

Department of Commerce

Programs :

I. Business Organization and Management

II. Business Laws

III. Business Statistics-I

IV. Business Statistics-II

V. Business Economics

VI. Theory and Practice of GST

Department	Semester		Course	Unit 1	Unit 2	Unit 3	Unit 4	Unit 5	Faculty Taught
Business	I	Theory	Business Organization and Management	INTRODUCTION AND FORMS OF BUSINESS ORGANISATIONS	JOINT STOCK COMPANY	INTRODUCTION TO FUNCTIONS OF MANAGEMENT	PLANNING AND ORGANISING	AUTHORITY, COORDINATION AND CONTROL	Shujath Ali
	II	Theory	Business Laws	INDIAN CONTRACT ACT	SALE OF GOODS ACT AND CONSUMER PROTECTION ACT	INTELLECTUAL PROPERTY RIGHTS	MANAGEMENT OF COMPANIES AND MEETINGS	MANAGEMENT OF COMPANIES AND MEETINGS	Shujath Ali
	III	Theory	Business Statistics-I	INTRODUCTION	DIAGRAMMATIC AND GRAPHIC PRESENTATION	MEASURES OF CENTRAL TENDENCY	MEASURES OF DISPERSION, SKEWNESS AND KURTOSIS	CORRELATION	Shujath Ali
	IV	Theory	Business Statistics-II	REGRESSION	INDEX NUMBERS	TIME SERIES	PROBABILITY	THEORITICAL DISTRIBUTIONS	Shujath Ali
		Theory	Business Economics	INTRODUCTION	DEMAND ANALYSIS	SUPPLY ANALYSIS	PRODUCTION ANALYSIS	COST AND REVENUE ANALYSIS	Shujath Ali

	V					ANALYSIS	ANALYSIS	REVENUEANALYSIS	
		Theory	Theory and Practice of GST	INTRODUCTION TO GST	GETTING STARTED WITH GST	RECORDING ADVANCED ENTRIES, GST ADJUSTMENT AND RETURN FILING	GETTING STARTED WITH GST (SERVICES)	RECORDING ADVANCED ENTRIES AND MIGRATION TO ERP	Shujath Ali
	VI								

Department of Accounts

Programs :

I. Financial Accounting-I

II. Financial Accounting-II

III. Income Tax/Excel Foundation

IV. Cost Accounting

V. Cost Control and Management Accounting

Department	Semester		Course	Unit 1	Unit 2	Unit 3	Unit 4	Unit 5	Faculty Taught
Accounts	I	Theory	Financial Accounting-I	ACCOUNTING PROCESS	SUBSIDIARY BOOKS	BANK RECONCILIATION STATEMENT	RECTIFICATION OF ERRORS AND DEPRECIATION	FINAL ACCOUNTS	Gopal Krishna
	II	Theory	Financial Accounting-II	BILLS OF EXCHANGE	CONSIGNMENT ACCOUNTS	JOINT VENTURE ACCOUNTS	ACCOUNTS FROM INCOMPLETE RECORDS	ACCOUNTING FOR NON-PROFIT ORGANIZATIONS	Gopal Krishna

	III	Theory	Advanced Accounting	PARTNERSHIP ACCOUNTS-I	PARTNERSHIP ACCOUNTS-II	ISSUE OF SHARES, DEBENTURES, UNDERWRITING AND BONUS SHARES	COMPANY FINAL ACCOUNTS AND PROFIT PRIOR TO INCORPORATION	VALUATION OF GOODWILL AND SHARES	Gopal Krishna
	IV	Theory	Income Tax/Excel Foundation	INTRODUCTION	INCOME FROM SALARIES	INCOME FROM HOUSE PROPERTY	PROFITS AND GAINS OF BUSINESS OR PROFESSION	CAPITAL GAINS AND INCOME FROM OTHER SOURCES	Gopal Krishna
	V	Theory	Cost Accounting	INTRODUCTION	MATERIAL	LABOUR AND OVERHEADS	UNIT AND JOB COSTING	CONTRACT AND PROCESS COSTING	Gopal Krishna
	VI(A)	Theory	Cost Control and Management Accounting	INTRODUCTION TO MANAGEMENT ACCOUNTING & MARGINAL COSTING	BUDGETARY CONTROL AND STANDARD COSTING	TECHNIQUES OF FINANCIAL STATEMENT ANALYSIS	FUNDS FLOW ANALYSIS	CASH FLOW ANALYSIS (AS-3)	Gopal Krishna

Department of Mathematics

Programs :

I. Differential & Integral Calculus

II. Differential equations

III. Real analysis

IV. Algebra

V. Linear Algebra

VI. Analytical Solid Geometry

Department	Semester		Course	Unit 1	Unit 2	Unit 3	Unit 4	Faculty Taught
Mathematics	I	Theory	Differential & Integral Calculus	Partial Differentiation	Theorem on Total Differentials	Curvature & Evolutes	Lengths of plane curves	G Ranga Reddy
	II	Theory	Differential equations	Differential equations of first order and first degree	Differential equations of first order but not of first degree	Higher order Linear differential equations	Partial differential equations	G Ranga Reddy
	III	Theory	Real analysis	Sequences	Continuity	Differentiation	Integration	G Ranga Reddy
	IV	Theory	Algebra	Groups Cyclic groups	Permutation groups	Normal sub groups & factor groups	Ideals and factor rings	B krishna Reddy
	V	Theory	Linear Algebra	Vector spaces	Rank change of basis	Diagonalization	Orthogonality & least Squares	B krishna Reddy

	VI(c)	Theory	Analytical Solid Geometry	Sphere	Cones & Cylinders	The right circular cone	The coincide	B Krishna Reddy
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Department of Political Science

Programs :

I. Understanding political theory

II. Western political Thought

III. Indian Political Thought

IV. Constitution & politics of India

V. Politics of Development, International Relations, Government & Politics in Telangana

VI. Global politics, Contemporary political Theory

Department	Semester		Course	Unit 1	Unit 2	Unit 3	Unit 4	Unit 5	Faculty Taught
Political science	I	Theory	Understanding political theory	Political theory	What is political?	Political values & Theoretical perspective	Political ideologies	Political institutions & Functions	Keshavulu
	II	Theory	Western political Thought	Greek political thought	Medieval & Early modern thought	Social Contractualists	Utilitarian Thought	Philosophy of Dialectics	Krishnaiah
	III	Theory	Indian Political Thought	State & society in Ancient India	Medieval political Thought	Renaissance Thought	Reformist Thought	Socialist Thought	K Krushnaiah
	IV	Theory	Constitution & politics of India	Constitutional Development in India	Institutional Framework	Federal Politics	Electoral Politics in India	Issues in Indian Politics	Krishnaiah

	V	Theory	Politics of Development	Development: Meaning ,Nature, Importance	Development Debates	State &Development in India	Issues of Development in the post-Economy Reformers period		
	V(A)	Theory	International Relations	International Relations- Nature ,Evolution & scope ;State &Non-state Actors in IR, west	European conquest of Asia and Africa	Cold war :détente,end of the cold war disintegration of the soviet union American hegemony	India's Foreign policy determinants ;features: Non Alignment	India's relations with USA:China: Pakistan;Srilanka and Nepal	Krishnaiah
	V(B)	THEORY	Government & Politics in Telangana	State Politics	States Reorganization in India	Demand for separate Telangana	Politics of formation of Telangana	Formation of Telangana	
	VI(A)	Theory	Global politics	Power, Elements of power ,Balance of power , Growing Importance of Soft power	Security, Collective Security, Bipolarity, Multipolarity, Unipolarity	Human Rights; Agencies of human rights; protection Terrorism, Environmental Issues	World Bank & IMF;UNCTAD;North-South Dialogueand south-south Co-operations;WTO	Disarmament, Arms Race, Arms control,NPT,CTBT,MT CR proliferation of small Arms, WMDs	
	VI	Theory	Contemporary political Theory	Liberal Theory	Neo Marxist theory	Feminist Theory :I	Feminist theory:II		Keshavulu

Programs :

I. సాహితీ మంజీర

II. సాహితీ మంజీర

III. సాహితీ కిన్నెర తెలుగు వాచకం

IV. సాహితీ కిన్నెర తెలుగు వాచకం

V. తెలుగు సాహితీ దుంధీబి

VI. తెలుగు సాహితీ దుంధీబి

Department	Semester		Course	Unit 1	Unit 2	Unit 3	Unit 4	Faculty Taught
TELUGU	I	Theory	సాహితీ మంజీర	వీరాచీన కవిత్యం	ఆధునిక కవిత్యం	వచన విభాగం	భాషాభాగాలు - వ్యాకరణం పర్యాయపదాలు , నానార్థాలు , సంధులు , సమాసాలు , తెలుగు వాక్యం	K Ashok Kumar
	II	Theory	సాహితీ మంజీర	వీరాచీన కవిత్యం	ఆధునిక కవిత్యం	వచన విభాగం	ఛందస్సు ఉత్పలమాల , చంపకమాల , శార్దూలం ,మత్తేభం, ఆటవెలది, తేటగీతి, దీప్వద, సీసం, కంధం, ఉత్సాహం , తీరళం. శ్రీగర్భ.	Prakash
		Theory	సాహితీ కిన్నెర తెలుగు వాచకం	వీరాచీన పద్యభాగం	ఆధునిక పద్యభాగం	అలంకారాలు	-----	Venkataiah

			వాచకం			శబ్దాలంకారాలు: వృత్తానుష్ఠానం, చేకానుష్ఠానం, లాటానుష్ఠానం, అంత్యనుష్ఠానం, యమకం, ముక్తపదగ్రస్తాలంకారాలు: అర్ధాలంకారాలు: ఉపమా, ఉత్పేక్ష, రూపక, స్వభావకీ, ఉల్లేఖ	----	
	III	Theory	సాహితీ క్షిప్రతెలుగు వాచకం	పాదానుష్ఠానం	ఆధునిక పద్యభాగం	వచన విభాగం	-----	Balakrishna
	IV	Theory	తెలుగు సాహితీ దుంధీబి	కవితా ప్రకరణాలు	తెలుగు వ్యాసం	వచన సాహిత్యం	-----	Somanath
	V	Theory	తెలుగు సాహితీ దుంధీబి	సాహిత్య ప్రకరణాల పరిచయం	జర్నలిజంలో మౌలికాంశాలు	అధ్యయన పరికల్పన నివేదిక - పాఠాభ్యాస పరిచయం	-----	Sathyamma
	VI							

Department of Botany

Programs :

I. Microbial Diversity And Lower Plants

II. Gymnosperms ,Taxonomy of Angiosperms And Ecology

III. Plant anatomy and Embrology

IV. Cell Biology, genetics and Plant Physiology

V. Plant Tissue Culture and Bio Technology

VI. Plant Molecular Biology

Department	Semester	Theory/Lab	Course	Unit 1	Unit 2	Unit 3	Unit 4	Faculty Taught
Botany	I	Theory	Microbial Diversity And Lower Plants	Bacteria Viruses And Plant Diseases	Classification of Algae	Classification of Fungi	Bryophytes, Pteridophytes	Bal Raj
		Lab		1 Study of Viruses and Bacteria Diseases of Bacteria Mycroplasma	Identification of Fungi Pathogens Morphology of Lichens	Importance of Microbial ,Fungi And Algal	Study of Morphology And Anotomy of Bryophytes And Pteridophytes	
	II	Theory	Gymnosperms ,Taxonomy of Angiosperms And Ecology	Gymnosperms Palaeobotany	Classification of plant Taxonomy	Systematic Study of Families	Ecology	Sangeetgha
		Lab		Study of Morphology Pinus And Gnetum	Anatomy of Pinus And Gnetum Fossil Forms	Study of Morphology Local Plant	Herbarium Techniques	
	III	Theory	Plant anatomy and Embrology	Tissues and Tissue system	Anotomy of Stem and Root	History and Importance of Embrology	Pollination and Fertilization and Seed Technology	Sandhya Rani
		Lab		Demonstration of Double Stanning Technique	Anotomy of Root and Stem Anotomy of Xerophytes	Structre of anther and microsporogenes	Pollen viability test	
	IV	Theory	Cell Biology, genetics and Plant Physiology	Cell Biology	Genetics	Plant Physiology	Plant Physiology Nitrogen Metabolism	Bal Raj
		Lab		Demonstration of Cytochechemical methods Study of various stages of Mitosis (Onion root Tips)	Study of special types of Chromosomes Mendel 's laws	Chromosome mapping using Test cross data	Determination of Osmotic potential	
	V	Theory	Plant Tissue Culture and Bio Technology	Plant Tissue Culture	Applications of tissue culture	Bio technology	Gene Libraries Application of transgenics	G Sangeetha
				Major Experiments	Minor Experiments	PCR Demonstration	Spotting	

		lab		Isolation of Plant DNA	Callus Induction anther culture	Study of Bio technology products	Study of anther , Embryo and Endosperm	
	VI	Theory	Plant Molecular Biology	Nucleic acids	Nucleosome Chromatin structure Replication of DNA	Mechanism of Transcription	Translation in Prokaryotes	T Srinivas
		Lab		Isolation of Genomics DNA from E-coli	Estimation by Diphenylamine Reagent	Photographs Establishing nucleic acid and has genetic	Estimation of Size of a DNA Markers	

Department of Chemistry

Programs :

I. Chemistry -I

II. Chemistry -II

III. Chemistry -III

IV. Chemistry -IV

V. Spectroscopy & Chromatography

VI. Medicinal Chemistry

Department	Semester		Course	Unit 1	Unit 2	Unit 3	Unit 4	Faculty Taught
Chemistry	I	Theory	Chemistry -I	Inorganic Chemistry	Organic chemistry	Physical Chemistry	General Chemistry	Mohd Jani
		Lab	Qualitative Analysis(semi micro analysis of mixtures)	2 Anions 2 Cations	2 Anions 2 Cations	2 Anions 2 Cations	2 Anions 2 Cations	
	II	Theory	Chemistry –II	Inorganic Chemistry	Organic chemistry	Physical Chemistry	General Chemistry	Nirmal Devi
		Lab	Quantitative Analysis	Acid – Base Titrations	Acid – Base Titrations	Redox Titrations	Complexometric Titrations	
		Theory	Chemistry-III	Inorganic Chemistry	Organic chemistry	Physical Chemistry	General Chemistry	

	III	Lab	Organic synthesis	Acetylation	Halogenation	Oxidation Diazotisation	Microwave Assisted Synthesis of Aspirin (DEMO)	Naveen Kumar
	IV	Theory	Chemistry -IV	Inorganic Chemistry	Organic chemistry	Physical Chemistry	General Chemistry	
		Lab	Analysis of Organic compounds	Functional group analysis of Phenols	Functional group analysis of Amines	Functional group analysis of Aldehydes	Functional group analysis of Ketones	Laxma Reddy
	V	Theory	Chemistry-V Spectroscopy & Chromatography	Molecular Spectroscopy	NMR & Mass Spectrometry	Separation Techniques -1	Separation Techniques -2	Mohd Jani
		lab	Experiments in Physical Chemistry-I	Distribution law	Electrochemistry	Colorimetry & Adsorption	Physical Constants	
	VI	Theory	Chemistry-VI Medicinal Chemistry	Introduction & Terminology	Enzymes & Receptors	Synthesis & Therapeutic Activity of Drugs	Molecular Messengers , Vitamins & Micronutrients	Nirmal Devi
		Lab	Experiments in physical Chemistry -II	Kinetics	Electrochemistry Potentiometry	Electrochemistry pH metry	Conductometry	

Department of Computer Application

Programs :

- I. Fundamental of information technology
- II. Programming with c & C++
- III. Relation Database management system
- IV. Web Technologies
- V. E Commerce(c) mobile application
- VI. Cyber Security

Department	Seme	Course	Unit 1	Unit 2	Unit 3	Unit 4	Unit 5	Faculty Taught
Computer Applications		Theory Fundamental of information technology	Introduction to computers	Computer arithmetic & Storage fundamentals	Software	Operating system	Data communication	Rama Krishna Reddy

	I	Lab		MS-DOS	MS-WORD	MS-POWERPOINT	MS-EXCEL	NETWORKING	
	II	Theory	Programming with c & C++	Introduction to c language variables, data types and operators	Working with control statements, loops	Functions, arrays and strings	Pointers, structures and unions	Object oriented	Anil Kumar
		Lab		PROGRAMM 1-5	PROGRAMM 6-10	PROGRAMM 11-15	PROGRAMM 16-	PROGRAMM21-25	
	III	Theory	Relation Database management system	Basic concepts	Database integrity and Normalisation	Structures query language	Transactions and concurrency management	Distributed and client server databases	Vidya Sree
		Lab		PROGRAMM 1-5	PROGRAMM 6-10	PROGRAMM 11-15	PROGRAMM 16-	PROGRAMM21-25	
	IV	Theory	Web Technologies	Introduction	An over view of dynamic web pages & dynamic web page	Java script	Events and event handlers	Extensible markup language	Rama Krishna Reddy
		Lab		PROGRAMM 1-5	PROGRAMM 6-10	PROGRAMM 11-15	PROGRAMM 16-	PROGRAMM21-25	
	V	Theo y	E Commerce(c) mobile application	Introduction	Framework of E-Commerce	Consumer oriented E-Commerce applications	Electronic data interchange	E-Marking techniques	Anil Kumar
		lab		PROGRAMM 1-5	PROGRAMM 6-10	PROGRAMM 11-15	PROGRAMM 16-20	PROGRAMM21-25	
	VI	Theory	Cyber Security	Introduction to cyber security, cyber security vulnerabilities and cyber security safeguards	Securing web application, services and servers	Intrusion detection and prevention	Cryptography and network security	Cyberspace and the law, cyber forensics	Vidya Sree
		Lab		PROGRAMM 1-5	PROGRAMM 6-10	PROGRAMM 11-15	PROGRAMM 16-20	PROGRAMM21-25	

Department of Computer Science

Programs :

I. Programming in C.

II. Programming in C++.

III. Fundamental Concepts, Linear Data Structure Using Arrays Stacks

IV. Introduction to Databases, Relational Model.

V. Java Essentials Constructors,

VI. Structuring Documents for the Web. Tables

Department	Semester		Course	Unit 1	Unit 2	Unit 3	Unit 4	Faculty Taught
Computer Science	I	Theory	Programming in C.	Computer Fundamentals, Basics of C.	Input-Output, Arrays and Strings.	Functions, Pointers.	User-defined Data Types, Files.	Rama Krishna Reddy
		Lab	Programs	Programs 1 to 4.	Programs 5 to 8.	Programs 9 to 12	Programs 13 to	
	II	Theory	Programming in C++.	Introduction to C++, Object Oriented	Classes, Constructors	Inheritance, Polymorphism, C++ Streams	Exceptions, Templates	Anil Kumar
		Lab	Programs	Programs 1 to 4.	Programs 5 to 8.	Programs 9 to 12	Programs 13 to	
	III	Theory	Data Structures	Fundamental Concepts, Linear Data Structure Using Arrays Stacks	Recursion, Queues, Linked Lists.	Trees, Graphs.	Searching and Sorting, Heaps.	Vidya Sree
		Lab	Programs	Programs 1 to 4.	Programs 5 to 8.	Programs 9 to 12	Programs 13 to	
	IV	Theory	Data Base Management System.	Introduction to Databases, Relational Model.	Introduction, Data Manipulation, Advanced SQL.	Entity-Relationship Modeling, Functional-Dependenc ies.	Transaction Management, Security.	Anil Kumar
		Lab	Programs	Programs 1 to 6.	Programs 7 to 12.	Programs 13 to 19.	Programs 20 to	
	V	Theo y	Programming in Java.	Java Essentials, Constructors, this Keyword	Inheritance, Abstract classes, Wrapper Classes.	Multithreading, Input/Output.	Event Handling, Database Handling Using	Vidya Sree
		lab	Programs	Programs 1 to 4.	Programs 5 to 8.	Programs 9 to 12	Programs 13 to 16.	
	VI	Theory	Web Technologies	Structuring Documents for the Web, Tables.	Cascading Style Sheets, Page Layout.	Learning JavaScript, Working with JavaScript, Putting Your site on the web.	XML, Ajax-Enabled Rich Internet Applications.	Anil Kumar
		Lab	Programs	Programs 1 to 5.	Programs 6 to 10.	Programs 11 to 14.	Programs 15 to 18.	

Department of Economics

Programs :

I. MICRO ECONOMICS

II. MACRO ECONOMICS

III. STATISTICS FOR ECONOMICS

IV. INDIAN ECONOMY

V. AGRICULTURAL ECONOMICS

VI. INTERNATIONAL ECONOMICS

Department	Semester	Course	Unit 1	Unit 2	Unit 3	Unit 4	Unit 5	Faculty Taught
economics	I	MICRO ECONOMICS	Consumer Behaviour	Production analysis	Cost and revenue analysis	Market structure: imperfect competition	Analysis of business firm, profit and pricing strategies	Suresh
	II	MACRO ECONOMICS	Introduction	Theories of income and employment	Investment & Theories of interest rate	Supply of money & demand of money	Inflation & trade cycles	Venkatesh Goud
	III	STATISTICS FOR ECONOMICS	Introduction to statistics	Measures of central tendency and dispersion	Correlation and regression	Index numbers	Analysis of time series	Vishwanath
	IV	INDIAN ECONOMY	Structure of the Indian economy	Indian agriculture	Indian industry and services	NIIT AAYOG		Suresh
	V	AGRICULTURAL ECONOMICS	Module-I: nature and scope of agricultural economic	Module	Module-III: growth and productivity trends in Indian agriculture	Module-IV: systems of farming	Model-v: emerging trends in production, processing marketing, and exports	Suresh

				-II: concept of production			Internal factor movements	
	Vi	INTERNATIONAL ECONOMICS	Theories of international trade	Function Trade and growth	Tariff and non-tariff barriers to trade	Balance of payments		Vishwanath

Department of Hindi

Programs :

I. Paper - I

II. Paper - II

III. Paper - III

IV. Paper - IV

V. Paper - V

VI. Paper - VI

Department	Semester		Course	Unit 1	Unit 2	Unit 3	Unit 4	Faculty Taught
HINDHI	I	Theory	UNIT-1	CHARITRA SANGATHAN	BHAABHI	SADGATI	CORRECTION OF SENTENCE	Udaya Kumar
	II	Theory	UNIT-2	DHARTI KA SWARG	RAJNEETI KA BANTWARA	GADAL	SANDHI VICHCHED	Udaya Kumar
	III	Theory	UNIT-3	KABEER KE DOHE	AADI KAAL: NAAMKARAN, PARISTHITIYAAN, PRAVRITTIYAAN	SAHITYA AUR SAMMAJ		Udaya Kumar
	IV	Theory	UNIT-4	RAHEEM KE DOHE	REETHI KAAL: NAAMKARAN, PARISTHITIYAAN, PRAVRITTIYAAN	VIDYARTHI AUR ANUSHAASAN		Udaya Kumar
		Theory	UNIT-5	HINDHI BHASHA KE	ANUVAADH	SAHITHYU KEE		Udaya Kumar

	V			VIVIDH ROOP		VIVIDH VIDHAVO KAA PARICHAY		
	VI	Theory	UNIT-6	JANSANCHAAR KA MADHYAM	PATHRUKAARITHAA KAA ARTH, PARIBHAASHA YEVAM SWAROOP	HINDHI SAHITHYU ME VIVIDH VIMARSH		Udaya Kumar

Department of History

Programs :

I. HISTORY OF INDIA

II. HISTORY OF INDIA

III. HISTORY OF INDIA

IV. HISTORY OF INDIA

V. HISTORY OF THE MODERN WORLD

VI. HISTORY AND CULTURE OF TELANGANA

Department	Semester	Course	Unit 1	Unit 2	Unit 3	Unit 4	Unit 5	Faculty Taught
HISTORY	I	HISTORY OF INDIA	Module –I: definitions : nature and scope of history	Module-II: Indus valley civilizations	Module -III: rise of new religious movements	Module –Iv : foundation of the mauryan dynasty	Module –v: Gupta Empire :A brief political survey	G Srinivas
	II	HISTORY OF INDIA	Module-I:the age of Rajputs society	Module-II Arab conquest of sind Ghaznavids and ghories	Module-III: Bhakti and sufi movements	Module-IV: kakatiyas -polity-administration	Module-v: vijayanagara –a brief survey of political history	Prabhakar
	III	HISTORY OF INDIA	Module-I:establishment of Mughal Dynasty	Module-II: rise of regional powers	Module-III: advent of European powers	Module –IV: three stages of colonialism	Module-v: decline of rural cottage industries and urban handicrafts	Ramesh
	IV	HISTORY OF INDIA	Module-I: Queen’s proclamation	Module-II: socio-religions reform movements	Module-III: factors of the rise of nationalism	Module IV: Revolutionary movement	Module-v: emergence of communal politics and mohd ali jinnah	G Srinivas

	V	HISTORY OF THE MODERN WORLD	Decline of medieval socio-political	Age of revolutions	Rise of capitalism	World between 1914-1945 rivalry among colonial powers imperialist hegemony	Causes and consequences of second world war	Prabhakar
	VI	HISTORY AND CULTURE OF TELANGANA	Sources –pre –history of Telangana	Foundation of asaf jahi dynasty	Political developments in Hyderabad state 1900 to 1942	Anti –nizam and anti feudal movements	Discrimination , dissent and protest S	Ramesh

Department of Physics

Programs :

I. Mechanics and oscillations

II. Thermal Physics

III. Electro magnetic theory

IV. Waves and Optics

V. Modern physics

VI. Electronics

Department	Semester	Theory/ Lab	Course	Unit 1	Unit 2	Unit 3	Unit 4	Faculty Taught
Physics	I	Theory	Mechanics and oscillations	Vector analysis	Mechanics of particles	Central forces	Oscillations	E Narayana Goud
		Lab	Mechanics and oscillations	Exp-1&2	Exp-3&4	Exp-5&6	Exp-7&8	
	II	Theory	Thermal Physics	Kinetic Theory of Gases	Thermodynamics potentials	Quantum theory of radiation	Statistical mechanics	E Narayana Goud
		Lab	Thermal Physics	Exp-1&2	Exp-3&4	Exp-5&6	Exp-7&8	
		Theory	Electro magnetic theory	Electro statistics	Magneto statistics	Electro magnetic induction	Varying and alternating currents	E Narayana Goud

	III	Lab	Electro magnetic theory	Exp-1&2	Exp-3&4	Exp-5&6	Exp-7&8	E Narayana Goud
	IV	Theory	Waves and Optics	Waves	Interference	Diffraction	Polarization	E Narayana Goud
		Lab	Waves and Optics	Exp-1&2	Exp-3&4	Exp-5&6	Exp-7&8	
	V	Theo y	Modern physics	Atomic spectra	Quantum mechanics	Nuclear physics	Solid state physics	E Narayana Goud
		lab	Modern physics	Exp-1&2	Exp-3&4	Exp-5&6	Exp-7&8	
	VI	Theory	Electronics	Band theory of PN junction	Bipolar junction transistor	Special devices	Digital electronics	E Narayana Goud
		Lab	Electronics	Exp-1&2	Exp-3&4	Exp-5&6	Exp-7&8	

Department of Zoology

Programs :

I. Animal Diversity- Invertebrates

II. Animal diversity-vertebrates

III. Animal physiology and animal behavior

IV. Cell Biology Genetic, and developmental biology

V. Physiological chemistry and endocrinology/Laboratory Animals Maintenance and Applications/ Immunology and Animal Biotechnology

VI. Fisheries / Limnology/ Ecology, Zoogeography and Evolution

ZOOLOGY	I	THEORY	Animal Diversity- Invertebrates	protozoa	cnidaria	anelida	mollusca	Faculty Taught
		Lab	Animal Diversity- Invertebrates	Exp-1&2	Exp-3&4	Exp5&6	Exp 7&8	Dr. Ch Shanker
	II	THEORY	Animal diversity-vertebrates	Hemichordata	Pisces	Reptilia	Aves	Dr. Ch Shanker
		Lab	Animal Diversity- Invertebrates	Exp-1&2	Exp-3&4	Exp5&6	Exp7&8	

	III	THEORY	Animal physiology and animal behavior	Digestion	Homeostasis	Muscle Contraction	Animal behavior	Dr. Riyaz Khan
		Lab	Animal Diversity- Invertebrates	Exp-1&2	Exp-3&4	Exp-5&6	Exp-7&8	
	IV	THEORY	Cell Biology Genetic, and developmental biology	Cell Biology	Molecular Biology	Genetics	Developmental Biology and Embryology	Dr. Riyaz Khan
		Lab	Animal Diversity- Invertebrates	Exp-1&2	Exp-3&4	Exp-5&6	Exp-7&8	
	V	THEORY	Physiological chemistry and endocrinology/Laboratory Animals Maintenance and Applications/ Immunology and Animal Biotechnology	Biomolecules of importance	Lipids and enzyme classification	Introduction to Endocrinology	Endocrine Glands and their Hormones	Sudershan Reddy, Dr. Riyaz Khan
		Lab	Animal Diversity- invertebrates	Exp-1&2	Exp-3&4	Exp-5&6	Exp-7&8	
	VI	THEORY	Fisheries / Limnology/ Ecology, Zoogeography and Evolution	Introduction to fisheries, aquaculture systems, management practices	Feeding, Breeding and hatchery management of finfish and shellfish	Limnology	Productivity of lakes	Sudershan Reddy, Dr. Ch Shanker
		Lab	Animal Diversity- Invertebrates	Exp-1&2	Exp-3&4	Exp-5&6	Exp-7&8	

Department of Public Administration

Programs :

I. Introduction to public Administration

II. Development dynamic and emerging trends

III. Indian administration

IV. State administration

V. Human resource management

VI. Financial and material management

Department	Semester	Theory	Course	Unit 1	Unit 2	Unit 3	Unit 4	Unit 5	Faculty Taught
Public ad	I	Theory	Introduction to public Administration	Nature of public Administration	Relationship with other social sciences	Oriental and classical Approaches	Human relations and behavioral approaches	Ecological and social justice approaches	Dr. Shafiq Ahmed

	II	Theory	Development dynamic and emerging trends	Comparative & development administration	New public administration	Market theories	Emerging trends-I	Emerging-II	Dr. Shafiq Ahmed
	III	Theory	Indian administration	Historical background	Union Administration: structure and processes	Center- state relations	Constitutional and other national bodies	Public enterprises in India	Dr. Shafiq Ahmed
	IV	Theo y	State administration	State administration: structure and processes	State administrative mechanisms	Emerging Issues	Technology and integrity in government	Control over administration	Dr. Shafiq Ahmed
	V	Theory	Human resource management	Introduction	Human resources	Capacity building	Reforms	Emerging trends	Dr. Shafiq Ahmed
	VI	Theory	Financial and material management	Budget	Financial institution	Parliamentary financial committees	Materials management	s	Dr. Shafiq Ahmed

Department of Public Political Science

Progarms :

I.LANDSCAPE

II.LANDSCAPE

III.ENGSCRIBE

IV. ENGSCRIBE

V. English in Action

VI. English in Action

Department	Semester	Course	Unit 1	Unit 2	Unit 3	Unit 4	Unit 4	Unit 5	Faculty Taught
English		LANDSCAPE	A Small scale reflection on a great house	The connoisseur	Essay: of truth	Drama: the Marriage proposal	Political ideologies	Political institutions& Functions	Rhasker Reddy

	I								Bhasker Reddy
		LANDSCAPE	Poem: if	Prose: the child	Essay: the man who redefined digital age	Drama: trifles	Utilitarian Thought	Philosophy of Dialectics	Bheem Raj
	II								
		ENGSCRIBE	POEM: The gift of India	Prose: too dear	Essay: the Narmada		Reformist Thought	Socialist Thought	Raj Kumar
	III								
		ENGSCRIBE	Poem: "hope" is the thing with feathers	Prose: Subha	Essay: India's Message to the world		Electoral Politics in India	Issues in Indian Politics	Aruna
	IV								
	V	English in Action	Poem: Ecology	Poem: Girl	Review writing: Film Review, Book Review		Issues of Development in the post-Economy Reformers period	-	Bheem Raj
							India's Foreign policy determinants ;features: Non Alignment	India's relations with USA:China: Pakistan;Srilanka and Nepal	
							Politics of formation of Telangana	Formation of Telangana	
	VI	English in Action	Poem: Roald Dahl " Television	Poem: Elizabeth Relph Mertz "Accomplishment"	CV Writing: Cronological CV, Functional CV.r		World Bank & IMF;UNCTAD;North-South Dialogueand south-south Co-operations;WTO	Disarmament, Arms Race, Arms control,NPT,CTBT,MT CR proliferation of small Arms, WMDs	Bhasker Reddy

Department of Public Statistics

Programs :

I.Descriptive Statistics and Probability

II.Probability Distributions

III.Statistical Methods

IV. Inference

V. Applied Statistics -1

VI. Applied Statistics -2

Department	Semester	Course	Unit 1	Unit 2	Unit 3	Unit 4	Faculty Taught
Statistics	I	Descriptive Statistics and Probability	Descriptive Statistics: Concept of primary and secondary data.	Probability: Basic concepts in probability	Random Variables:	Mathematical Expectation:	Surekha
	II	Probability Distributions	Discrete distributions – I : Uniform and Bernoulli distributions	Negative binomial, Geometric distributions	Continuous distributions – I : Rectangular and Normal distributions	Continuous distributions – II : Exponential, Gamma :	Surekha
	III	Statistical Methods	Bivariate data, scattered diagram,	Concepts of partial and multiple correlation coefficients	Concepts of population, parameter, random sample	Statement of Neyman's Factorization theorem,	Surekha
	IV	Inference	Concepts of statistical hypotheses	Large sample tests for single sample mean	Tests of significance based on χ^2 - χ^2 -test for specified variance,	Non-parametric tests- their advantages and disadvantages	Surekha
	V	Applied Statistics -1	Sample Survey	Sampling Method	Time Series	Statistical Quality Control	Surekha
	VI	Applied Statistics -2	Analysis of Variance & Design	Principle of experiments	Vital statistics	Indian official statistics	Surekha