GOVERNMENT DEGREE COLLEGE FOR WOMEN, SIDDIPET DEPARTMENT OF CHEMISTRY PROGRAMME OUTCOMES & COURSE OUTCOMES

S.NO	PAPER	PAPER TITLE	СО	COURSE OUTCOMES
	CODE			1
	RS 106		CO1-Inorganic Chemistry	Students gain
	D3 100			knowledge over
		CHEMISTRY-I		Chemical Bonding, P-
1			CO2 Organic Chomistry	Students gain
			CO2-Organic Chemistry	Knowledge about
				Structural theory in
				Organic chemistry.
				Acyclic
				Hydrocarbons like
				Alkanes, Alkenes,
				Alkynes, Aromatic
				hydrocarbons.
			CO3-Physical Chemistry	Students gain
				knowledge on
				Atomic structure
				and elementary
				quantum
				mechanics,
				Gaseous state,
				liquid state and
				solutions.
			CO4-General Chemistry	Students gain
				knowledge over
				General principles
				of Inorganic
				Qualitative
				Analysis,
				Isomerism, Solid
				state Chemistry.
2				
_	BS 206	CHEMISTRY-	CO1-Inorganic Chemistry	Students gain
	BS 206	CHEMISTRY-	CO1-Inorganic Chemistry	Students gain knowledge about P-
	BS 206	CHEMISTRY- II	CO1-Inorganic Chemistry	Students gain knowledge about P- Block elements-II,
	BS 206	CHEMISTRY- II	CO1-Inorganic Chemistry	Students gain knowledge about P- Block elements-II, Zero group

			CO2-Organic Chemistry	Students gain
				knowledge about
				Halogen
				Compounds
				Hydroxy
				compounds and
				Compounds and
				Ethers, Carbonyi
				Compounds
			CO3-Physical Chemistry	Students gain
				knowledge about
			CO4 Concred Chamistry	Electro chemistry
			CO4-General Chemistry	Students gain
				Quantitative
				Analysis Stereo
				Isomerism. Dilute
				Solutions and
				Colligative
				properties.
3	BS 306	CHEMISTRY-	CO1-Inorganic Chemistry	Students gain
				knowledge about f-
		111		block elements,
				Coordination
				compounds-I,Metal
				carbonyls and
				Organometallic
			CO2 Organic Chomistry	Organometallic Chemistry.
			CO2-Organic Chemistry	Organometallic Chemistry. Students gain
			CO2-Organic Chemistry	Organometallic Chemistry. Students gain knowledge about Carboxylic acids and
			CO2-Organic Chemistry	Organometallic Chemistry. Students gain knowledge about Carboxylic acids and derivatives.
			CO2-Organic Chemistry	Organometallic Chemistry. Students gain knowledge about Carboxylic acids and derivatives, Nitrohydrocarbons,
			CO2-Organic Chemistry	Organometallic Chemistry. Students gain knowledge about Carboxylic acids and derivatives, Nitrohydrocarbons, Amines, Cyanides
			CO2-Organic Chemistry	Organometallic Chemistry. Students gain knowledge about Carboxylic acids and derivatives, Nitrohydrocarbons, Amines, Cyanides and Isocyanides.
			CO2-Organic Chemistry CO3-Physical Chemistry	Organometallic Chemistry. Students gain knowledge about Carboxylic acids and derivatives, Nitrohydrocarbons, Amines, Cyanides and Isocyanides. Students gain
			CO2-Organic Chemistry CO3-Physical Chemistry	Organometallic Chemistry. Students gain knowledge about Carboxylic acids and derivatives, Nitrohydrocarbons, Amines, Cyanides and Isocyanides. Students gain knowledge about
			CO2-Organic Chemistry CO3-Physical Chemistry	Organometallic Chemistry. Students gain knowledge about Carboxylic acids and derivatives, Nitrohydrocarbons, Amines, Cyanides and Isocyanides. Students gain knowledge about Thermodynamics-I,
			CO2-Organic Chemistry CO3-Physical Chemistry	Organometallic Chemistry. Students gain knowledge about Carboxylic acids and derivatives, Nitrohydrocarbons, Amines, Cyanides and Isocyanides. Students gain knowledge about Thermodynamics-I, Thermodynamics-II.
			CO2-Organic Chemistry CO3-Physical Chemistry CO4-General Chemistry	Organometallic Chemistry. Students gain knowledge about Carboxylic acids and derivatives, Nitrohydrocarbons, Amines, Cyanides and Isocyanides. Students gain knowledge about Thermodynamics-I, Thermodynamics-II. Students gain
			CO2-Organic Chemistry CO3-Physical Chemistry CO4-General Chemistry	Organometallic Chemistry. Students gain knowledge about Carboxylic acids and derivatives, Nitrohydrocarbons, Amines, Cyanides and Isocyanides. Students gain knowledge about Thermodynamics-I, Thermodynamics-II. Students gain knowledge about
			CO2-Organic Chemistry CO3-Physical Chemistry CO4-General Chemistry	Organometallic Chemistry. Students gain knowledge about Carboxylic acids and derivatives, Nitrohydrocarbons, Amines, Cyanides and Isocyanides. Students gain knowledge about Thermodynamics-I, Thermodynamics-II. Students gain knowledge about Evaluation of
			CO2-Organic Chemistry CO3-Physical Chemistry CO4-General Chemistry	Organometallic Chemistry. Students gain knowledge about Carboxylic acids and derivatives, Nitrohydrocarbons, Amines, Cyanides and Isocyanides. Students gain knowledge about Thermodynamics-I, Thermodynamics-II. Students gain knowledge about Evaluation of analytical data,
			CO2-Organic Chemistry CO3-Physical Chemistry CO4-General Chemistry	Organometallic Chemistry. Students gain knowledge about Carboxylic acids and derivatives, Nitrohydrocarbons, Amines, Cyanides and Isocyanides. Students gain knowledge about Thermodynamics-I, Thermodynamics-II. Students gain knowledge about Evaluation of analytical data, Carbanions-I, Phase

Δ	BS 406		CO1-Inorganic Chemistry	Students gain
-				knowledge about
		IV		Coordination
				Compounds-II,
				Bioinorganic
				Chemistry.
			CO2-Organic Chemistry	Students gain
				knowledge about
				Carbohydrates,
				Aminoacids and
				proteins,
				Heterocyclic
				Compounds.
			CO3-Physical Chemistry	Students gain
				knowledge about
				Chemical Kinetics,
				Photo Chemistry.
			CO4-General Chemistry	Students gain
				knowledge about
				Theories of bonding
				in metals,
				Carbanions-II,
				Colloids and surface
				chemistry.
_			CO1 Inorganic Chamistry	Students gain
5	BS 505	CHEMISTRY-	CO1-Inorganic Chemistry	Students gain
5	BS 505	CHEMISTRY- V	CO1-Inorganic Chemistry	Students gain knowledge about
5	BS 505	CHEMISTRY- V	CO1-Inorganic Chemistry	Students gain knowledge about Coordination
5	BS 505	CHEMISTRY- V	CO1-Inorganic Chemistry	Students gain knowledge about Coordination compounds-II, and their applications
5	BS 505	CHEMISTRY- V	CO1-Inorganic Chemistry	Students gain knowledge about Coordination compounds-II, and their applications, Boranes and
5	BS 505	CHEMISTRY- V	CO1-Inorganic Chemistry	Students gain knowledge about Coordination compounds-II, and their applications, Boranes and Carboranes.
5	BS 505	CHEMISTRY- V	CO1-Inorganic Chemistry CO2-Organic Chemistry	Students gain knowledge about Coordination compounds-II, and their applications, Boranes and Carboranes. Students gain
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5	BS 505	CHEMISTRY- V	CO1-Inorganic Chemistry CO2-Organic Chemistry	Students gain knowledge about Coordination compounds-II, and their applications, Boranes and Carboranes. Students gain knowledge about Amines, Cyanides,
5	BS 505	CHEMISTRY- V	CO1-Inorganic Chemistry CO2-Organic Chemistry	Students gain knowledge about Coordination compounds-II, and their applications, Boranes and Carboranes. Students gain knowledge about Amines, Cyanides, Isocyanides,
5	BS 505	CHEMISTRY- V	CO1-Inorganic Chemistry CO2-Organic Chemistry	Students gain knowledge about Coordination compounds-II, and their applications, Boranes and Carboranes. Students gain knowledge about Amines, Cyanides, Isocyanides, Heterocyclic
5	BS 505	CHEMISTRY- V	CO1-Inorganic Chemistry CO2-Organic Chemistry	Students gain knowledge about Coordination compounds-II, and their applications, Boranes and Carboranes. Students gain knowledge about Amines, Cyanides, Isocyanides, Heterocyclic Compounds
5	BS 505	CHEMISTRY- V	CO1-Inorganic Chemistry CO2-Organic Chemistry CO3-Physical Chemistry	Students gain knowledge about Coordination compounds-II, and their applications, Boranes and Carboranes. Students gain knowledge about Amines, Cyanides, Isocyanides, Heterocyclic Compounds Students gain
5	BS 505	CHEMISTRY- V	CO1-Inorganic Chemistry CO2-Organic Chemistry CO3-Physical Chemistry	Students gain knowledge about Coordination compounds-II, and their applications, Boranes and Carboranes. Students gain knowledge about Amines, Cyanides, Isocyanides, Heterocyclic Compounds Students gain knowledge about
5	BS 505	CHEMISTRY- V	CO1-Inorganic Chemistry CO2-Organic Chemistry CO3-Physical Chemistry	Students gain knowledge about Coordination compounds-II, and their applications, Boranes and Carboranes. Students gain knowledge about Amines, Cyanides, Isocyanides, Heterocyclic Compounds Students gain knowledge about Chemical kinetics
5	BS 505	CHEMISTRY- V	CO1-Inorganic Chemistry CO2-Organic Chemistry CO3-Physical Chemistry CO4-General Chemistry	Students gain knowledge about Coordination compounds-II, and their applications, Boranes and Carboranes. Students gain knowledge about Amines, Cyanides, Isocyanides, Heterocyclic Compounds Students gain knowledge about Chemical kinetics Students gain
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				Photochemistry.
6	BS 508A	Chemistry-VI	CO1- Chromatography-I	Students gain
0		, Instrumental		knowledge about
		methods of		Solvent extraction,
		Analysis		Thinlayer and paper
		Analysis		chromatography.
			CO2- Chromatography-II	Students gain
				knowledge about
				Column
				Chromatography,
				Ion exchange, Gas,
				High performance
				liquid
				chromatography,
			CO3-Colorimetry and	Students gain
			Spectrophotometry	knowledge about
				Absorption and
				Spectro photometer
				Instrumentations, IR
			CO4 Electroapalytical	Students gain
			methods	knowledge about
			methous	Potentiometry
				Voltametry and Bulk
				methods.
7	BS 605	CHEMISTRY-VII	CO1-Inorganic Chemistry	Students gain
/	23 003		,	knowledge about
				Inorganic reaction
				mechanism,
				Bioinorganic
				chemistry, Hard and
				Soft acids and bases.
			CO2-Organic Chemistry	Students gain
				knowledge about
				Carbohydrates,
				Aminoacids and
				proteins.
			CO3-Physical Chemistry	Students gain
				knowledge about
				Thermodynamics-I
			CO4-General Chemistry	Students gain
				knowledge about
				Proton Magnetic
				Resonance
				Spectroscopy, Mass
				Spectroscopy,
	1	1		mennouynamics-ii.

8	BS 608A	CHEMISTRY-VIII (Medicinal Chemistry)	CO1-Introduction and terminology	Students gain knowledge about Diseases, Terminology in Medicinal Chemistry, Drugs
			CO2- Enzymes and Receptors	Students gain knowledge about Enzymes mechanism and Receptors
			CO3- Synthesis and Therapeutic Activity of Drugs	Students gain knowledge about Chemotherapeutics, Drugs to treat Metabolic disorders.Drugs acting on nervous system
			CO4- Molecular Messengers and health promoting drugs	Students gain knowledge about hormones and neurotransmitters and drugs to treat deficiency disorders

DEPARTMENT OF COMMERCE

PROGRAMME OUTCOMES

- B.Com program could provide Insurance companies, banking sector, Industries, Financing companies and Transport agencies etc., well trained professionals to meet the requirements.
- > After completion of this program student able to establish their business independently.
- Student able to perceive skills regarding Finance, Marketing, Administrative and various aspects.
- Student gets the practical exposure in the specialization of Accounting, Costing, Banking, Insurance and Taxation. This can help the students to stand in an organization
- With the knowledge of GST Registration, payment system, Student moves quickly in his organizational operations

	COMMERCE				
SN	CODE	TITLE	CO	COURSE OUTPUT	
0					
01	DSC	FINANCIAL	CO1	To Acquire conceptual knowledge of Accounting and	
	101	ACCOUNTING-I		Prepare Ledgers.	
			CO2	To Make the Students Acquire Knowledge of	
				Subsidiary Books and aware how to prepare Cash	
				book.	
			CO3	Student Acquire reasons for Disagree of Cash book	
				Passbook Balances.	
			CO4	Student Posses how to Rectify the Errors and	
				provisions for Depreciation According to Income Tax	
				Act	
			CO5	To Understand the preparation of Final Accounts and	
				prepare TRADING AND PROFIT/LOSS ACCOUNT	
				AND BALANCE SHEET	
02	DSC	BUSINESS	CO1	To get the conceptual knowledge of TRADE,	
	102	ORGANIZATION		INDUSTRY, COMMECE and Business also aware of	
		AND		types of Non Corporate Organizations.	

DEPARTMENT OF COMMERCE

		MANAGEMENT	CO2	To aware the concept of company and Types of
				company, also aware the important documents of
				company as per Companies Act 2013.
			CO3	To understand the Functions of Management
				Student believe that Company needs Management
				systems after completion.
			CO4	To Analyze the Management Planning and Objectives
				and get the knowledge about benefits and weaknesses
				of management by objectives(MBO)
			CO5	Students appreciate the need of authority, Coordination
				and Control.
03	BC201	FINANCIAL	CO1	Student appreciate the need for negotiable instruments
		ACCOUNTING-II		and procedure of accounting for bills promissory notes
				cheques Drafts.
			CO2	Student learn about consignment and aware of
				Accounting procedure.
			<u> </u>	The least of the Assessment of Tabut and the second
			COS	Understand the Accounts of Joint Venture.
			CO4	Student Distinguish between single entry system and
			0.04	Double Entry system also know the importance of
				double Entry system, also know the importance of
			CO5	Prepare the Accounts of non -profit organization
			0.00	repaire and recommendation provide organization
04	BC202	BUSINESS LAWS	CO1	Students acquire the knowledge of Indian contract Act.
				Distinguish types of contract.
			CO2	To become familiar with various cases regarding sale
			002	of goods act .
			CO3	To Acquire knowledge of Intellectual property rights
			<u> </u>	about copy rights patents trademarks.
			C04	To aware management system of companies.
			COS	Distinguish about modes of winding up of company.
05	BC 304	ADVANCED	CO1	To make the student to acquire the knowledge and
		ACCOUNTING		preparation of Accounts in the situation of admission
				and retirement of a partner.
			CO2	Enable the students to understand the dissolution of
				partnership and insolvency of a partner.
			CO3	Student acquire the knowledge about issue of shares,
				Debentures and bonus shares of a company provisions
				under company Act -2013
			CO4	Students get the knowledge about preparation of
			COS	Student posses the knowledge about valuation of
				Goodwill and Shares.
06	BC 305	INCOME TAX-I	CO1	Student acquire concentual and legal knowledge about
	2000			taxation system in India.
			CO2	To make the students to differentiate taxable Income
				and exempted Income.

			CO3	Student aware calculation of Income from Salary
			CO4	To enable the student to compute income from house
				property.
			CO5	To understand the capital gains.
07	BC306	BUSINESS	CO1	Student aware introduction about business statistics
		STATISTCS-I		and classification of tabulation of data.
			CO2	Student get the ingraining of Graphs and diagrams.
			CO3	To acquaint the student with basic knowledge of central tendency mean, mode, median,
			CO4	Student Acquire the knowledge of relative measures
				Range, Quarterly deviation, Mean Deviation, Standard Deviation.
			CO5	Student aware types of correlation and methods.
08	BC 307	EDBE	CO1	Enable the students to understand concept and functions of Entrepreneur.
			CO2	To have exposure to the Entrepreneurial development
				and culture.
			CO3	Student able to prepare projects
			CO4	To get the knowledge about the institutions for
				development of entrepreneurship
			CO5	To Inculcate the business ethics in the process of
				entrepreneurship.
00	DC 101		0.01	
09	BC 404	CORPORATE ACCOUNTING	CO1	To Analyze the Modes of company liquidations and prepare statement of affairs and liquidator
09	BC 404	CORPORATE ACCOUNTING	CO1	To Analyze the Modes of company liquidations and prepare statement of affairs and liquidator Final statement of account.
09	BC 404	CORPORATE ACCOUNTING	CO1	To Analyze the Modes of company liquidations and prepare statement of affairs and liquidator Final statement of account. Student aware the differences among the amalgamation
09	BC 404	CORPORATE ACCOUNTING	CO1 CO2	To Analyze the Modes of company liquidations and prepare statement of affairs and liquidator Final statement of account. Student aware the differences among the amalgamation ,absorption and internal reconstruction
09	BC 404	CORPORATE ACCOUNTING	CO1 CO2 CO3	 To Analyze the Modes of company liquidations and prepare statement of affairs and liquidator Final statement of account. Student aware the differences among the amalgamation ,absorption and internal reconstruction To get the accounting process of internal
09	BC 404	CORPORATE ACCOUNTING	CO1 CO2 CO3	To Analyze the Modes of company liquidations and prepare statement of affairs and liquidator Final statement of account. Student aware the differences among the amalgamation ,absorption and internal reconstruction To get the accounting process of internal reconstruction and acquisition business.
09	BC 404	CORPORATE ACCOUNTING	CO1 CO2 CO3 CO4	 To Analyze the Modes of company liquidations and prepare statement of affairs and liquidator Final statement of account. Student aware the differences among the amalgamation ,absorption and internal reconstruction To get the accounting process of internal reconstruction and acquisition business. To Analyze the schedules in the final accounts f business.
09	BC 404	CORPORATE ACCOUNTING	CO1 CO2 CO3 CO4	 To Analyze the Modes of company liquidations and prepare statement of affairs and liquidator Final statement of account. Student aware the differences among the amalgamation ,absorption and internal reconstruction To get the accounting process of internal reconstruction and acquisition business. To Analyze the schedules in the final accounts f banking companies.
09	BC 404	CORPORATE ACCOUNTING	CO1 CO2 CO3 CO4 CO5	 To Analyze the Modes of company liquidations and prepare statement of affairs and liquidator Final statement of account. Student aware the differences among the amalgamation ,absorption and internal reconstruction To get the accounting process of internal reconstruction and acquisition business. To Analyze the schedules in the final accounts f banking companies. To inculcate analytical conceptual ability of insurance company accounts
09	BC 404	CORPORATE ACCOUNTING	CO1 CO2 CO3 CO4 CO5 CO1	 To Analyze the Modes of company liquidations and prepare statement of affairs and liquidator Final statement of account. Student aware the differences among the amalgamation ,absorption and internal reconstruction To get the accounting process of internal reconstruction and acquisition business. To Analyze the schedules in the final accounts f banking companies. To inculcate analytical conceptual ability of insurance company accounts. To understand the types of capital gains and able to
09	BC 404 BC405	CORPORATE ACCOUNTING INCOMETAX-II	CO1 CO2 CO3 CO4 CO5 CO1	 To Analyze the Modes of company liquidations and prepare statement of affairs and liquidator Final statement of account. Student aware the differences among the amalgamation ,absorption and internal reconstruction To get the accounting process of internal reconstruction and acquisition business. To Analyze the schedules in the final accounts f banking companies. To inculcate analytical conceptual ability of insurance company accounts. To understand the types of capital gains and able to calculate tax liability of capital gins
09	BC 404 BC 405	CORPORATE ACCOUNTING INCOMETAX-II	CO1 CO2 CO3 CO4 CO5 CO1	 To Analyze the Modes of company liquidations and prepare statement of affairs and liquidator Final statement of account. Student aware the differences among the amalgamation ,absorption and internal reconstruction To get the accounting process of internal reconstruction and acquisition business. To Analyze the schedules in the final accounts f banking companies. To inculcate analytical conceptual ability of insurance company accounts. To understand the types of capital gains and able to calculate tax liability of capital gins
09	BC 404 BC405	CORPORATE ACCOUNTING INCOMETAX-II	CO1 CO2 CO3 CO4 CO5 CO1 CO2	 To Analyze the Modes of company liquidations and prepare statement of affairs and liquidator Final statement of account. Student aware the differences among the amalgamation ,absorption and internal reconstruction To get the accounting process of internal reconstruction and acquisition business. To Analyze the schedules in the final accounts f banking companies. To inculcate analytical conceptual ability of insurance company accounts. To understand the types of capital gains and able to calculate tax liability of capital gins Student able to evaluate tax liability on income from other sources.
09	BC 404 BC405	CORPORATE ACCOUNTING INCOMETAX-II	CO1 CO2 CO3 CO4 CO5 CO1 CO2 CO2	 To Analyze the Modes of company liquidations and prepare statement of affairs and liquidator Final statement of account. Student aware the differences among the amalgamation , absorption and internal reconstruction To get the accounting process of internal reconstruction and acquisition business. To Analyze the schedules in the final accounts f banking companies. To inculcate analytical conceptual ability of insurance company accounts. To understand the types of capital gains and able to calculate tax liability of capital gins Student able to evaluate tax liability on income from other sources.
09	BC 404	CORPORATE ACCOUNTING INCOMETAX-II	CO1 CO2 CO3 CO4 CO5 CO1 CO2 CO3	 To Analyze the Modes of company liquidations and prepare statement of affairs and liquidator Final statement of account. Student aware the differences among the amalgamation ,absorption and internal reconstruction To get the accounting process of internal reconstruction and acquisition business. To Analyze the schedules in the final accounts f banking companies. To inculcate analytical conceptual ability of insurance company accounts. To understand the types of capital gains and able to calculate tax liability of capital gins Student able to evaluate tax liability on income from other sources. Student aware provisions for clubbing of income and compute gross total income
09	BC 404 BC405	CORPORATE ACCOUNTING INCOMETAX-II	CO1 CO2 CO3 CO4 CO5 CO1 CO2 CO3 CO4	 To Analyze the Modes of company liquidations and prepare statement of affairs and liquidator Final statement of account. Student aware the differences among the amalgamation , absorption and internal reconstruction To get the accounting process of internal reconstruction and acquisition business. To Analyze the schedules in the final accounts f banking companies. To inculcate analytical conceptual ability of insurance company accounts. To understand the types of capital gains and able to calculate tax liability of capital gins Student able to evaluate tax liability on income from other sources. Student aware provisions for clubbing of income and compute gross total income
09	BC 404 BC405	CORPORATE ACCOUNTING INCOMETAX-II	CO1 CO2 CO3 CO4 CO5 CO1 CO2 CO3 CO4	To Analyze the Modes of company liquidations and prepare statement of affairs and liquidator Final statement of account. Student aware the differences among the amalgamation ,absorption and internal reconstruction To get the accounting process of internal reconstruction and acquisition business. To Analyze the schedules in the final accounts f banking companies. To inculcate analytical conceptual ability of insurance company accounts. To understand the types of capital gains and able to calculate tax liability of capital gins Student able to evaluate tax liability on income from other sources. Student aware provisions for clubbing of income and compute gross total income
09	BC 404 BC405	CORPORATE ACCOUNTING INCOMETAX-II	CO1 CO2 CO3 CO4 CO5 CO1 CO2 CO3 CO4 CO4	To Analyze the Modes of company liquidations and prepare statement of affairs and liquidator Final statement of account. Student aware the differences among the amalgamation ,absorption and internal reconstruction To get the accounting process of internal reconstruction and acquisition business. To Analyze the schedules in the final accounts f banking companies. To inculcate analytical conceptual ability of insurance company accounts. To understand the types of capital gains and able to calculate tax liability of capital gins Student able to evaluate tax liability on income from other sources. Student aware provisions for clubbing of income and compute gross total income Student capable to assess the tax liability of a individual

11	BC 406	BUSINESS	CO1	To inculcate analytical and conceptual ability of Linear
		STATISTICS-II		non linear regression
			CO2	Student able to use Index numbers
			CO3	To acquire the knowledge about time series and its advantages and limitations
			CO4	Student able to apply the probability in his /her routine life
			CO5	To acquire the knowledge regarding various distribution methods
12	BC407	FINANCIAL STATEMENT	CO1	To learn Financial Statements and prepare balance sheet and profit and loss account.
		ANALYSIS	CO2	To acquire the knowledge and techniques of financial statements.
			CO3	To analyze the various ratios regarding financial statements
			CO4	To prepare funds flow statements and analyze sources and application of funds.
			CO5	Student know impotence of cash flow analysis.
13	BC503	COST	CO1	To make the student acquire the knowledge of cost
		ACCOUNTING		accounting
			CO2	To measure the value of material by using various methods
			CO3	Student able to compute wages by using various
			005	techniques
			CO4	To prepare cost sheet and find out cost per unit
			CO5	To know the contract and process costing and prepare
				process accounts.
14	BC504	BUSINESS LAW	CO1	Students acquire the knowledge of Indian contract Act. Distinguish types of contract.
			CO2	To become familiar with various cases regarding sale of goods act.
			CO3	To Acquire knowledge of Intellectual property rights about copy rights patents trademarks .
			CO4	To aware management system of companies.
			CO5	Distinguish about modes of winding up of company.
15	BC505	BANKING	C01	Student learn Banking system in India and to know
		THEORY AND		emerging trends in commercial banking in India
		PRACTICE	CO2	To gain the knowledge of reserve bank of India and its importance
			CO3	To acquire the knowledge in Banking System and
			005	learn various banks in India
			CO4	Student able to opening an account in the bank
			CO5	Student acquire the knowledge of negotiable
				instruments
16	BC 506	AUDITING	CO1	To understand the meaning of auditing and evaluate
				accounts
			CO2	To know the qualifications and disqualifications
			000	regarding appointment of auditor,
			CO3	To learn the various techniques in auditing.

			CO4	To know the objectives and types of vouchers,
			CO5	To acquire the knowledge in the verification and
				assets.
17	BC 507	COMPUTERIZED	CO1	To introduce Tally ERP9. To aware function key s in
		ACCOUNTING		Tally.
			CO2	To make the students to acquire the knowledge of
			001	creating inventory masters and Stock groups.
			CO3	Student abele to Recording Day to Day transactions by
			000	using ERP.
			CO4	To get the knowledge about Recording and manage
				Bills Receivable and Bills payable.
			CO5	To aware management information system and
				Distinguish advantages and disadvantages of MIS.
18	BC508	ACCOUNTING	CO1	To make students acquire knowledge of provisions of
		STANDERDS		India accounting standards.
			CO2	To learn accounting standards from 1 to 9
			CO3	Student can use Accounting standards from 10 to 17
			CO4	Student able to apply Accounting standards from 18to
				29
			CO5	To learn Significance and implementations of
				Accounting standards in India.
19	BC 603	THEORY AND	CO1	To aware introduction of GST in india.
		PRACTICE OF	CO2	Student get the knowledge of getting started with GST
		GST	CO3	To make the student acquire knowledge about
				recording advanced entries GST adjustment.
			CO4	Student aware getting started with GST (services)
			CO5	To acquire the knowledge Migration to GST.
20	BC 604	COMPANY LAW	CO1	To understand legal provisions for incorporation of
				companies.
			CO2	To acquire the knowledge of management system of
				companies.
			CO3	To aware about appointment, removal, duties of
				company secretary.
			CO4	To understand the Proxy Agenda, Quorum and various
				meetings held in the company
			CO5	Distinguish about modes of winding up of company.
21	BC605	MANAGERIAL	CO1	To acquire the meaning, features, objectives, functions,
		ACCOUNTING		advantages and disadvantages of Managerial
				Accounting.
			CO2	Student to know the importance of Marginal Costing.
			CO3	To learn how to take decisions in the process of make
			004	or buy and operate or shut down.
			CO4	To make the student acquire the knowledge about
			005	preparation of various budgets.
- 22	DOCOC		C05	To learn steps involved in Standard costing.
22	BC606	COMMERCE LAB	COL	To became familiar with basic business documents
				such as Trade license, Labor license and Health
			<u> </u>	Student allo to once the account in the heal of
			002	Student able to open the account in the bank also
1		1	1	aware the KIC, AT WI and Loan application form.

			CO3	To prepare the Memorandum of association and
				Articles of association.
			CO4	To analyze the PAN, TAN, TDS, GST Dealer and
				refund of income tax.
			CO5	To prepare the business charts.
23	BC607	FINANCIAL	CO1	To understand the recent developments in the Indian
		INSTITUTIONS		financial system.
		AND MARKETS	CO2	To familiar with various banking system.
			CO3	To get the knowledge about Money market in India.
			CO4	To acquire the knowledge of Debt market in India.
			CO5	To understand the Equity market, Stock exchange and
				recent developments in Indian Stock exchanges.
24	BC608	ADVANCED	CO1	To gain knowledge of Accounting Standard -21
		CORPORATE	CO2	Student get to know Double Accounting system and
		ACCOUNTING		able to prepare accounts of Electricity Companies.
			CO3	To learn Methods of accounting for Price level
				changes.
			CO4	To understand the Lease Accounting and journalize.
			CO5	To recognize the importance of Human Resource
				Accounting and Social Responsibility Accounting.
25	BC301	PRINCIPLES OF	CO1	To learn the principles and advantages of Insurance.
		INSURANCE	CO2	To understand the types insurance.
26	BC401	PRINCIPLES OF	CO1	To learn the principles of Life Insurance.
		LIFE	CO2	Student gets to know policies of Life Insurance.
		INSURANCE		
27	BC501	PRACTICE OF	CO1	To aware the classification of General Insurance,
		GENERAL	CO2	Student posses the concepts of Underwriting,
		INSURANCE		Premium, Claims, and Insurance reserves.
28	BC601	REGULATION OF	CO1	To equip the students with the knowledge regarding
		INSURANCE	a a a	Insurance regulations in India.
		BUSINESS	CO2	To acquire the knowledge regarding rights of policy
•	2000		G 04	holder, Nomination and Assignment.
29	BC502	INTRODUTION	COI	To provide an overview of Indian Economy.
		TO INDIAN	CO2	To make the student acquaint with the latest
20	DCCCC	ECONOMY	001	developments in the Economy.
29	BC602	SECTORS OF	COL	To equip the student with the knowledge regarding
		INDIAN	GOG	basics of the Indian Economy.
		ECONOMY	CO2	To acquire the knowledge of Industries.

DEPARTMENT OF COMPUTERS AND COMPUTER APLLICATIONS

BSC(MPCs)	Hands-on experience in various practical steps to solving the problems / programming / experimental techniques, data presentation in offline and online. Effective use the software – Java, Operating System and Computer Networks.
BCOM(COMPUTER APLLICATIONS	Hands-on experience in prepare documents, translate number system, various practical steps to solving the problem/ programming / experimental techniques, data presentation. Effective use the software – MS Excel and E-Commerce.

DEPARTMENT OF COMPUTERS AND COMPUTER APLLICATIONS

	BSC(MPCs)						
SNO	COD	TITLE	СО	COURSE OUTPUT			
	Е						
01	BS106	PROGRAMMING IN 'C'	C01	Understand the computer and its types, memory Hierarchy, Generations, Classifications, Software development, Algorithms, Flowcharts, basics of 'C'- Tokens, Keywords, data types.			
			CO2	Formatted, Non-formatted Input / output functions, Control statements, How to implements arrays and strings.			
			CO3	Different Functions, Storage classes , Pointers, Dynamic memory Allocations			
			CO4	04 Structures and Unions, Working with Text and Binary Files			
02	BS206	PROGRAMMING	CO1	O1 C++ Applications, Data types, Operators, Functions, Oops			
		IN 'C++'		Concepts.			
			CO2	Implementation of Classes, Constructors and Aggregation			
			CO3	Types of inheritances, Polymorphisms and C++ Streams.			
			CO4	Exception Handling mechanism and Different Templates			
				in C++			
03	BS306	DATA	CO1	INTRODUCTION TO DIFFERENT Data Structures, All Array			
		STRUCTURES		concepts, Stack Applications			
			CO2	Recursion, Queue and Linked List Applications			
			CO3	Different Trees, Graphs and hashing Mechanisms			
			CO4	Different Searchings and Sortings , Heaps			
04	BS406	DATABASE	CO1	Basic Data base techniques, Data base Languages, Data			
		MANAGEMENT		models and relational Algebra			
		SYSTEM	CO2	SQL and Advanced SQL Programming			
			CO3	E-R model and Normalization with different normal forms			

			CO4	Transaction management and Concurrency control with			
				different locks, Database Recovery and Techniques			
05	BS506	PROGRAMMING	CO1	Java introduction, Data types, Arrays, Classes, Objects,			
		IN JAVA		Constructors and inheritance.			
			CO2	Implement different packages, Exception Handling, Multi			
				threading and input/output Streams.			
			CO3	Develop Applets with its life cycle, Event Handling, AWT			
				and Data base handling with JDBC			
06	BS506	OPERATING	CO1	Introduction of Operating System, Architecture,			
		SYSTEM		Structures, Process management, and Synchronization.			
			CO2	CPU Scheduling and Dead locks Mechanism			
			CO3	and File system.			
07	BS605	COMPUTER	CO1	Data Communication, Topologies, Categories of networks			
		NETWORKS		, Layer Architecture, layers, Protocols, Transmission			
				media, multiplexing.			
			CO2	Data link layer, Local Area Networks and switching.			
			CO3	3 Networking and Internetworking Devices, Transport layer, Upper OSI Layers.			
08	BS606	WEB	CO1	Understand all HTML Tags including attributes, forms,			
		TECHNOLOGIES		frames, base, images, anchor, Audio and Video and XHTML			
			CO2	Cascading style sheets with properties, Page layout and design issues.			
			CO3	Learning Java Script with document objects model.			
				Working with java Script and putting your site on the			
				web.			
		BCOM(COMPL	JTERS	AND COMPUTER APPLICATIONS)			
SNO	COD	TITLE	СО	COURSE OUTPUT			
	E						
01	BC107	INFORMATION	CO1	Understand the Computer, its Generations, types and			
		TECHNOLOGY		memory			
			CO2	Operating System and its types, Virus and Hackers			
			03	Macros. Tables. Headers and Footers.			
			CO4	Prepare Excel documents with worksheet, analyze data			
				with graphs and charts, functions and formulas, Macros			
				and sorting Filtering, validate the data			
			CO5	Power point presentation with slides, Internet, Browsers,			
				Multimedia, IT Security.			
02	DSC10	FUNDEMENTALS	CO1	Understand the Computers, its Characteristics,			
	3	OF		Generations, Types, Applications and input, output			
		INFORMATION	ļ	devices			
		TECHNOLOGY	CO2	Number Systems and its conversions, memory			
			CO3	Soft ware and its needs, Operating System, Types of			
				Languages, Application Software.			

			CO4	Operating System and its types, Assemblers, Compilers			
				and Interpreters.			
			CO5	Data Communication, Types of Networks, Topologies,			
				Protocols.			
03	BC207	MANAGEMENT	CO1	Concept and definition of MIS, Data processing, End user			
		INFORMATION		computing, MIS Structure, Functions and Levels of			
		SYSTEM		management.			
			CO2	Information System and its types, Frame work and			
				development of Information System.			
			CO3	Planning and control process of an organization,			
				Information System, Business process.			
			CO4	Internet and Ecommerce, Information System for			
				Managerial decision support.			
			CO5	Supply Chain management, Management System Analysis			
				and design, SDLC, Cost benefit analysis.			
04	BC207	RELATIONAL	CO1	Analysis of Database, DBMS and its Architectures, DBA			
	& DCCA			Tunctions, Roles and Data Dictionary, Entity Relationship			
	BCCA		602	Model. Relational database Integrity, Normalization and Normal			
	008	STSTEIVI	02	Forms Physical database design issues File Organizations			
			CO3	SOL Meaning Commands Oueries Joins Views <			
			005	Sequences			
			CO4	Transactions and concurrency control with different locks			
				Dead locks, Security and Integrity.			
			CO5	DDBMS and Client server databases and architectures.			
05	DSC20	PROGRAMMING	CO1	'C' Language introduction, History, basic Structure,			
	3	WITH C AND C++		Variables, data types and Operators.			
			CO2	Conditional and Looping Control Statements			
			CO3	Built in , User Defined Functions, Develop the programs			
				with Arrays and Strings.			
			CO4	with Arrays and Strings. Understanding of Pointers, Structures Unions and			
			CO4	with Arrays and Strings. Understanding of Pointers, Structures Unions and Enumerated data types.			
			CO4 CO5	with Arrays and Strings. Understanding of Pointers, Structures Unions and Enumerated data types. Differences between C and C++, Object oriented			
			CO4 CO5	with Arrays and Strings. Understanding of Pointers, Structures Unions and Enumerated data types. Differences between C and C++, Object oriented concepts, classes, objects, inheritance, polymorphism,			
			CO4 CO5	with Arrays and Strings. Understanding of Pointers, Structures Unions and Enumerated data types. Differences between C and C++, Object oriented concepts, classes, objects, inheritance, polymorphism, encapsulation and abstraction.			
06	BC307	PROGRAMMING	CO4 CO5 CO1	 with Arrays and Strings. Understanding of Pointers, Structures Unions and Enumerated data types. Differences between C and C++, Object oriented concepts, classes, objects, inheritance, polymorphism, encapsulation and abstraction. Introduction of 'C' Language, History, Pre-processors, Key 			
06	BC307	PROGRAMMING WITH C	CO4 CO5 CO1	 with Arrays and Strings. Understanding of Pointers, Structures Unions and Enumerated data types. Differences between C and C++, Object oriented concepts, classes, objects, inheritance, polymorphism, encapsulation and abstraction. Introduction of 'C' Language, History, Pre-processors, Key words, Constants, Variables, Data types, and input output 			
06	BC307	PROGRAMMING WITH C	CO4 CO5 CO1	 with Arrays and Strings. Understanding of Pointers, Structures Unions and Enumerated data types. Differences between C and C++, Object oriented concepts, classes, objects, inheritance, polymorphism, encapsulation and abstraction. Introduction of 'C' Language, History, Pre-processors, Key words, Constants, Variables, Data types, and input output operations. 			
06	BC307	PROGRAMMING WITH C	CO4 CO5 CO1 CO2	 with Arrays and Strings. Understanding of Pointers, Structures Unions and Enumerated data types. Differences between C and C++, Object oriented concepts, classes, objects, inheritance, polymorphism, encapsulation and abstraction. Introduction of 'C' Language, History, Pre-processors, Key words, Constants, Variables, Data types, and input output operations. Different Operators and Decision making and Looping control statements. 			
06	BC307	PROGRAMMING WITH C	CO4 CO5 CO1 CO2	 with Arrays and Strings. Understanding of Pointers, Structures Unions and Enumerated data types. Differences between C and C++, Object oriented concepts, classes, objects, inheritance, polymorphism, encapsulation and abstraction. Introduction of 'C' Language, History, Pre-processors, Key words, Constants, Variables, Data types, and input output operations. Different Operators and Decision making and Looping control statements. 			
06	BC307	PROGRAMMING WITH C	CO4 CO5 CO1 CO2 CO3	 with Arrays and Strings. Understanding of Pointers, Structures Unions and Enumerated data types. Differences between C and C++, Object oriented concepts, classes, objects, inheritance, polymorphism, encapsulation and abstraction. Introduction of 'C' Language, History, Pre-processors, Key words, Constants, Variables, Data types, and input output operations. Different Operators and Decision making and Looping control statements. Develop programs with Arrays and Strings. Built in and user defined functions. 			
06	BC307	PROGRAMMING WITH C	CO4 CO5 CO1 CO2 CO3 CO4 CO5	 with Arrays and Strings. Understanding of Pointers, Structures Unions and Enumerated data types. Differences between C and C++, Object oriented concepts, classes, objects, inheritance, polymorphism, encapsulation and abstraction. Introduction of 'C' Language, History, Pre-processors, Key words, Constants, Variables, Data types, and input output operations. Different Operators and Decision making and Looping control statements. Develop programs with Arrays and Strings. Built in and user defined functions. 			
06	BC307	PROGRAMMING WITH C	CO4 CO5 CO1 CO2 CO3 CO4 CO5	 with Arrays and Strings. Understanding of Pointers, Structures Unions and Enumerated data types. Differences between C and C++, Object oriented concepts, classes, objects, inheritance, polymorphism, encapsulation and abstraction. Introduction of 'C' Language, History, Pre-processors, Key words, Constants, Variables, Data types, and input output operations. Different Operators and Decision making and Looping control statements. Develop programs with Arrays and Strings. Built in and user defined functions. Understand structures , unions, Enumerated data types and nointers 			
06	BC307	PROGRAMMING WITH C	CO4 CO5 CO1 CO2 CO3 CO4 CO5	 with Arrays and Strings. Understanding of Pointers, Structures Unions and Enumerated data types. Differences between C and C++, Object oriented concepts, classes, objects, inheritance, polymorphism, encapsulation and abstraction. Introduction of 'C' Language, History, Pre-processors, Key words, Constants, Variables, Data types, and input output operations. Different Operators and Decision making and Looping control statements. Develop programs with Arrays and Strings. Built in and user defined functions. Understand structures , unions, Enumerated data types and pointers. Object oriented programming concepts benefits 			
06	BC307 BC407	PROGRAMMING WITH C OBJECT ORIENTED	CO4 CO5 CO1 CO2 CO3 CO4 CO5 CO1	 with Arrays and Strings. Understanding of Pointers, Structures Unions and Enumerated data types. Differences between C and C++, Object oriented concepts, classes, objects, inheritance, polymorphism, encapsulation and abstraction. Introduction of 'C' Language, History, Pre-processors, Key words, Constants, Variables, Data types, and input output operations. Different Operators and Decision making and Looping control statements. Develop programs with Arrays and Strings. Built in and user defined functions. Understand structures , unions, Enumerated data types and pointers. Object oriented programming concepts, benefits, introduction to C++, C++ data types, Tokens, Operators 			

[1		1				
		IN C++	CO2	C++ Classes, Purpose of Constructors and its types, object types, Abstraction classes, Dynamic Memory Allocation.			
			602	types, Abstraction classes, bynamic Memory Anocation.			
			03	Function and operator overloading, Data and Type			
				conversions, inheritance and its types.			
			CO4	Polymorphism and its types, formatting input output			
				operations.			
			CO5	Understand Exception Handling, introduction to Stacks,			
				Queues and Linked Lists.			
08	BCCA5	EXCEL	CO1	Understand work book, work sheets, Ribbons, shortcut			
	06	FOUNDATION		menus, Task panes, Cell contents, Data type techniques,			
				Number formatting.			
			CO2	Different operations on work sheets and cells			
			CO3	Tables and formatting the text in work sheet			
			CO4	Different Excel files and Templates.			
			CO5	How to print our work.			
09	BCC50	WEB	CO1	Understand Hyper text, Formatting text, forms, anchors,			
	8	TECHNOLOGY		Backgrounds, Lists and Tables.			
			CO2	Dynamic web page, cascading Style Sheets and			
				Multimedia effects			
			CO3	Client and Server side Java script, Functions, Arrays, Event			
				Handling.			
			CO4	Event handling with Key, Mouse and Window.			
			CO5	XML Documents, Style sheets , Hyper links.			
10	BC607	E- COMMERCE	CO1	Understand E- Commerce, its impact, e-trading, E-			
	(a)			Learning, E-Shopping.			
			CO2	Frame work of E-Commerce, Layers, Protocols,			
				Encryption, Decryption.			
			CO3	Consumer oriented E-Commerce Applications, E-Cash, E-			
				Cheque, Electronic Fund Transfer.			
			CO4	Electronic Data Interchange, Security and privacy issues.			
			CO5	E-Commerce Marketing Techniques, Chain letters, Role of			
				digital Marketing.			

DEPARTMENT OF HISTORY

PROGRAMME SPECIFIC OUTCOME

Being a subject of social science, history has its own value in society and human life. It helps the students to develop their ethical and social value. They could gather knowledge about the heritage and tradition of their own country and the others.

There is huge potentiality in future of a history student. Various options are opened to history students to choose their career. First of all, history is a subject from primary education level to higher study, so they can engage themselves in teaching profession in primary, secondary and post secondary schools. History is also helpful for those who are preparing for WBCS and SSC. A history student may choose his or her career in journalism or any other editorial board. They may get job in museum, archives and libraries. Beside those, in the field of research and archaeology they may proceed.

COURSE OUTCOME FOR HISTORY

HONOURS SYLLABUS

PART 1

PAPER 1: HISTORY OF INDIA EARLIEST TIMES TO 700

Students of History Honors can achieve knowledge regarding geographical background and sources with approaches to Ancient Indian History. They learn about pre and proto history of our country, emergence and growth of earlier dynasties like Maurya, Gupta and the empires in Post Maurya period as well as in Post Gupta period and also learn Pushyaboothi Dynasty.

PAPER 2: HISTORY OF INDIA C. AD. 700-1526

History students will acquire knowledge about historiography of Ancient India. The socio, political, economic, religious and cultural features of early medieval India are vividly depicted in this paper. The history of Delhi Sultanate is thoroughly described in this portion. Students can gather knowledge regarding Sultanate administration, socio-cultural –political situation of Delhi under Sultanate and also acquire knowledge about Kaktiya and Vijayanagara Dynasties .

PART 2

PAPER 3: HISTORY OF INDIA C. AD. 1526-1857

The Mughal is a topic of controversy and attraction for their purse-proud to history lovers. Students will learn from this paper how did Mughal polity, economy, trade, commerce, society, culture become so famous in medieval period. They also learn the history of downfall of the Mughals, the end of an era and they also learn the revolt of 1857. It is inspiration for Indian Independence.

PAPER 4: HISTORY OF INDIA C. AD. 1857-1964

To understanding Modern India this paper is essential. Students from history stream will get knowledge about the penetration, expansion and consolidation of British Rule in India. Indian awakening, cultural changes and socio-religious reforms movements. Students of History Honours acquire knowledge about communal politics, partition in India in between 1947-1964.

PART 3

PAPER 5: HISTORY OF MODERN WORLD 1453 TO 1815

The students of history honours learn about some significant events of Modern. Such as – Renaissance, Humanism, Reformation, Scientific Revolution, Mercantilism, American War of Independence, the Industrial Revolution, Revolt of French War. They will get knowledge from the debates which explain the transition of feudalism to capitalism.

PAPER 6: HISTORY OF TELANGANA EARLIEST TIME'S TO 1724

This paper give knowledge for students greatness of Telangana history, geographical features of Telangana pre History. They also know history of shathavana's their administrative socio economical and religion art and architecture and also know post shathavana's period, Kakatiya's and Qutbshahi's thgeir culture.

PAPER 7: HISTORY OF MODERN WORLD 1850-1950

This paper derived to causes of first world war, rassian revolution 1917 and causes of second world war and also they know the knowledge of organs of UNO.

PAPER 8: HISTORY OF TELANGANA 1724 TO 2014

Students will gather knowledge about the impact of Nizam's Dynasty and peacent armed struggle. Also know the knowledge of Formation of Telangana.

DEPARTMENT OF MATHEMATICS

S.NO	PAPER CODE	PAPER TITLE	OBJECTIVE	со	COURSE OUTCOME
1	DSC-1A BS:101 SEM-I	Differential and integral calculus	The course is aimed at exposing the students to some basic notion in differential calculus.	Co1	By the time students complete the course they realize wide ranging Applications of the subject.
2	DSC-1B BS:201 SEM-II	Differential equations	The main aim of this course is to introduce the students to the techniques of solving differential Equations and to train to apply their skills in solving some of the problems of	Co1	After learning the course the students will be equipped with the various tools to solve few types' differential equations that arise in several branches of science.
			engineering and science.	Co2	Students understand how to differentiate linear and non-linear differential equation.
				Co3	Understand how to resolve the differential equations into rational and solve it.
				Co4	Solve equations for p ,X and Y , explain clairauts equation
				Co5	o find solution of higher – order linear differential equations with variable coefficients, solve the Cauchy-Euler equations

3	DSC-1C BS:301 SEM-III	REAL ANALYSIS	The course is aimed at exposing the students to the foundations of analysis which will be useful in understanding various physical phenomena.	Co1 Co2	After the completion of the course students will be in a position to appreciate beauty and applicability of the course. Understand the concept of sequence and series and p-test
				Co3	Students understand the concept continuous functions and uniform continuity.
				Co4	Derivatives and apply Mean value theorems.
				Co5	Identity of Riemann integral functions
4	DSC-1D BS-401 SEM-IV	ALGEBRA	The course is aimed at exposing the students to learn some basic algebraic structures like groups rings etc	Co1	Students understand the concepts of limits ,continuity, discontinuity, uniform continuity
				Co2	Understand the topic groups and cyclic groups. Identity of classification of subgroups cyclic groups.
				Co3	Permutation groups and isomorphism's, and auto orphisms. Introduction to ring and integral domains.
				Co4	Identity of ideals and factor rings and ring homeomorphisms.

BS:501 SEM-V PAPER-V PAPER-V B
SEM-V PAPER-V concepts like vector appreciate its Image: PAPER-V spaces, bases, dimension, Eigen values concepts like vector interdisciplinary nature. Image: Concepts like vector Image: Concepts like vector Image: Concepts like vector Image: Concepts like vector Image: Concepts like vector Image: Concepts like vector concepts like vector concepts like vector concepts like vector Image: Concepts like vector concepts like vector concepts like vector concepts like vector Image: Concepts like vector concepts like vector concepts like vector concepts like vector Image: Concepts like vector concepts like vector concepts like vector concepts like vector
PAPER-V spaces, bases, dimension, Eigen values etc interdisciplinary nature. Co2 Vector spaces, sub spaces, linear Dimension of vector space and sub
dimension, Eigen values etc Co2 Vector spaces, sub spaces, linear Dimension of vector space and sub
etc Co2 Vector spaces, sub spaces, linear Dimension of vector space and sub
spaces, linear Dimension of vector space and sub
of vector space and sub
I Space. Definitions
operations on vectors
and scalars
Co2 Pank and Nullity of linea
transformations
invertible linear
transformations
Ordinary derivatives of
gradient Divergence
gradient, Divergence,
co4 Inner product spaces.
6 DSC-1E/A SOLID GEOMETRY Students learn to Col Students understand the
BS: 506 describe some of the beautiful interplay
SEM-V Surfaces by using between algebra and
PAPER-VI analytical geometry. geometry.
Co2 Students understand the
topic sphere, plane,
tangent plan, and two
spheres.
Co3 identity of cones and
cylinders and the
coincide
7 DSC-1F/A NUMERICAL ANALYSIS Students will be made Co1 Students realize the
BS:601/A to understand some importance of the subject
SEM-VI methods of numerical in solving some problem
PAPER-VII analysis. of algebra and calculus.

				Co2	Student's observation in the topic bisection method, iteration method, false method and Newton, mullers method.
				Co3	Understand the concepts interpolation and polynomial approximation, curve fitting, taylors series method Euler's, and rungs kutta method.
8	DSC-1F/B BS:606 SEM-VI PAPER-VIII	VECTOR CALCULUS	Concepts like gradient, divergence,curl and their physical relevance will be taught.	Co1	Students realize the way vector calculus is used to addresses some of the problems of physics.
				Co2	Understand the concept line integrals and surface integrals, aflow through a pipe evolution of surface integrals.
				Co3	Student understand volume integrals

GDC{w} SIDDIPET

B.Sc 1 year Botany CBCS Theory syllabus

Core course -Semester-1-paper-1,Lectures-

Course description: Microbial Diversity and Lower plants

Executive summary of course: This course is has four units.

First unit of this course covers Bacteria and viruses structure, nutrition ,reproduction ,economic importance.

Second unit of this course covers cyan bacteria general characters and economic importance. Structure and reproduction of the Chlorophyceae, phaeophyceae, Rhodophyceae. Third units of this course covers fungi general characters and classification of fungi .Structure and reproduction of the Mastigomycotina,Zygomycotina,Ascomycotina,Basidiomycotina,Deuteromycotina. Fourth unit of this course covers Structure and reproduction of the bryophytes, Pteridophytes stellar evolution.heterospory and seed habit in pteridophytes

Expected Student out comes;

Students can understand origin and evolution life with reference to microbes .the main importance of course is to understand the structures of microbes and their economic importance for day to daily life.

student can explain the importance the Microbial diversity ,describe the distribution and occurrence of Microbes.

discus about the classification of the Microbes.

analyze the difference between various Microbes ,know the economic importance of the Microbes in day to daily life.

Student can explain the importance of plant diversity .Describe the distribution and occurrence of Bryophytes and Pterido phytes .

Employment opportunities: After completion of this course students can gets employment in can start consultancy of advice formers on various plant virus, Bacterial diseases. They can settle as lower plant taxonomist.

B.Sc 1 year Botany CBCS Theory syllabus

Core course - Semester-2-paper-2,Lectures -60 hours

Course description: Gymnosperms, Taxonomy of Angiosperms and Ecology

Executive summary of course: This course is has four units

First unit of this course covers Gymnosperms Pinus and Gnetum general characters and economic importance

Second unit of this course covers Taxonomy

Types of classifications, Nomenclature and resources and herbarium techniques ,applications

Third units of this course covers economic importance of plants belonging to the polypetalous, Gamopetalae, Monocotyledons.

Fourth unit of this course covers Ecology

Concept and components of ecosystem, energy flow, food chains, food webs, ecological pyramids biochemical cycles carbon cycle, plants and environment. population ecology, Community ecology, production ecology

Expected Student out comes

They can settle as higher plant taxonomist.

B .Sc 2 year Botany CBCS Theory syllabus

Core course -Semester-3-paper-3,Lectures⁻ 60

<u>Course Discription</u>: Taxonomy of Angiosperms and medicinal botany this course explores plant morphology and economic importance of plants and medicinal values of plants .

Executive summary of course: This course is has four units

first unit of this course covers Taxonomy

Types of classifications, Nomenclature and resources and herbarium techniques ,applications

Second units of this course covers economic importance of plants belonging to the polypetalae, Gamopetalae, Monocotyledons.

Third unit of this course covers Ayurveda, Sidda, Unani ,homeopathic systems. Medicinal values of Tippateega, Tulasi, pippallu, karakaya,kalabanda, turmeric.

Fourth unit of this course covers sarpagand hi, Aswagandha, nela usiri, amla and brahmi.plant crud drugs types, methods of collection, processing and storage practices.

Expect student out comes :

Student will understand the natural classification system and phylogenatic classification system and Plant morphology.

student can learn Scientific names of plants.

Students will understands the Medicinal plants values and discus about the medicinal plants values

Employment opportunities: BSI,

They can settle as higher plant taxonomist.

B .Sc 2 year Botany CBCS Theory syllabus

Core course - Sernester-4-paper-4,Lectures

Course Description: plant anatomy, embryology and palynology This course explores funda mental procedures of plant anatomy, embryology.

Executive summary of Course: this course is has three units First unit of this course covers meristems types, root apices and shoot apices theories. tissues types, leaf anatomy .Second unit of this course covers stem and root anatomy . Wood structure and their importance. Third unit of this course covers anther structure and micro sporogenesis .ovule structure and types ,mega sporogenesis, embryo sac types. Fourth unit of this course covers pollination types, fertilization .Endosperm -development and types. Palynology

Expected student outcome:

Student can explain the importance of plant anatomy and discus about the importance of wood plants

employment opportunities: Artificial pollination centers

B .Sc 3 year Botany CBCS Theory syllabus

Core course - Semester-S-paper-5,Lectures"

Course Description: Cell Biology and Genetics

Executive Summary of course: this course is has three units

First units of this course covers plant cell envelops ,nucleus stutters, nucleic acids, chromosome morphology, special types chromosomes, extra nuclear genome.

Second unit covers cell division, mendelism, linkage, genetic maps.

Third unit covers mutations types, genetic code, process of dna replication, mechanisms of trans creation **in** prokariotesand eukaryotes. regulation of gene expression in prokaryotes.

Programme specific out comes or Expected student out comes

Tha students will be able to learn about the basics of cell and cell organs Understand the basic concept of mendelian gegetics and mutations types . Students can discuss the mutatations types

Employoment opportunities

Cell biology and genetics can lead to a multitude of careers in botany Careers in a research and lab and greater levels of education afford more opportunities.

B .Sc 3 year Botany CBCS Theory syllabus

Core course-Semester-5-paper-5, Lectures

Course Description: Cell Biology and Genetics

Executive Summary of course: this course is has three units

First units of this course covers plant cell envelops ,nucleus structures, nucleic acids, chromosome morphology, special types chromosomes, extra nuclear genome

second unit covers cell division, mendelism, linkage, genetic maps.

third unit covers mutations types, genetic code, process of dna replication, mecanisam of trans creation in prokariotesand eukaryotes. regulation of gene expression in prokaryotes.

Programme specific out comes or Expected student out comes

Tha students will be able to learn about the basics of cell and cell organs

Understand the basic concept of mandolin genetics and mutations types . Students can discuss the mutatations types

B.Sc 3 year Botany CBCS Theory syllabus

Core course - Semester-S-paper-6,Lectures⁻

Course Description: Ecology and Biodiversity

Executive summary of course: this course is has three units .

First units of this course covers ecosystem .Concept and components of ecosystem, energy flow, food chains, food webs, ecological pyramids biochemical cycles carbon cycle, plants and environment

Second units of this course covers population ecology, Community ecology ,production ecology

Third unit of this course covers biodiversity concepts, biodiversity levels, threats and value, hot spots of India, principles of conservation.

Expected student outcome:

the value addition of biodiversity, know about conservation of biodiversity

Employment opportunities:

B .Sc 3 year Botany CBCS Theory syllabus

Core course - Semester-6-paper-7,Lectures

Course description: plant physiology

This course explores fundamental procedures of plant physiology

Executive summary of course: this course is has three units first units of this course covers plant and water relations and the various types of essential elements useful for plant growth translocation of organic substances. Enzymes nomenclature, characteristics, classification mechanism and regulation of enzyme action.

Second units of this course covers photosynthetic pigments, phosystems, photophosphorylation, carbon assimilation pathways ,nitrogen metabolism.

Third units of this course covers respiration, phytohormones, physiology of flowering and photoperiodism, stress physiology.

Expected student outcome;

- 1. know importance and scope of plant physiology.
- 2. to understand the plants and plant cells in relation to water.
- 3. understand the process of photosynthesis.

4.understand the respiration.

Employment opportunities; after completion of this course students can get employment in 1 .plant growth centers

2. can go for higher studies

To became knowledgeable in plant and its water relations students will able to gain knowledge on rate of micronutrients in plant growth and development.

To acquire knowledge in plant growth regulators and its uses, understand the physiology of flowering and photoperiodic.

B.Sc 3 year Botany CBCS Theory Syllabus

Core course -semesster-6-paper-8, Lectures⁻

Course Description: Tissue culture and Biotechnology Executive summary of course:

This course is has three units

First units of this course covers tissue culture sterilization procedures, explants, culture media, micro propagation, organ culture, callus culture, somatic hybrids and hybrids.

Second units of this course covers;

Applications of tissue culture, biotechnology introduction, history, scope and applications, r-DNA technology.

Third units of this course covers gene cloning, gene libraries, method of gene transfer in plants and production of transgenic plants, application of transgenic in crop improvement.

Expected student outcome;

1.understand the principle and basic protocols for plant tissue culture. 2.know about the genetic engineering.

3.Understand the basic principles of plant tissue culture get to know the genetic transformation methods.

Employment opportunities;

After completion of this course students can get employment in Plant tissue culture and grafting centers.

Biotechnology research centers.

DEPARTMENT OF ECONOMICS

Sl.No	Paper Code	Paper Title	СО	Cource out Comes
			CO-1 Concept of Micro Economics	This course is designed to provide basic understanding of Micro Economic Concepts, behaviour of Economic Agent-Consumer Producer and factor owner-Price Fluctuations in the Market.
			Consumer Behaviour	The module includes in this course deal with concepts of Consumer Behaviour, Production Market, factor prising and welfare Economics
01		Micro Economics	Co-3 Revenue and Cost	Identifying the nature of Revenue and cost of Production theory of cost traditional theory of cost short run and long run cost TC ac and MC-Reasons for the U shape of the average cost curve-L Shaped and saucer shaped curves.
			CO-4 Market Pricing	Understanding pricing in different Markets.
			CO-1 Concept of Macro Economics	Identifying the basic concepts and theories of Macro Economics.
02		Macro Economics	CO-2 National l Income	Understanding various concepts such as GDP, GNP,NDP,NNP,PI,DI,PCI,and National Income.
			CO-3 Theories of Income and Employeement.	This topic equips the students to understand systems facts and theoretical developments.
			CO-3 Supply and Demand for Money	Understanding various concepts such as M1,M2,M3,andM4.
			CO-4 Trade Cycles	Knowing features, phases and theories of Trade Cycles.
			CO-1 Introduction	The purpose of this course is to give an perspective about the role of state in
		Public Economics	CO-2 Public Expenditure	Analysis and design of public expenditure policies
03			CO-3 Taxation and public debt	Understand the distributional effects of taxation and Govt.debt
			CO-4 Federal Finance	This cource enables the students to understand the various issues between Central and State Government.
			CO-5 Budget	Fostering the economic activities via budget
02		Economics Public Economics	Income and Employeement. CO-3 Supply and Demand for Money CO-4 Trade Cycles CO-1 Introduction CO-2 Public Expenditure CO-3 Taxation and public debt CO-4 Federal Finance CO-5 Budget	 Inscripte equips the students to undefstund systems facts and theoretical developments. Understanding various concepts such as M1,M2,M3,andM4. Knowing features, phases and theories of Trade Cycles. The purpose of this course is to give an perspective about the role of state in Analysis and design of public expenditure policies Understand the distributional effects of taxation and Govt.debt This cource enables the students to understand the various issues between Central and State Government. Fostering the economic activities via budget

			CO-1 Structure of the Indian Economy	The objectives of the cource are to equip the the students with the theoretical. Empirical and policies issue relating to the Society, Policy and Economy of India.
		Indian	Indian Agriculture	Under standing and evality the changes of Agriculture
04	Economy	CO-3 Indian Industry and Services	Evaliting the Changes role of Industrial and service sector in Indian Economy	
			CO-4 Planning in India	Understanding charactaristics, features, structural changes in Indian Economy.the Cource in particular has been prepare in the back round of the Globalization Process and its ramifications on the Knowledge Economy.
			CO-1 Economic Development and Growth	Under Standing the concept and aspects of Economic Development and Growth
05		Development Economics	CO-2 Factors in Economic Development	Measuring the concept and issues of Economic planning.
05			CO-3 Theories of Economic Development	Knowing the Theories of Economic Development and Growth.
			CO-4 Theories of Under Development	To Enable the Students to Understand the theories and strategies of under Development and Growth.
06		International Economics	CO-1 Theories of International Trade	The objectives of this course or to arrive at an understanding of theories of International Trade and to examine the impact of the trade policies on the dynamics gains.
		Economics	CO-2 Trade and Growth	Finding similarities and dissimilarities in inter- Reasonal and International trade.
			CO-3 Barriers to Trade	Discussing the types and effects of tariffs and quotas.
			CO-4 Balance of Payments	Critically comment on and participate in current debates on international exports and imports policies of India.
07		Demography	CO-1 Meanining and Scope of Demography CO-2	Describe a veriety of demographic theories such as Mathusian Cornucpian and Demographic transitition theories

Population	Demographic and Economic data. Analyse the
Trends in the	Demographic characteristics of Population.
20 th century	
CO-3	Understanding Demographic Measurements
Fertility	like fertility.
CO-4	Factors that impact Population include birth
Migration	rates mortality rates and migration.

Programme Specific out Comes of Economics

Understanding how Different degrees of Competition in a market effects pricing and output. Understanding the efficiency and equity implications of market interference including Govt. Policies. Developing the Skill of Data Collection and use of sampling techniques in research. Developing the knowledge about theories of economic Growth and Development Issues of economic Planning. Creating awareness about changing macroeconomic policies and theories. To Provide students with opportunity to focus an applied and policy issues in economics.

GOVERNMENT DEGREE COLLEGE FOR WOMEN – SIDDIPET ENGLISH PROGRAM OUTCOMES & COURSE OUTCOMES

Programme	Combination	Programme Outcomes	Programme Specific
Programme B.A /BSc./B.Com	Combination General English	Programme OutcomesAll the U.Gprogrammes (B.A,B.Sc, B.Com) haveEnglish ascompulsory language.The motto behind isto improve thelanguage skills likeL.S.R.W (listening,speaking, reading,writing) of allstudents in the class.An English languagelab was establishedin the college to givepractice invocabulary, accent,usage andcommunicativeskills. This helps thestudents to developbettercommunication skillsin English.Students getexpertise in Letterwriting, Notemaking, paragraphwriting and inResume /CV	Programme Specific outcomes All the U.G programmes (B.A, B.Sc, B.Com) have English as compulsory language .The motto behind is to improve the language skills like L.S.R.W (listening, speaking, reading, writing) of all students in the class. An English language lab was established in the college to give practice in vocabulary, accent, usage and communicative skills. This helps the students to develop better communication skills in English. Students get expertise in Letter writing, Note making, paragraph writing and in Resume /CV
		proparation.	preparation.

S.No	Paper code	Paper Title	СО	COURSE OUTCOMES	
1	1232	Mechanics, Waves & Oscillations	CO1	Physical significance of gradient of scalar field, divergence and curl of vector field. Applications of Gauss & Green theorems.	
			CO2	Understand the principle of rockets propulsion, collisions in 2D & 3D. Concept of Rutherford's scattering experiment and its importance	
			CO3	Knowing and applying Euler equations. Analysis of processional velocity of symmetric top	
			CO4	Basic understanding of central force with examples. Verification of Kepler's laws, application to Planetary system	
			CO5	Understanding the concepts of relativity, frame of reference, Lorentz transformations, length contraction and time dilation.	
2	2231	Waves & Oscillations	C01	Analyzing the Simple Harmonic Motion, characteristics. Determination of acceleration due to gravity "g" by Compound pendulum & rigidity modulus by Torsion pendulum	
			CO2	Apply the concept of damping to determine logarithmic decrement & quality factor. Differential equation of forced harmonic oscillator and its equation and applied in daily life.	
			CO3	Basic understanding of Ultrasonics, different production methods and applications	
3	3231	Thermodynamics & Wave optics	CO1	Understanding the basic concepts of Thermodynamics and the kinetic theory of gases, transport phenomenon	
			CO2	Knowing the thermodynamic potentials and deriving the Maxwell's equations, and their application to different thermodynamic system	
			CO3	Knowledge of interference and its applications	
4	4231	Radiation Physics & optics	CO1	Understand the concept of low temperature Physics and its applications	
			CO2	Knowing different laws and formulae in Quantum theory of radiation. And measurement of radiation by using different Pyrometers.	

			CO3	Understanding the polarization and different methods of conversion of unpolarized light into polarized light. Basics of Fiber optics.
5	5231	Electricity, Magnetism & Electronics.	CO1	Understand the Gauss's law and its applications of electrostatics & basics of dielectrics.
			CO2	Analyze the electric & magnetic fields and understand the Biot savart's law and apply it to long straight wire & solenoid
			CO3	Understand the basic concepts of electronics, working of p-n junction diodes and analysis of transistor configurations
6	5232	Modern Physics	CO1	Understand the evolution of atomic models spectra of different elements, the effect of electric and magnetic field on the spectra
			CO2	Understand the properties of the nucleus and the models associated with it.
			CO3	The theories behind the alpha and beta decays. Different detectors used to detect alpha, beta & gama radiations
			CO4	Understanding the basic theories of superconductivity
			CO5	Basic understanding of the crystal structure and also experimental study of it.
1				

PROGRAMME OUTCOMES & COURSE OUTCOMES

GOVERNMENT DEGREE COLLEGE FOR WOMEN, SIDDIPET

DEPARTMENT OF POLITICAL SCIENCE

Program Outcomes, Program Specific Outcomes Course Outcomes

POLITICAL SCIENCE

Semester I PAPER – I

Unit- I

- > To understand the political theory, evolution, nature and significance.
- > To discuss contemporary debates in political theory.
- > To make differentiate between the normative and empirical approaches.

Unit- II

- ➤ To discuss what is Political?
- ➢ What is state? Meaning, definitions
- To discuss the Origin of state theories, divine origin, social contract and historical and evolution.
- > To discuss the importance of power and authority in politics.
- > To discuss the authoritative allocation of values.

PROGRAMME OUTCOMES & COURSE OUTCOMES

- > To discuss sovereignty, features and various kinds of sovereignty.
- > To discuss contemporary challenges to the state sovereignty.

Unit- III

- > To discuss political values and theoretical perspectives.
- > To discuss different views of liberty like liberal, Marxist and feminist.
- > To discuss different views of equality like liberal, Marxist and feminist.
- > To discuss different views of equality like liberal, Marxist and feminist.

Unit- IV

> To discuss Political Ideologies like Liberalism, Nationalism and Multiculturalism

Unit- V

- > To discuss Political Institutions and Functions
- > To the organs of government Legislature, Executive and Judiciary
- > To discuss the role of Political Parties, Pressure Groups, Media in politics

Semester II

Paper - I Western Political Thought

To demonstrate knowledge of key thinkers and concepts

- > To understand the nature, methods and significance of political thought.
- > To analyse the theory of ancient & medieval political thought of Greek and India.
- To appreciate the ideas of them in context of classification of government, law and revolutions and slavery.
- To understand the relationship between religion and politics in early modern western political thought.
- > To acquire knowledge about modern political thinkers and theirs view on state craft.
- To compare with the social contractualists thoughts of Hobbes, lock, and Rousseau and their view regarding state, government and general will.
- > To appreciate the concept of liberty, representative government.,
- > To analyse the Marxist philosophy in making a better society.
- > To thoroughly compare the democratic revolution and creation of civil society.
- > To appreciate the various social and political ideas of Indian political thinker
- > To inculcate the spirit of *ahimsa, satyagraha*, through Gandhi ideology
- > To criticizes the causes for the theory of caste system in India and their impact

Semester III

Paper -- II Indian government and politics

- > To understand the philosophy of Indian constitutions.
- > To identify the causes, impact of British colonial rule.

PROGRAMME OUTCOMES & COURSE OUTCOMES

- > To appreciate the various phases of Indian national movement.
- > To create value in young youth regarding the patriotism.
- > To understand the various Government of Indian acts their provision and reforms.
- > To know the salient features in making of Indian constitution
- > To appreciate the socio-economic political factors which lead to the freedom struggle.
- > To understand the constitutional orderings and institutional arrangement.
- > To appreciate the fundamental rights and duties and the directive principle of state policy.
- > To evaluate the evolution, functioning and consequences of political parties in India.
- > To identify how electoral rules and procedure in India effect election outcomes.

Semester IV

Paper – IIINDIAN GOVERNMENT AND POLITICS

- To discuss about Union Government
- > To discuss about the President: Election; Powers and Functions.
- > To discuss the Parliament: Composition; Powers and Functions.
- > To discuss the Prime Minister and Council of Ministers.
- To discuss the Supreme Court: Composition; Powers and Functions Judicial Review; Judicial Activism.
- Critically evaluating the Indian Party system its development and looking at the ideology of dominant national parties
- Evaluating the role of various forces on Indian politics: religion; language; caste; tribe; regionalism; business; working class and peasants
- Evaluating the Electoral Process in India with focus on the Election Commission: Composition, Functions and Role
- Investigating the New Social Movements since the 1970s: environmental movements, women's movement and human rights movement

Semester V

Paper - III POLITICAL THOUGHT

To demonstrate knowledge of key thinkers and concepts

- > To understand the nature, methods and significance of political thought.
- > To analyse the theory of ancient & medieval political thought of Greek and India.
- To appreciate the ideas of them in context of classification of government, law and revolutions and slavery.
- To understand the relationship between religion and politics in early modern western political thought.
- > To acquire knowledge about modern political thinkers and theirs view on state craft.
- To compare with the social contractualists thoughts of Hobbes, lock, and Rousseau and their view regarding state, government and general will.
- > To appreciate the concept of liberty, representative government.,
- > To analyse the Marxist philosophy in making a better society.
- > To thoroughly compare the democratic revolution and creation of civil society.
- > To appreciate the various social and political ideas of Indian political thinker

PROGRAMME OUTCOMES & COURSE OUTCOMES

- > To inculcate the spirit of ahimsa, satyagraha, through Gandhi ideology
- > To criticizes the causes for the theory of caste system in India and their impact

Semester VI

Paper –IIIPOLITICAL THOUGHT

- To discuss GWF Hegel- Dialectics and Theory of State &TH Green- Rights and Political Obligation.
- > To discuss Marxist Philosophy
- > To discuss Karl Marx: Dialectical and Historical Materialism.
- ➤ To discuss neo Marxist philosophy
- To discuss Mao Ze dong: On Contradictions, New Democratic Revolution. Antonio Gramsci: Hegemony and Civil Society.
- To discuss ancient Indian Political Thought of Buddha- Social and Political Ideas; Dhamma and Sangha. Basava - Social Ideas. JyotiraoPhule- Critique of Brahmanism, Social Revolution.
- > To discuss Indian Nationalist Political Thought
- Mohandas Karamchand Gandhi Ahimsa, Satyagraha. Jawaharlal Nehru Democratic Socialism, Secularism. Dr. B.R. Ambedkar- Theory of Caste, Annihilation of Caste and State Socialism.

Semester VI

Paper –IV International Relations

To understand the evolution, scope and significance of international relations and the rise of sovereign state system

- To analyze the history of international relational through the causes and phases of colonialism.
- To know the impact of first world war and second world war and its causes and consequences
- > To criticizes the various ideologies which lead to the destruction of world.
- > To appreciates the post war developments through the emergence of third world.
- > To understand the concept of power, national, regional ,global and peace security
- > To acquaint with the international organizations and their modules nations.
- > To understand the international political economy.
- > To analyse the international security Arms Race. Arms control and Disarmament.
- > To understand the emerging area in international relations.
- > To appreciate the foreign policy their determinants features& its relevance.
- To critically analyse the Indian's bilateral relations with major power and neighboring countries.
- > To identify various issues and challenges towards international relations
- > To learn about issues of diversity and internationalism

Semester VI

Paper -IV International Relations

PROGRAMME OUTCOMES & COURSE OUTCOMES

- > Understanding the nature and developments in national and international politics
- > Analyzing the Indian constitutional provisions, major legislations and reforms.
- Critical evaluation of social, economic and political variables for a proper understanding of the plurality of Indian society
- Building overall consciousness regarding national political history, international relations and present Indian and Western political thinkers.
- Encouraging a comprehensive, comparative understanding of specific world constitutions such as UK, USA, China, Russia, Switzerland and France.
- Developing knowledge of administrative studies with special reference to Indian administrative structures and practices.
- > Examining India's foreign relations with her neighbours and great powers.
- Use of case study method for analysing the working of important international and regional organizations like UN, EU, ASEAN etc.

GE/SEC/GE&SEC

- Environmental Studies and Gender Sensitization
- Computer Science
- Citizen Ships and Civil Rights
- Local Self Governments

B.A H.E.P	POLITICAL SCIENCE	Meant to reach the higher peak of examinations i.e., groups, civil and many more	 The programmes with humanity subjects' specifically political science throw light on effective citizenship. This enables the students to develop an ideal society with social concern and equity cantered nation. This type of learning triggers the spirit of the students to act upon social issues and participate in civic life through volunteering. All UG programmes curriculum emphasizes on values and ethics. The students learnt the value their life and others and give importance to values and customs and maintain good rapport with others like harmony in the family and society – harmony in human relationship, understanding the harmony in the family – the basic unit of human interaction. Trust and respect as the foundational values of relationship. This course is covered in the I-semester of the UG degree.

	Political Science: Comprehend the basic theories of political Science, structures and processes of government systems and political theories.
	2. participate as a good citizen of the society learning ethics and moral values;
	3. analyze political and policy problems and participate in formulating policy options;
	4. use electronic and traditional library resources to research key local, state, national and international policy issues and present results;
	 5. demonstrate critical thinking, including the ability to form an argument, detect fallacies, and martial evidence, about key issues of public policy and politics; 6 discuss the major theories and concepts of political science and its subfields; and deliver thoughtful and well articulated presentations of research findings.

PROGRAMME OUTCOMES & COURSE OUTCOMES

DEPARTMENT OF TELUGU

COURSE OUTCOME:

The deparment of telugu in learning two text books for the first year{semester 1st and 2nd} second year {3rd and 4th semesters}telugu made every for the first year and telugu in use for the second year have seen prescribe both these text books.

S.NO	PAPER CODE	PAPER TITLE	СО	COURSE OUTCOME
1	-	Telugu - 1{semester I AND II}	Co1 Old poetry	Student taste "old poetry" And attitude positives telugu literature
2	-	Telugu - 1	Co2 Model poetry	Student taste "model poetry" attitude positives in telugu literature
3	-	Telugu - 1	Co3 Non detailed	Student read novel in this year that is
				"Rudramadevi" also student learn about novel writing and "characterization"
4	-	Telugu - 1	Co4 Grammer part	Student learn the grammer part sandulu, samasalu , nanarthalu, paryayapadalu.

PROGRAMME OUTCOMES & COURSE OUTCOMES

5	-	Telugu – 2{semester III AND IV}	Co1 Old poetry	Student taste beauty of "old poetry' and improve attitude positives in our telugu literature
6	-	Telugu – 2	Co2 Model poetry	Student taste "model poetry" attitude positives in telugu literature
7	-	Telugu-2	Co3 drama	Student performed dramas in this year that is use ful for creating and awareness of the different kinds of activities.
8	-	Telugu – 2	Co4 Grammer part	Student learn grammer parts alankaralu

DEPARTMENT OF TELUGU

PROGRAM OUTCOMES:

S.NO	PROGRAMME	COMBINATION	CODE	PROGRAMME OUT COMES
			NO.	

1	BA	General	Co1	All the UG
	всом	telugu I &II	Co2	programmes
	BSC	years	002	BA(HEP),
	МРС		Co3	B.Com(Gen)&
	MPCS			(CA)and
				BSC(BZC/MPC/MPCS)
				here telugu student
				llearn the did poetry
				and modern poetry,
				non- detail, drama
				,gr4ammer part .

PROGRAMME OUTCOMES & COURSE OUTCOMES

Programme	outcome		
programme	Combination	Programme outcome	 Programme SPECIFIC OUTCOMES ZOOLOGY: understand how animals have evolved how they function and they interact with their environment. Zoology, Toxicology, Entomology, Nematology Sericulture, Biochemistry, Fish biology Animal
			 biology, Animal biotechnology, immunology and research methodology Analyses the relationships among animals, plants and microbes

B.SC-ZOOLOGY

- Recognized the relationships between structure and function at different levels of biological organization for the major groups of animals
- Explained how organisms function at the level of the gene, genome, cell, tissue, organ and organ-system. Drawing upon this knowledge, they are able to give specific example of the physiological adaptations, development, reproduction and behavior of different forms of life
- Understood the applied biological sciences or economic Zoology such as

PROGRAMME OUTCOMES & COURSE OUTCOMES

sericulture, Apiculture, aquaculture, Industrial microbiology, rDNA technology and medicine for their career opportunities.

- Demonstrated a broad understood of animal diversity, including knowledge of the scientific classification and evolutionary relationships of major groups of animals
- Characterized the biology, chemical, and physical features of environments (terrestrial, freshwater, marine, host) that animals inhabit. Explained how animal function and interact with respect to biological, chemical and physical processes in natural and impacted environments

Programme Outcomes

- Students gain knowledge and skill in the fundamentals of animal sciences, understands ,the various living organisms
- Analyses complex interactions among the various animals of phyla, their distribution with the environment
- Apply the knowledge and understanding of Zoology to one's own life and work
- Understands the complex evolutionary processes and behavior of animals
- Gain knowledge of Agro based Small Scale industries like sericulture, fish farming , vermicompost preparation envelops empathy and love towards the animals
- Vermicomposting practices help grow farm ideas in students
- Silkworm breeding students realize that they make income at home

10	percode	per title		purse out comes
	pre-l	NIMAL	D1	entify and classify
	theory/Practical	DIVERSITY OF		INVERTEBRATES
		INVERTEBRATE		organisms from
		S		protozoa to
				echinodermata
			D2	udents will gain
				Dissection skills
				INVERTEBRATES
			D3	mpare different
				systems in
				INVERTEBRATES
	pre-ll	eory/Practical	D1	udents will be able to
	theory/Practical	ANIMAL		classify the different
		DIVERSITY OF		vertebrate organisms
		VERTEBRATES		

	1		
		D2	udents will gain Dissection skills INVERTEBRATES
		D3	nderstanding basic principles of inheritance
pre-lll theory/Practical	COLOGY ,ZOOGEOGRAPH Y and ANIMAL BEHAVIOUR	D1	ology can lead to a career as a veterinarian, zoologist independent research
		D2	udent understand the animal behavior
		03	Understand how animals have evolved how they function and they interact with their environment.
pre-lV theory/Practical	ELL BIOLOGY, GENETICS AND EVOLUTION	D1	entify various cellular organelles and their structure and function
		D2	Mechanisms of cell division and chromosomal segregation
		D3	nderstanding about the concept of Evolution

Core-III	IYSIOLOGY AND	D1	escribe the physiology
theory/Practical	BIOCHEMISTRY		of basic processes in human body
		D2	ammalian Gland identify
		D3	nderstanding the Estimation of BIOCHEMISTRY
SC-l(A) theory/Practical	PPLIED ZOOLOGY	D1	Vermicomposting practices help grow farm ideas in students
		02	Silkworm breeding students realize that they make income at home
		03	DULTRY VISIT- AND REPORT
SC-ll theory/Practical	IMUNOLOGY AND ANIMAL BIOTECHNOLOG Y	D1	udents can get knowledge on various methods developed for transgenic organisms.
		02	sic understanding the innate and adaptive immune responses
		03	actical knowledge is developed in clinical science
SC-ll(A) theory/Practical	uatic Biology	D1	is a very good thing to educate students about pond pollution

	02	wareness of Lake is a
		very good thing to
		students
	03	udents master through
		the launch process