



**II PUC
COURSE PLAN AND INTERNAL ASSESSMENT**

**II PUC ENGLISH
COURSE PLAN**

I Term May 20 – 19 August	II Term 20 August – 25 November	III Term 26 November – 31 March
TEXT		
1. Appointment with Love 2. Life's Beginning 3. Girl against the Jungle 4. The Broker 5. Sonnet 116 6. One Dark Night 7. The Rabbit	1. Work Builds Charity Destroys 2. The Travel Bureau 3. Rukmini Devi Arundale 4. The House by the side of the Road 5. Unni Katha	1. Is Creativity suppressed by Knowledge 2. I am not that woman
GRAMMAR		
1. Passive voice 2. Subject – verb Agreement 3. Vocabulary 4. Reported Speech 5. Job Application Letter	1. Cohesive Devices 2. Letters of Public Interest 3. Note –taking & making 4. Report Writing 5. Reading Comprehension	1. Expansion 2. Speaking Skills 3. Official Letters 4. Note – Taking 5. Summarising

INTERNAL ASSESSMENT

Term	Topic / Unit	Nature of the Assignment	Criteria
SCIENCE			
I	Objective type from first term literature and language portions.	Online Submission	<ul style="list-style-type: none"> • Accuracy and time management
II	Scientific Report Generation	Writing	<ul style="list-style-type: none"> • Content • Analysis & Synthesis • Grammar • Language
III	Listening to recorded passages	Listening and Writing	<ul style="list-style-type: none"> • Probing questions • Guiding & universal questions
COMMERCE & SOCIAL SCIENCES			
I	Objective type from first term literature and language portions.	Online Submission	<ul style="list-style-type: none"> • Accuracy and time management
II	Micro Presentation, Group Discussion, and writing skills.	Public Speaking & Writing	<ul style="list-style-type: none"> • Attendance • Oral Presentation • Group Discussion • Writing Skills
III	Listening to recorded passages	Listening and Writing	<ul style="list-style-type: none"> • Probing questions • Guiding & universal questions

OPTIONAL LANGUAGES

II PUC KANNADA COURSE PLAN

I Term May 20 – 19 August	II Term 20 August – 25 November	III Term 26 November – 31 March
1. <i>Vachangalu</i> 2. <i>Ekalavya – Act 1 to 3</i> 3. <i>Yaadevi</i> <i>SarvaBhooteshu</i> 4. <i>Simhanaadangaidan</i> 5. <i>Poorvaangane....</i> 6. <i>Ondu Anubhavada</i> <i>Eradu Mukha</i> 7. <i>Niyama Niyamagala</i> <i>Naduve</i> 8. <i>Bhashabyasa</i>	9. <i>Kannada Samvardhane</i> 10. <i>Manadolage Sattu</i> <i>Huttutirpalu</i> 11. <i>Pathidharma</i> 12. <i>Ekalavya Act- 4 to 8</i> 13. <i>Elubina Handaradolage</i> 14. <i>Jeeva Ulisalu Hosa</i> <i>Jeevada Srusti</i> 15. <i>Ellaru Maaduvudu</i> 16. <i>Tangi Huttidalu</i> 17. <i>Petromax Hottavaru</i> 18. <i>Bhimaalaapa</i> 19. <i>Bhashabyasa</i>	20. <i>Sumathiya Kate</i> 21. <i>Ekalavya Act- 9 to 11</i> 22. <i>Bhashabyasa</i> 23. Revision 24. Class Test 25. Solving Question Paper

INTERNAL ASSESSMENT

Term	Topic / Unit	Nature of the Assignment	Criteria
I	Kannada Grammar and literature	Online Submission	<ul style="list-style-type: none"> • Understanding • Applications • Knowledge
	Prose and poem	Skit	<ul style="list-style-type: none"> • Acting • Co-ordination • Presentation
	Contemporary social issues	Chart Making	<ul style="list-style-type: none"> • Understanding • Knowledge • Creativity
II	Workbook (Grammar)	Written	<ul style="list-style-type: none"> • Knowledge • understanding • Applications • Analytical
	Poets	Presentation	<ul style="list-style-type: none"> • Information • Presentation
	Poems	Recitation	<ul style="list-style-type: none"> • Pronunciation • Rhythm

II PUC HINDI
COURSE PLAN

I Term May 20 – 19 August	II Term 20 August – 25 November	III Term 26 November – 31 March
1. Orientation 2. Pavandoot 3. Kakdi Ki Keemat 4. Pahila Safed Baal 5. Kabirdas Ki Padavali 6. Novel-Ganga Maiya 7. Ek Kutta Aur Ek Maina 8. AIDS Rog Ki Avasthaein Chinha Evam Lakshan 9. Soordas Ke Pada 10. Vasanth Aaya 11. Tulsidas Ke Pad	12. Bahata Pani Nirmala 13. Madhur Madhur Mere Deepak Jal 14. Usne Kaha Tha 15. Poos Ki Raat 16. Vishwa Vibhuti Sri Basaveshwar 17. Meerabai Ki Padavali 18. Jab Tak Koi Bhi Bhookha Ho 19. Madhushala 20. Geet Farosh 21. Ganga Maiya	22. Ganga Maiya 23. Sati 24. Grammar 25. Revision

INTERNAL ASSESSMENT

Term	Topic / Unit	Nature of the Assignment	Criteria
I	Presentation on various social issues (Group)	Presentation/Collage/Documentary/ Video clippings/Role Play/Skit	<ul style="list-style-type: none"> ● Creativity ● Oral Presentation ● Content ● Team Work
	Work Book (Letter /Précis Writing)	Written	<ul style="list-style-type: none"> ● Knowledge ● Understanding ● Analysis ● Presentation
	Poetic Drama	Skit/Role Play	<ul style="list-style-type: none"> ● Creativity ● Intonation ● Fluency ● Presentation ● Team Work
II	Grammar and Literature	Online Submission	<ul style="list-style-type: none"> ● Knowledge ● Understanding ● Application.
	Work Book (Vachya, Pad-parichay, translation, ling, vachan. idioms and phrases)	Written	<ul style="list-style-type: none"> ● Knowledge ● Understanding ● Application ● Presentation
	Novel (<i>Ganga Maiya</i>)	Presentation/Skit/video clippings	<ul style="list-style-type: none"> ● Creativity ● Knowledge ● Presentation

**II PUC FRENCH
COURSE PLAN**

I Term May 20 – 19 August	II Term 20 August – 25 November	III Term 26 November – 31 March
1. Subject orientation 2. Grammar revision of I PUC portion 3. Unit-III a. Un PDG très occupé b. La Disparition mystérieuse c. L'enquête commence 4. Workbook Leçon 1,2,3	1. Unit-III a. L'enquête continue b. Un coup de théâtre c. Workbook Leçon 4,5 2. Unit-IV a. Projets b. En panne c. Découverte 3. Workbook Leçon 1,2,3	1. Unit-IV a. Conflits b. Vers l'avenir 2. Workbook Leçon 4,5 3. Solving question paper. 4. Viva exam preparation.

INTERNAL ASSESSMENT

Term	Topic / Unit	Nature of the Assignment	Criteria
I	Fifty two Verb Conjugations in different tenses (imparfait, passe compose, future proche, passe recent, future)	Written	<ul style="list-style-type: none"> • Understanding • Knowledge • Application • Recall
	Situational Dialogue	Enactment	<ul style="list-style-type: none"> • Fluency • Creativity • Intonation • Pronunciation
	Grammar (comparative degree, different types pronouns)	Chart making Presentation Video	<ul style="list-style-type: none"> • Knowledge • Understanding • Creativity • presentation
II	Grammar sentence construction	Online Submission	<ul style="list-style-type: none"> • Knowledge • Understanding • Application
	Hints-development	Written	<ul style="list-style-type: none"> • Sentence structure • Grammar rules • Spellings
	Paragraph writing	Written	<ul style="list-style-type: none"> • Sentence structure • Grammar rules • Spellings • Creativity

**II PUC SANSKRIT
COURSE PLAN**

I Term May 20 – 19 August	II Term 20 August – 25 November	III Term 26 November – 31 March
1. Pratima gruham. 2. Na dahatyeva pavaka Grammar Translation	3. Ekachakram. 4. Chandrasasa charitam. 5. Shrame laxmi prathishthitha Grammar Translation	6. Treeni anguliyakani. 7. Durlabham manusham janma Grammar Translation

INTERNAL ASSESSMENT

Term	Topic / Unit	Nature of the Assignment	Criteria
I	Sanskrit quiz	Online	<ul style="list-style-type: none"> • Performance
	Skit text based	Group	<ul style="list-style-type: none"> • Acting, Coordination • Presentation.
	Chart making	Group	<ul style="list-style-type: none"> • Creativity, Content
II	Work book (grammar)	Written	<ul style="list-style-type: none"> • Completion • Presentation
	Role play	Theatrical	<ul style="list-style-type: none"> • Creativity • Presentation

SOCIAL SCIENCES

II PUC HISTORY

COURSE PLAN

I Term May 20 – 19 August	II Term 20 August – 25 November	III Term 26 November – 31 March
1. Map work with Historical Importance. 2. Modern world 2.1. Geographical discoveries 2.2. Renaissance 2.3. Reformation - counter reformation 3. Modern Karnataka 3.1. Emergence of Modern Mysore – Hyder Ali and Tipu Sultan. 3.2. Restoration in Mysore 3.3. Commissioners rule 3.4. Rendition 3.5. Karnataka's role in the Indian National Movement. 3.6. Unification of Karnataka	4. Modern India: - 4.1. Advent of Europeans in India. Map work – European settlements in India 4.2. British supremacy in India up to 1857 4.3. First War of Indian-Independence. 4.4. Impact of British rule 4. 5. Indian Renaissance 4. 6. National Movement 5. Modern World: 5.1 American war of Independence 5.2. French Revolution - Life and achievements of Napoleon Bonaparte 5.3. Unification of Italy	5.4. Unification of Germany: Life and achievements of Otto Van Bismarck. 5.5. Russian Revolution 5.6. World Wars and International Organizations: - first and second World War 5.7.UNO 5.8. Biographical Sketches: Leaders of Karnataka, India and the world

INTERNAL ASSESSMENT

Term	Topic / Unit	Nature of the Assignment	Criteria
I	1. Book Reviews – Summer assignment	Written and oral presentations Online Submission	Book Review <ul style="list-style-type: none"> • Content • Originality • Presentation
	2. Personalities	Power Point Presentations	Power Point Presentations <ul style="list-style-type: none"> • Content • Presentation
	3. Modern Karnataka	Comparative Chart	Chart making <ul style="list-style-type: none"> • Content , Creativity • Presentation
II	1.Modern India and the World	Role Play / Panel discussion	Role play <ul style="list-style-type: none"> • Creativity • Presentation Panel discussion <ul style="list-style-type: none"> • Research , Analysis • Content • Presentation
	2.Modern Karnataka, India and the World	Documentary review	Documentary review <ul style="list-style-type: none"> • Content • Originality • Presentation
	3.Modern India and the World	Comparative chart	Chart making <ul style="list-style-type: none"> • Content , Creativity • Presentation
III	Work Book	Written	<ul style="list-style-type: none"> • Content • Presentation

II PUC ECONOMICS

COURSE PLAN

I Term May 20 – 19 August	II Term 20 August – 25 November	III Term 26 November – 31 March
1. Basic Concepts and Indicators of Development 2. Human Resource Development 3. Agriculture 4. Industrial Development	5. Labour Policy 6. Economic Infrastructure 7. Foreign Trade	8. Public Finance 9. Economic Planning

INTERNAL ASSESSMENT

Term	Topic / Unit	Nature of the Assignment	Criteria
I	1. Calculation of HDI for two countries	Problem solving Case Study (Data Analysis)	Chart Making <ul style="list-style-type: none"> • Content • Creativity • Presentation Collage <ul style="list-style-type: none"> • Content • Creativity • Presentation Case Study <ul style="list-style-type: none"> • Research • Analysis • Content • Bibliography Panel Discussion <ul style="list-style-type: none"> • Research • Analysis • Content • Presentation PPT Presentation <ul style="list-style-type: none"> • Research • Content • Analysis • Presentation Written Assignment <ul style="list-style-type: none"> • Research • Analysis • Content • Presentation Group Discussion <ul style="list-style-type: none"> • Communication • leadership • interpersonal • persuasive skill • problem solving
	2. Developed, developing and underdeveloped economies	Panel Discussion	
	3. Economic Reforms of 1991	Micro presentation	
	4. Sustainable development	Written	
	5. Table, Pie Chart, Bar Graph	Written	
	6. A brief write up on National Population Policy	Written	
	7. Write ten Slogans on <ul style="list-style-type: none"> • Health • Family Planning • Education • Women Empowerment • Poverty Alleviation • Unemployment 	Written	
	8. Population Census Data 2011	Panel Discussion	
	9. Primary Health	Role Play	
	10. Composition of Population	Chart Making	
	11. Watershed Management	Written Assignment	
	12. Green Revolution	Group Presentation	
	13. Soil Erosion	Micro Presentation	
	14. Report on a visit to Fair price shop	Written	
	15. Report on Rainwater harvesting in your area	Written	
II	1. List of major Industries in India and Location	Chart Making	
	2. Report on SHG	Written	
	3. Railway Zones	Chart Making	
	4. Monetary Policy	Group Discussion	
	5. Money and Capital Market	Panel Discussion	
	6. Structure and growth of commercial banks in India	Panel Discussion	
	7. List International Airports of India	Chart Making	
	8. Role of W.T.O in India	Panel Discussion	
	9. Indian Current status in Foreign Trade	Written (Online)	
III	1. Budget Analysis	Panel Discussion	
	2. Sources of Revenue and Heads of expenditure	Chart Making	
	3. Planning Commission in India	Written Assignment	

**II PUC SOCIOLOGY
COURSE PLAN**

I Term May 20 – 19 August	II Term 20 August – 25 November	III Term 26 November – 31 March
1. The making of Indian Society 2. Caste system in India, Backward Classes in India 3. Forms of Family in India	4. Status of Women in India 5. Process of Social Change 6. Current Social Issue a. Child labour b. Corruption	7. Village India

INTERNAL ASSESSMENT

Term	Topic / Unit	Nature of the Assignment	Criteria
I	1. Book Review (related to II PUC syllabus)	Written	<ul style="list-style-type: none"> • Interpretation • Book selected • Originality
	2. Impact of globalisation on Indian society	Written	<ul style="list-style-type: none"> • Content • Reference
	3. Socio-historical sketch of Indian society	Chart	<ul style="list-style-type: none"> • Creativity • Presentation • Content
	4. Role of caste in Indian politics	Panel discussion	<ul style="list-style-type: none"> • Content , Research • Interpretation • Presentation
II	1. Gender discrimination (specific to Indian society) 2. Transitions in Indian families	Online	<ul style="list-style-type: none"> • Content • Interpretation • Research, References
	1. Child labour/corruption	Project (case study)	<ul style="list-style-type: none"> • Content • Interpretation • Research, References
III	2. Legislation and social change.	Chart and presentation	<ul style="list-style-type: none"> • Content , Creativity • Presentation

**II PUC PSYCHOLOGY
COURSE PLAN**

I Term May 20 – 19 August	II Term 20 August – 25 November	III Term 26 November – 31 March
1. Emotion and Motivation 2. Intelligence	3. Personality 4. Psychology – its social relevance 5. Counselling	6. Frustration and Conflict

INTERNAL ASSESSMENT

Term	Topic / Unit	Nature of the Assignment	Criteria
I	Psychology Applied in Today's World – Relevant contemporary trends	Book Review, Case Analysis, Article Review. (Online)	<ul style="list-style-type: none"> • Review, Originality • Interpretation • Writing Skills • Topic chosen
II	Social Psychology and its Relevance Pro-social behaviour and Altruism Interpersonal relations Gender roles Prejudice	Oral and PPT Presentation, Social Analysis Chart	<ul style="list-style-type: none"> • Content • Viva • Group Dynamics
III	Concept Check Worksheet	Worksheet	<ul style="list-style-type: none"> • Content, Knowledge • Presentation Skills

II PUC POLITICAL SCIENCE

COURSE PLAN

I Term May 20 – 19 August	II Term 20 August – 25 November	III Term 26 November – 31 March
1. Major Political Thinkers-I 2. Major Political Thinkers-II 3. Contemporary Political Trends 4. Electoral System in India	5. Party System in India. 6. Public Opinion and Pressure Groups in India 7. Administrative Machinery in India 8. Challenges to Indian Democracy	9. India and the World

INTERNAL ASSESSMENT

Term	Topic / Unit	Nature of the Assignment	Criteria
I	Major Political Thinkers, Trends and Processes	Written assignment Oral Presentation	<ul style="list-style-type: none">• Content• Creativity• Presentation
II	Public Opinion and Pressure Groups	Group Discussion	<ul style="list-style-type: none">• Clarity of Thought• Concept, Analysis• Presentation
III	Indian Foreign Policy , NAM & SAARC	Two Articles Submission (Online-LMS)	<ul style="list-style-type: none">• Originality• Content, Analysis• Presentation

COMMERCE

II PUC BUSINESS STUDIES

COURSE PLAN

I Term May 20 – 19 August	II Term 20 August – 25 November	III Term 26 November – 31 March
1. Marketing 2. Social responsibility of business 3. Consumer protection 4. Industry 5. Business Finance	6. Money and Capital market 7. Foreign trade 8. Service sectors and Business 9. Career opportunities in business 10. Computers in Business	Revision and class test

INTERNAL ASSESSMENT

Term	Topic / Unit	Nature of the Assignment	Criteria
I	Marketing of product / service/ person/ place/idea Corporate social responsibilities of local companies pertaining to different sectors	Group presentation covering key strategies, enactment, radio jingle etc. Group Presentation, collage or News bulletin from company	<ul style="list-style-type: none"> • Content • Creativity • Presentation
II	Comparison of the contribution of different sectors to the economy - post liberalization Present status of E-commerce firms –Growth and profitability	Written Assignment Presentation Graphical analysis Presentation, survey , interview	<ul style="list-style-type: none"> • Content • Reasoning • Presentation

**II PUC ACCOUNTANCY
COURSE PLAN**

I Term May 20 – 19 August	II Term 20 August – 25 November	III Term 26 November – 31 March
<ol style="list-style-type: none"> 1. Subject orientation 2. Single entry system 3. Accounts of joint stock companies 4. Final Accounts of companies 5. Partnership Accounts- Fundamentals 6. Admission of a partner 7. Death of a partner 8. Computerised Accounting 	<ol style="list-style-type: none"> 9. Retirement of a partner 10. Dissolution of a partnership firm 11. Depreciation 12. Non trading concern 	<ol style="list-style-type: none"> 13. Non trading concern (cont) 14. Revision, Class test

INTERNAL ASSESSMENT

Term	Topic / Unit	Nature of the Assignment	Criteria
I	Accounting Scandals- Case Studies	Online Submission	<ul style="list-style-type: none"> ● Research ● Case Analysis
II	Partnership Non Trading Concern	Online quiz –LMS Objective test	<ul style="list-style-type: none"> ● Performance ● One mark each for correct answer (no negative marks)

II PUC BASIC MATHEMATICS

COURSE PLAN

I Term May 20 – 19 August	II Term 20 August – 25 November	III Term 26 November – 31 March
Algebra Partial Fraction Mathematical Logic Binomial Theorem Matrices and Determinants Differential Calculus Functions, Limits and continuity Differential Calculus Application of derivatives (up to Rate Measure) Co-ordinate Geometry Circles Parabola Mathematics of Finance Learning Curve L.P.P	Algebra Permutation and Combination Probabilities Mathematics of Finance Stocks and Shares Bill discounting Ratio and Proportion Differential Calculus Application of derivatives Integral Calculus Indefinite Integral Definite integral	Mathematics of Finance Averages Integral Calculus Application of Definite Integrals

INTERNAL ASSESSMENT

Term	Topic / Unit	Nature of the Assignment	Criteria
I	Application of Mathematics in real world	Group Activity Collage	<ul style="list-style-type: none"> • Content • Presentation • Creativity
II	First Term Portions	Individual Activity Online Quiz	<ul style="list-style-type: none"> • Performance
III	Second Term Portions	Group Activity Cooperative Learning	<ul style="list-style-type: none"> • Identification of problem • Interpretation of problem • Flowchart/algorithm of solving the problem • Teamwork, recording and reporting

**II PUC STATISTICS
COURSE PLAN**

I Term May 20 – 19 August	II Term 20 August – 25 November	III Term 26 November – 31 March
1. Time series 2. Theoretical Distribution 3. Index Number 4. Statistical Quality control	5. Statistical Inference 6. Operational Research a) a)LPP b) b)Game Theory c) c)Replacement Theory	d) Inventory theory Revision classes

INTERNAL ASSESSMENT

Term	Topic / Unit	Nature of the Assignment	Criteria
I	Time Series	Analysis of time series using moving averages and least square method to understand the trend	<ul style="list-style-type: none"> ● Validity of the data ● Analysis ● Presentation ● Inference
II	Statistical inference	Case analysis	<ul style="list-style-type: none"> ● Appropriate method ● Analysis ● Inference ● Suggestions

**II PUC ECONOMICS
COURSE PLAN**

I Term May 20 – 19 August	II Term 20 August – 25 November	III Term 26 November – 31 March
1. Basic Concepts and Indicators of Development 3. Human Resource Development 4. Agriculture 5. Industrial Development	6. Labour Policy 7. Economic Infrastructure 8. Foreign Trade	9. Public Finance 10. Economic Planning

INTERNAL ASSESSMENT

Term	Topic / Unit	Nature of the Assignment	Criteria
I	1. Calculation of HDI for two countries	Problem solving Case Study (Data Analysis)	Chart Making <ul style="list-style-type: none"> • Content • Creativity • Presentation Collage <ul style="list-style-type: none"> • Content • Creativity • Presentation Case Study <ul style="list-style-type: none"> • Research • Analysis • Content • Bibliography Panel Discussion <ul style="list-style-type: none"> • Research • Analysis • Content • Presentation PPT Presentation <ul style="list-style-type: none"> • Research • Content • Analysis • Presentation Written Assignment <ul style="list-style-type: none"> • Research • Analysis • Content • Presentation Group Discussion <ul style="list-style-type: none"> • Communication • leadership • interpersonal • persuasive skill • problem solving
	2. Developed, developing and underdeveloped economies	Panel Discussion	
	3. Economic Reforms of 1991	Micro presentation	
	4. Sustainable development	Written	
	5. Table, Pie Chart, Bar Graph	Written	
	6. A brief write up on National Population Policy	Written	
	7. Write ten Slogans on <ul style="list-style-type: none"> • Health • Family Planning • Education • Women Empowerment • Poverty Alleviation • Unemployment 	Written	
	8. Population Census Data 2011	Panel Discussion	
	9. Primary Health	Role Play	
	10. Composition of Population	Chart Making	
	11. Watershed Management	Written Assignment	
	12. Green Revolution	Group Presentation	
	13. Soil Erosion	Micro Presentation	
	14. Report on a visit to Fair price shop	Written	
	15. Report on Rainwater harvesting in your area	Written	
II	1. List of major Industries in India and Location	Chart Making	
	2. Report on SHG	Written	
	3. Railway Zones	Chart Making	
	4. Monetary Policy	Group Discussion	
	5. Money and Capital Market	Panel Discussion	
	6. Structure and growth of commercial banks in India	Panel Discussion	
	7. List International Airports of India	Chart Making	
	8. Role of W.T.O in India	Panel Discussion	
	9. Indian Current status in Foreign Trade	Written (Online)	
III	1. Budget Analysis	Panel Discussion	
	2. Sources of Revenue and Heads of expenditure	Chart Making	
	3. Planning Commission in India	Written Assignment	

SCIENCE

II PUC PHYSICS COURSE PLAN

I Term May 20 – 19 August	II Term 20 August – 25 November	III Term 26 November – 31 March
Part – A		
1. Electric charges and fields. 2. Electrostatic potential and capacitance. 3. Current electricity -1	1. Current Electricity-2 2. Moving charges & Magnetism 3. Magnetism & Matter	1. Electromagnetic Induction 2. Alternating Current 3. Electromagnetic Waves.
Part – B		
1. Ray optics and optical instruments. 2. Wave optics	1. Atoms 2. Nuclei	1. Semiconductor electronics, Materials, Devices.
Demonstration		
1. Communication System	1. Dual nature of radiation & matter-1	1. Dual nature of radiation & matter-2
Practical Experiments		
1. 1.Meterbridge:Specific Resistance- 2. Resistance per cm of wire. 3. i) Potentiometer- compare emfs ii) Potentiometer- Internal Resistance. 4. Concave mirror-Focal length	1. Meter Bridge-Laws of Combination of resistances. 2. i)Focal length Concave lens using Convex lens ii) Focal length- convex lens-graph 3. Glass slab-Refractive index using Travelling microscope. 4. Galvanometer-Resistance & fig of merit.	1. Conversion galvanometer to ammeter & galvanometer to voltmeter 2. i)Diode-Characteristics-forward bias & reverse bias ii)Zener- Characteristics-forward bias & reverse bias 3. Transistor (NPN)-CE Characteristics-I,V gain. 4. Prism-Min.Deviation graph i & d

II PUC CHEMISTRY COURSE PLAN

I Term May 20 – 19 August	II Term 20 August – 25 November	III Term 26 November – 31 March
1. Chemical Kinetics 2. Solutions 3. Electrochemistry 4. p – Block elements 5. Co ordination compounds 6. Solid State 7. Haloalkanes & Haloarenes 8. Alcohols,Phenols &Ethers 9. Aldehydes,Ketones & Carboxylic acids	10. Organic compounds containing nitrogen 11. Surface Chemistry 12. General Principles & Processes of isolation of elements 13. Bio-molecules	14. d-& f-Block elements 15. Polymers 16. Chemistry in everyday life

II PUC MATHEMATICS

COURSE PLAN

I Term May 20 – 19 August	II Term 20 August – 25 November	III Term 26 November – 31 March
Algebra 1. Matrices 2. Determinants Relations and functions 1. Relations and functions 2. Inverse trigonometric functions Linear programming 1. Linear programming Calculus 1. Continuity and differentiability 2. Applications of derivatives	Vectors and 3-D Geometry 1. Vector algebra 2. 3-D geometry Probability 1. Probability Calculus 1. Integrals 2. Application of integrals	Calculus 1. Differential Equation Revision

II PUC BIOLOGY

COURSE PLAN

I Term May 20 – 19 August	II Term 20 August – 25 November	III Term 26 November – 31 March
Reproduction, Genetics and Evolution, Biology in Human welfare	Biotechnology, Ecology	Ecology(Continued)

II PUC ELECTRONICS

COURSE PLAN

I Term May 20 – 19 August	II Term 20 August – 25 November	III Term 26 November – 31 March
<ol style="list-style-type: none">1. Bipolar junction transistor2. Transistor amplifiers3. Feedback in amplifiers4. Digital electronics5. Introduction to communication	<ol style="list-style-type: none">6. Operational amplifiers7. Modulation and Demodulation	<ol style="list-style-type: none">8. Oscillators9. Modern Communication System