • Body Fluids and Circulation
Computer Science	Unit 1: Computer Systems and Organisation Boolean logic: NOT, AND, OR, NAND, NOR, XOR, truth tables and De Morgan's laws, Logic circuits Number System: Binary, Octal, Decimal and Hexadecimal number system; conversion between number systems Unit 2: Computational Thinking and Programming - I Strings Lists Tuples Dictionary
Economics	<u>Statistics:</u> • Correlation <u>Microeconomics</u> • Theory of Production and Cost • Revenue and Producer's Equilibrium
Accountancy	1. Bank Reconciliation Statement; 2. Rectification of errors; 3. Depreciation....(Straight Line Method & Written Down Value Method; Provision for Depreciation). 4. Final Accounts with & without Adjustments; 5. Reserves & Provision.
Business Studies	1. Formation of a Company 2. Public, Private and Global Enterprises 3. Business Services

	4. Emerging Modes of Business 5. Social Responsibility of Business and Business Ethics 6. Sources of Business finance.
Entrepreneurship Development	<u>Entrepreneurship (Theory)</u> Unit-1 : Entrepreneurship: Concept and Functions Unit-2 : An Entrepreneur Unit-3 : Entrepreneurial Journey Unit-5 : Concept of Market Unit-6 : Business Arithmetic
Psychology	1) Memory 2) Thinking
Commercial Art	Principal of Art , Element of Art, Pre-Historic Rock Painting, Indus Valley Art, Indian Bronzes Sculpture, Indo - Islamic Architecture, Indian Temple Sculpture.
Legal Studies	1. Judiciary-Constitutional, Civil and Criminal Courts and Process 2. Child Rights 3. Cyber law
Sociology	Book 2 Ch 2. Social Change and Social Order in Rural and Urban Society. Ch3. Environment and Society.
Political Science	1. The Legislature 2. The Judiciary 3. Federalism.
Geography	Book 1 Chapter 7 Composition and Structure of the Atmosphere. Chapter 8 Solar Radiation, Heat Balance and Temperature. Book 2 Chapter 3 Drainage Chapter 5 Natural Vegetation.
History	Topic

	Changing Cultural traditions Paths to Modernization ...Rise of Japan
Financial Markets Management	<u>Employability Skills</u> Unit 1 : Communication Skills Unit 2 : Self-Management Skills Unit 3 : ICT Skills <u>Subject Specific Skills</u> Unit 1: Markets and Financial Instruments Unit 2: Primary and Secondary Market Unit 3: Mutual Funds Products and Features Unit 4: ETFs, Debt and Liquid Funds
Web Application	EMPLOYABILITY SKILLS - Unit 1: Communication Skills-III - Unit 2: Self-Management Skills-III - Unit 3: ICT Skills-III - Unit 4: Entrepreneurial Skills-III SUBJECT SPECIFIC SKILLS - Chapter 2: Website Building Using HTML and CSS - Chapter 3: Multimedia Design Using GIMP - Chapter 4: JavaScript Part 1
Food, Nutrition & Dietetics	UNIT III-PUBLIC HEALTH AND NUTRITION-BASIC CONCEPY UNIT IV-PUBLIC HEALTH AND NUTRITION DISORDER EMPLOYBILITY SKILL COMMUNICATION SKILL SELF MANAGER ENTREPRENEUR SKILL
Mass Media Studies	Unit 2 - Evolution of Media Unit 3 - Understanding Media
Fashion Studies	Chapter (Introduction of Fashion)1 and Chapter 2(Introduction of fabrics,dyeing and printing). Chapter 3 (Fundamentals and Principles of

	Design)and Chapter 4 (Sewing Machines) and Full Employability book- Employability Skills.
Artificial Intelligence	EMPLOYABILITY SKILLS • Unit 1: Communication Skills-III • Unit 2: Self-Management Skills-III • Unit 3: ICT Skills-III • Unit 4: Entrepreneurial Skills-III SUBJECT SPECIFIC SKILLS • Unit 3: Python • Unit 5: Data Literacy • Unit 6: Machine Learning Algorithm • Unit 7: Leveraging Linguistics and Computer Science