



I PUC

COURSE PLAN AND INTERNAL ASSESSMENT

ENGLISH

COURSE PLAN

I Term 13 June – 19 October	II Term 30 October – 30 March
TEXT	
1. The Rightful Inheritors of the Earth 2. Ballad of Birmingham 3. The Humane Humourist, Einstein 4. For Elkana 5. A Cap for Steve 6. The Burning of the Books 7. The Value of Man	8. Forest and River 9. David Hartman's Impossible Dream 10. the robin and the worm 11. Dead Men's Path 12. The Value of Science 13. Fool's Paradise 14. Bonsai Life
GRAMMAR	
1. Articles and prepositions 2. Verbs and Auxiliaries 3. Jumbled segment 4. Error Identification 5. Punctuation 6. Question Forms 7. Vocabulary 8. Letter seeking /giving information	9. Reading comprehension 10. Dictionary Entry 11. Letter of Complaint 12. Catalogues and Scoreboards 13. Speaking skills

INTERNAL ASSESSMENT

Term	Topic / Unit	Nature of the Assignment	Criteria
I	Composition	Write on any given topic in the class	• Content • Creativity • Coherence • Vocabulary • Language Use • Blueprint/Thought Box
II	One Minute Oral Presentation	Speaking Skills	• Language • Content • Delivery

SANSKRIT

COURSE PLAN

I Term 13 June – 19 October	II Term 30 October – 30 March
1. <i>UpakosaláVidyā</i> 2. <i>Āapatspmītram Jānēyāt</i> 3. <i>Subhāshitāni</i> 4. <i>Shukodantah</i> 5. <i>Mandāravati parinayah</i> 6. <i>Dvyta Vanepandavāh</i> 7. <i>Devigangaeprasēda</i> Grammar <i>Varnavichārah, Swara sandhi</i> <i>Vyanjana sandhi</i> <i>Visarga sandhi</i> <i>Ajanta shabdāh</i> <i>Halantha shabdāh</i> <i>Sankhyāh, Kriyapadāni</i> <i>Upasargāh, Kridanta</i> <i>Avyayāni, Samāsāh, Kārakāni</i>	8. <i>Viyadgamanam</i> 9. <i>Sahadharma Charē bhava</i> 10. <i>Ajavilāpah</i> 11. <i>Viduranēti</i> 12. <i>Jhashamahishi</i> 13. <i>Devavāni</i> 14. <i>Bhagavatsankalpah</i> 15. <i>Prāchēnabhārate Vignāna</i> <i>viabhavam</i> Grammar <i>Prayogāh</i> <i>Samanarthakāh</i> <i>Viruddharthakāh</i> <i>Āabhānakāni, Chandah</i> <i>Prabandhāh, Anuvādah</i>

INTERNAL ASSESSMENT

Term	Topic / Unit	Nature of the Assignment	Criteria
I	<i>Vyakarana Abhyasa</i> <i>text book</i> pages 142-144, 152, 158, 167, 175, 209-211, 212-213 & 226-231.	Written	• Content • Presentation - Neatness
II	<i>Kavi Kavya Sourabha</i>	Oral	• Content (topic) • Delivery (pronunciation, fluency and accuracy) • Creativity (critical & analytical skills)
	<i>Grammar in Workbook</i>	Written	• Completion • Presentation (neatness)

KANNADA

COURSE PLAN

I Term 13 June – 19 October	II Term 30 October – 30 March
1. <i>Vachanagalu</i> 2. <i>Kaalajnani Kanaka : scene 1 - 4</i> 3. <i>Anjappana Koli Kathe</i> 4. <i>Tapasharana Nishchaya...</i> 5. Maxmuller 6. <i>Buddha</i> 7. Grammar 8. <i>Mavakodisidha Kotu</i> 9. <i>Vaniya Samasye</i> 10. <i>Mangrove Kaadu</i> 11. <i>Kolooru Kodagusina Ragale</i> 12. <i>Bevu Bella</i>	13. <i>Kaalajnani Kanaka: Scenes 5-7</i> 14. <i>Bedadali Hokkiridano</i> 15. <i>Kannadave Nanna Dharma</i> 16. <i>Avva</i> 17. <i>Kaalajnani Kanaka: Scenes 6 - 7</i> 18. <i>Bellakki hindu Bedaryavo</i> 19. <i>Hosa Baalina Geethe</i> 20. <i>Dambaru Bandudhu</i> 21. <i>Kavacha</i> 22. <i>Baalve Sveekaarkide...</i> 23. Grammar

INTERNAL ASSESSMENT

Term	Topic / Unit	Nature of the Assignment	Criteria
I	Analysing a short story	Written	• Content • Creativity (critical and analytical) • Presentation
II	Subject related topics	Individual oral presentation	• Content (Topic) • Delivery (pronunciation, fluency and accuracy) • Creativity (critical and analytical)
	Workbook	Written	• Completion • Presentation (Neatness) • Creativity

HINDI

COURSE PLAN

I Term 13 June – 19 October	II Term 30 October – 30 March
1. <i>Orientation Programme</i> 2. <i>Saakhi Sudha</i> 3. <i>Balidan</i> 4. <i>Maatha Ka Hrudyay</i> 5. <i>Jeevan Sandesh</i> 6. <i>Jamakhori Ki Kranthi</i> 7. <i>Akabaar Mein Naam</i> 8. <i>Tulasi Das Ke Dohe</i> 9. <i>Satya Ek Roop Anek</i> 10. <i>Chritakoot</i> 11. <i>Dharthi Ka Swarg</i> 12. <i>Bhikharin</i> 13. <i>Dhwani</i> 14. <i>Khushal Vyapaari Ke Gun</i> 15. <i>Vyaakaran (Grammar)</i>	16. <i>Akeli</i> 17. <i>Raheem Ke Dohe</i> 18. <i>Hum Ek Hai</i> 19. <i>Mathru Mandir Mein</i> 20. <i>Awaaz Ka Neelaam</i> 21. <i>Madhukalash</i> 22. <i>Murgee Ki Keemat</i> 23. <i>Vah Budha</i> 24. <i>Sacchi Shuddhi</i> 25. <i>Meerabai Ke Pad</i> 26. <i>Goura</i> 27. <i>Koi Nahin Paraya</i> 28. <i>Ulkaayein</i> 29. <i>Siddharth Chintan</i> 30. <i>Album</i>

INTERNAL ASSESSMENT

Term	Topic / Unit	Nature of the Assignment	Criteria
I	Analysis of any one short story	Written	• Content • Creativity (critical and analytical) • Presentation
II	Topics will be given	Oral	• Content (Topic) • Delivery (pronunciation, fluency and accuracy) • Creativity (critical and analytical)
	Grammar, Workbook and Worksheets	Written	• Completion • Presentation (Neatness)

FRENCH

COURSE PLAN

I Term 13 June – 19 October	II Term 30 October – 30 March
1. Subject orientation 2. Basic grammar 3. Unit-1 1. Rencontres 2. Sympathies 3. Goûts et preferences 4. Accords et désaccords 5. Surprises 6. Workbook Lecon1,2,3,4,5	4. Unit-II 1. La maison à la campagne 2. Repas à Broussac 3. Bruits et disparitions 4. Déguisements 5. Mardi Gras 6. Workbook Lecon1,2,3,4,5 7. Viva exam preparation

INTERNAL ASSESSMENT

Term	Topic / Unit	Nature of the Assignment	Criteria
I	Civilisation	Collage and Oral Presentation (group activity)	• Collage • Presentation • Coverage of the theme
II	Situation dialogues	Enactment	• Props • Pronunciation • Fluency • Spontaneity • Content
	Verb conjugation	Written (two tenses)	• Neatness • Correct list of verbs • Accurate conjugation of two tenses

SOCIAL SCIENCES

HISTORY

COURSE PLAN

I Term 15 June – 19 October	II Term 30 October – 30 March
1. Introduction to History: - 1.1. Meaning and Definitions - Importance of History. 2. Map work with historical Importance. 3. Ancient India: - 3.1. Harappan Culture 3.2. Vedic Culture 3.3. Jainism and Buddhism - Life and Teachings of Mahavira and Buddha. 3.4. Mauryan Empire: Map work - Ashoka. 3.5. Age of Guptas: Classical Age 4. Medieval India: - 4.1. Conquests and Achievements of Allauddin Khilji. 4.2. Mohammed-bin- Tughlaq. 4.3. Bhakti Movement 4.4. Mughal empire: Akbar - Cultural contributions - Map Work - Mughal Empire Under Akbar. 4.5. Marathas: Rise of Shivaji.	5. Ancient Karnataka: - 5.1 Sathavahanas, Kadambas, Gangas and Chalukyas of Badami 5.2. Socio Religious Reform Movements. 1.3. Rashtrakutas of Malkhed - Amogavarsha. 5.4. Chalukyas of Kalyani Vikramaditya VI. 5.5. Hoysalas of Dwarasamudra Vishnuvardhana 6. Medieval Karnataka: - 6.1. Vijayanagara Empire: Krishnadevaraya. 6.2. Bahamanis and Adhilshahis: Mohammad Gawan. 6.3. Early Wodeyars: Chikkadevaraja Wodeyar. 6.4. Nayakas of Ikkeri and Chitradurga - Shivappa Nayaka and Madakari Nayaka of Chitradurga.

INTERNAL ASSESSMENT

Term	Topic / Unit	Nature of the Assignment	Criteria
I	1. Time line of Karnataka, India and Europe (Progressive, regressive, comparative time lines)	Chart making and Written assignment	• Content • Creativity
	2. Sources of History (find out any one source material)		
	3. Comparative Chart – Indus and Vedic Civilizations		
II	1. Presentations on maps of Karnataka, India	Oral Presentation with the use of charts.	Chart making • Content • Creativity • Presentation Role play • Creativity • Presentation Chart making • Content • Creativity • Presentation • Follow up test
	2. Great Personalities of India and Karnataka	Role play	
	3. Comparative Charts- India and Karnataka up to Vijayanagara Empire	Chart making	

ECONOMICS

COURSE PLAN

I Term 15 June – 19 October	II Term 30 October – 30 March
1. Introduction 2. Consumption 3. Production 4. Cost, Revenue and Market structure	5. Welfare Economics 6. National Income 7. Theory of Money 8. International Trade and Finance

INTERNAL ASSESSMENT

Term	Topic / Unit	Nature of the Assignment	Criteria
I	1. Different types of wants with the examples	Chart Making and Collage	Chart Making • Content • Creativity • Presentation Collage • Content • Creativity • Presentation Case Study • Research • Analysis • Content • Bibliography Panel Discussion / PPT Presentation / Written Assignment • Research • Analysis • Content • Presentation Group Discussion • Communication • Leadership • Interpersonal • Persuasive skill • Problem solving Role Play • Creativity • Content Problem solving • Mathematical Logic • Reasoning
	2. Different types of consumption with the examples		
	3. Different types of goods with the examples		
	4. Different types of utility with the examples		
	5. Definitions of Economics		
	6. Working of an Economy		
	7. Theory of Demographic Transition in Indian Context	Case study- Written	
	8. Positive and Normative Economics.	Case study- Written	
	9. India`s Population - Census Report 2011	Panel Discussion	
II	1. Different Types of Market Structure	Chart Making	
	2. Calculation of National Income	Problem Solving	
	3. Credit and Debit Card, Specimen of Cheque, ATM	Written	
	4. Contribution of Three sectors of the Economy to National Income	Case Study	
	5. Finding out real life examples for different types of Market structure	Written	
	6. Welfare Economics	Role Play	
	7. Inflation In India	Panel Discussion	

SOCIOLOGY

COURSE PLAN

I Term 15 June – 19 October	II Term 30 October – 30 March
1. Introduction to Sociology 2. Basic Sociological concepts 3. Social groups 4. Culture and Socialisation	5. Marriage and family 6. Social control 7. Social change

INTERNAL ASSESSMENT

Term	Topic / Unit	Nature of the Assignment	Criteria
I	1. Social legislations (post Independent period)	Written and PPT Presentation	• Content • Presentation • Reference
	2. Village as a primary group	Written and Chart Making	• Content • Presentation • Creativity
II	1. Role of Mass Media in Social Change	Written (Movie Review)	• Content • Interpretation • Originality
	2. Rituals in marriage	Chart and Presentation	• Documentary/movie chosen • 2&3. content
	3. Forms of family	Chart and Presentation	• Presentation • Creativity

PSYCHOLOGY

COURSE PLAN

I Term 15 June – 19 October	II Term 30 October – 30 March
1. Introduction 2. Biological basis of behaviour 3. Sensation, attention, perception.	4. Learning and Memory 5. Heredity and Environment 6. Health Psychology

INTERNAL ASSESSMENT

Term	Topic / Unit	Nature of the Assignment	Criteria
I	Eminent Psychologists, Applied Psychology	Project	• Content • Viva • Group Dynamics
II	Learning , Memory , Health Psychology	Conceptual Worksheet	• Application of Concepts

POLITICAL SCIENCE

COURSE PLAN

I Term 15 June – 19 October	II Term 30 October – 30 March
1. Political Science an Overview 2. State, Society and Citizen 3. Basic Political Concepts 4. Constitution and Government	5. Indian Constitution 6. Legislature 7. Executive 8. Judiciary 9. Local Self Government

INTERNAL ASSESSMENT

Term	Topic / Unit	Nature of the Assignment	Criteria
I	Forms of Government (Democratic , Dictatorship, Parliamentary, Presidential, Unitary , Federal and features of Indian Constitution)	Individual Written and Group Presentation	• Content • Presentation (written) • Presentation (oral)
II	Legislature, Executive, Judiciary and Local Self Government	Written Presentation Oral Presentation Collage Presentation	• Content • Oral Presentation • Originality • Creativity

COMMERCE

BUSINESS STUDIES

COURSE PLAN

I Term 15 June – 19 October	II Term 30 October – 30 March
1. Orientation 2. Nature of Business. 3. Forms of Business Organizations. 4. Proprietary Concern 5. Partnership Firm 6. Co-operative Societies. 7. Government Undertaking & Public Utilities 8. Joint Stock Company	9. Multinational Companies 10. Internal Trade 11. Business Management 12. Business Communication 13. Contemporary Issues In Business 14. Computers In Business

INTERNAL ASSESSMENT

Term	Topic / Unit	Nature of the Assignment	Criteria
I	Multinational Companies & Internal Trade	Written	• Performance
II	Business Management Business Communication Contemporary Issues In Business	Chart Making Mind Mapping Case Study Power point presentation Collage Turn Quote	Chart Making/ Collage • Content • Creativity • Presentation Mind Mapping • Content • Clarity • Creativity • Presentation Case Study • Research • Analysis • Content • Presentation Power point presentation • Research • Content • Presentation Turn Quote • Content • Communication • Persuasive Skill

ACCOUNTANCY

COURSE PLAN

I Term 15 June – 19 October	II Term 30 October – 30 March
1. Subject Orientation 2. Introduction to Accounting 3. Accounting Principles- Concepts and Conventions 4. Double Entry System Of Accounting 5. Journal 6. Ledger 7. Subsidiary Books 8. Cash Book 9. Petty Cash Book 10. Trial Balance 11. Bank Reconciliation Statement	12. Bank Reconciliation Statement (continued...) 13. Bills of Exchange 14. Final Accounts 15. Rectification of Errors 16. Journal Proper

INTERNAL ASSESSMENT

Term	Topic / Unit	Nature of the Assignment	Criteria
I	Bill of Exchange- Problem Solving	Written	Performance
II	Objective test on final accounts.	Written	Performance

BASIC MATHEMATICS

COURSE PLAN

I Term 04 June – 11 August	II Term 13 August – 01 December
A. Algebra - Theory of Indices - Logarithms - Progressions - Number theory - Theory of equations B. Trigonometry - Angles and measurement - Trigonometric ratio - Standard angles - Heights and Distances C. Co-ordinate Geometry - Distance Formula - Section Formula - Locus	A. Algebra - Sets - Relations and Functions. B. Trigonometry - Allied angles C. Co-ordinate Geometry - Straight Lines - Linear Functions D. Mathematics of Finance - Simple Interest - Compound Interest - Annuities

INTERNAL ASSESSMENT

Term	Topic / Unit	Nature of the Assignment	Criteria
I	Facts and Fallacies in Mathematics	Presentation	• Concept • Creativity • Innovativeness • Team Work
II	Coordinate Geometry Trigonometry	Cooperative learning	• Identification and Interpretation • Algorithm/Flowchart • Team work, recording and reporting

STATISTICS

COURSE PLAN

I Term 04 June – 11 August	II Term 13 August – 01 December
1. Orientation and Introduction to Statistics 2. Basic Concepts 3. Stages of statistical Investigation 4. Classification and tabulation 5. Diagrammatical representation 6. Formation of Frequency distribution 7. Graphical representation 8. Analysis of Univariate data	9. Analysis of Bivariate data 10. Elements of Probability 11. Random Variable and Mathematical Expectation 12. Computers in Statistics

INTERNAL ASSESSMENT

Term	Topic / Unit	Nature of the Assignment	Criteria
I	Analysis of the I term marks obtained by II PUC students	Report Writing	• Data Analysis • Inference • Report
II	Objective test on Bivariate analysis and Probability	Written	• Performance

ECONOMICS

COURSE PLAN

I Term 15 June – 19 October	II Term 30 October – 30 March
1. Introduction 2. Consumption 3. Production 4. Cost, Revenue and Market structure	5. Welfare Economics 6. National Income 7. Theory of Money 8. International Trade and Finance

INTERNAL ASSESSMENT

Term	Topic / Unit	Nature of the Assignment	Criteria
I	1. Different types of wants with the examples	Chart Making and Collage	Chart Making • Content • Creativity • Presentation Collage • Content • Creativity • Presentation Case Study • Research • Analysis • Content • Bibliography Panel Discussion / PPT Presentation / Written Assignment • Research • Analysis • Content • Presentation Group Discussion • Communication • Leadership • Interpersonal • Persuasive skill • Problem solving Role Play • Creativity • Content Problem solving • Mathematical Logic • Reasoning
	2. Different types of consumption with the examples		
	3. Different types of goods with the examples		
	4. Different types of utility with the examples		
	5. Definitions of Economics		
	6. Working of an Economy		
	7. Theory of Demographic Transition in Indian Context	Case study- Written	
	8. Positive and Normative Economics.	Case study- Written	
	9. India`s Population - Census Report 2011	Panel Discussion	
II	1. Different Types of Market Structure	Chart Making	
	2. Calculation of National Income	Problem Solving	
	3. Credit and Debit Card, Specimen of Cheque, ATM	Written	
	4. Contribution of Three sectors of the Economy to National Income	Case Study	
	5. Finding out real life examples for different types of Market structure	Written	
	6. Welfare Economics	Role Play	
	7. Inflation In India	Panel Discussion	

SCIENCE

PHYSICS

COURSE PLAN

I Term 13 June – 19 October	II Term 30 October – 30 March
Part – A	
1. Physical World and Measurements 2. Thermodynamics 3. Behaviour of Perfect gas and Kinetic Theory 4. Kinematics 5. Laws of Motion 6. Work, Energy and Power	7. Motion of System of Particles and Rigid Body 8. Gravitation 9. Properties of Bulk Matter 10. Oscillations and Waves
Activities (Demonstration) / Practical Experiments	
1. Vernier Callipers-1 diameter of spherical/cylindrical object. 2. Venier Callipers-2 depth/internal diameter of beaker/calorimeter. 3. Screw Gauge-1: diameter of wire 4. Screw Gauge-2: thickness of sheet 5. Screw Gauge-3: Volume of irregular lamina 6. Spherometer- radius of curvature of spherical surface 7. Parallelogram law of vectors 8. Coefficient of friction 9. Downward force on an inclined plane 10. Simple pendulum	11. Helical Spring –load extension 12. Cooling curve 13. Surface Tension-capillary rise method 14. Young’s modulus of elasticity 15. Variation of volume with pressure 16. Viscosity-terminal velocity of spherical body 17. Specific heat of a solid/liquid- method of mixtures 18. Sonometer 19. Resonance tube

INTERNAL ASSESSMENT

Term	Topic / Unit	Nature of the Assignment	Criteria
Annual	Topics related to the curriculum and its applications	Activity Presentation Report	• Presentation ➤ Clarity of Concept ➤ Content Depth ➤ Q/A • Report ➤ Literature Survey ➤ Science Writing ➤ Research • Creativity

CHEMISTRY

COURSE PLAN

I Term 13 June – 19 October	II Term 30 October – 30 March
1. Atomic structure 2. Chemical Bonding 3. Classification of Elements and Periodicity 4. s- block elements 5. Basic concepts of Chemistry 6. States of Matter 7. Environmental Chemistry 8. Basic Principles of Organic Chemistry	9. Redox Reactions 10. p- block elements 11. Thermodynamics 12. Hydrocarbons 13. Equilibrium 14. Hydrogen

INTERNAL ASSESSMENT

Term	Topic / Unit	Nature of the Assignment	Criteria
Annual	Seminar presentation	Lecture with Audio visual aids	- Leadership - Group dynamic - Quality of content and presentation
	Subject mentoring	Oral and written checks on concept clarity	- Response towards academics - Interaction and Interpretation skill
	General behavior		Upholding the institutional culture
	Laboratory skills		- Instrumentation skill - Procedure and Presentation skills
	Practical record		Tidiness of record and submission on time
	Viva voce	Questions on practical syllabus	Conceptual clarity

MATHEMATICS

COURSE PLAN

I Term 13 June – 19 October	II Term 30 October – 30 March
A. Sets and Functions - Sets - Relations and Functions - Trigonometric Functions B. Algebra - Principle of Mathematical Induction - Complex Numbers and Quadratic Equations - Sequence and Series C. Mathematical Reasoning - Mathematical Reasoning D. Coordinate Geometry - Straight Lines	E. Coordinate Geometry - Conic Sections - Introduction to 3 Dimensional Geometry F. Algebra - Linear Inequalities - Permutation and Combination - Binomial Theorem G. Calculus - Limits and Derivatives H. Statistics and Probability - Statistics - Probability

INTERNAL ASSESSMENT

Term	Topic / Unit	Nature of the Assignment	Criteria
I	Facts and Fallacies in Mathematics	Presentation	- Concept - Creativity - Innovativeness - Team Work
II	Coordinate Geometry Trigonometry	Cooperative learning	- Identification and Interpretation - Algorithm/Flowchart - Team work, Recording and Reporting

BIOLOGY

COURSE PLAN

I Term 13 June – 19 October	II Term 30 October – 30 March
• Diversity of Living World • Structural Organization in Animals and Plants	• Cell Structure and Function • Plant Physiology • Human Physiology

INTERNAL ASSESSMENT

Term	Topic / Unit	Nature of the Assignment	Criteria
I	Syllabus covered during the term	Written	• Performance • Understanding
II	Syllabus covered during the I and II term	Spotters	• Observation Skills

ELECTRONICS

COURSE PLAN

I Term 13 June – 19 October	II Term 30 October – 30 March
Introduction to Electronics Principles of Electricity: - Charge, Potential difference, DC, AC, - Ideal and Practical voltage source KCL & KVL Network theorem: - Thevenins Theorem - Nortons Theorem - Maximum Power Transfer Theorem AC principles: - Sinusoidal ac wave, simple definitions Passive Electronic Components: - Resistors - Capacitors - Inductors - Transformers Semiconductors: - Theory, Types, PN Junction, Diode, Rectification HWR, FWR. Semiconductor: Expression of rectifiers, Special purpose diode Filters, Regulated Power supplies, LED & LCD displays	Passive Electronic Components: (Continued) - Transducers Application of AC & DC to passive components: - DC applied to passive components, RC Time constant Growth and Decay of current in RC and RL circuits. - AC applied to passive components, expression for current and voltage phasor diagram, Series & parallel RLC Resonance, Frequency response of RC Measuring Instruments: - Block diagram of CRT, CRO and its use Introduction to Digital Electronics: - Number systems, negative numbers, Logic gates and Boolean algebra

INTERNAL ASSESSMENT

Term	Topic / Unit	Nature of the Assignment	Criteria
Annual	Class Presentation/ Project Presentation	Power Point Charts Reports	- Teamwork - Content - Explanation - Interaction
	Academics	Student performance in academics	All average marks of the examination conducted during the academic year
	Practical	Regular experiments	- Regularity/attendance: - Initial preparation - Performance - Observation - Record