## **CHRIST COLLEGE (AUTONOMOUS), IRINJALAKUDA**

Accredited by NAAC with 'A' Grade, Affiliated to University of Calicut



# **UG - COURSE OUTCOME**

## (ACADEMIC YEAR 2018-19)

### IRINJALAKUDA NORTH P.O., THRISSUR, KERALA - 680125,

Website: www.christcollegeijk.edu.in, E-mail: office@christcollegeijk.edu.in Phone - Office (0480) 2825258, Principal: 2820005, Res: 2825384, 2828241, Fax: 2831552

Name of th	e programn	ne		Bachelor of Vocation Information Technology
Short Name of th	e Programme			Bvoc IT
Semester	ramme	Course Title	CO No:	CCAVIT Course Outcomes
	course coue	course mile	C01	To understand how to integrate information technologies with data science methods to extract value from data sets
			CO2	To understand how to select appropriate analytic tools for specific managerial issues
	SDC1BA01	BUSINESS ANALYTICS	CO3	To be able to think critically about the business implications, meaningfulness and applicability of observed data patterns and analytical inferences
			CO4	To have proficiency with several data-analytic tools to solve business problems
		DVTHON	CO5	To get expertise in tools such as Excel and open source to interpret data
		PROGRAMMING, BASIC	CO1	To understand Problem solving and programming capability in Python
		ELECTRONICS AND	CO2	Acquire programming skills in core Python
		INTRODUCTION TO IOT	CO3	Acquire Object Oriented Skills in Python
		PROGRAMMING	CO4	Develop the skill of designing Graphical user Interfaces in Python
			CO5	To develop the ability to write database applications in Python
			CO1	Understand the working of various semi-conductor devices
			02	Develop analysis capability in BJT and FET Amplifier Circuits
1	SDC1PP02		CO3	Develop competence in frequency response analysis of discrete amplifiers Develop design competence in signal and power amplifiers using BJT and
		PART - B BASIC	04	FET
			CO5	To understand the basic digital electronic gates
			CO6	Understand the Internet of Things Ecosystem using Wireless Technologies
			C07	Explore the design methodology of M2M Communication in Internet of Things.
			CO8	Develop knowledge on design trade-offs in various digital electronic families with a view towards reduced power consumption
			CO1	Understand the use of Structured Query Language (SQL) and SQL syntax
			CO2	Apply normalization techniques to normalize the database
		DATBASE	CO3	Understand the needs of database processing and to get trained in
	SDC1DB03	MANAGEMENT SYSTEM: MONGO DB	CO4	techniques for controlling the consequences of concurrent data access Skilled in data modelling using the entity relationship and developing database designs
			COF	
			05	Understand the relational model of data and usage of Relational Algebra.
	SDC1DB05P	PROGRAMMING &		
			CO1	interface, and some of the ways those elements manifest in Excel's user
			CO2	and VBA concepts
	SDC2ME06	VBA &SPSS	CO3	Understand the essentials of the Excel Developer tab and VBA Editor
			CO4	Understand macro-less workbooks as opposed to VBA Macro (and VBA
			COF	Function) enabled workbooks
			C01	An understanding of problems solvable with data science and an ability to attack them from a statistical perspective.
2			CO2	An understanding of when to use supervised and unsupervised statistical
			CO3	Gain an in-depth understanding of data structures and data analysis to explore and visualise data for meaningful insights and identify
	SDC2DS07	INTRODUCTION TO DATA SCIENCE	CO4	relationships between large data sets. Gain the skills and knowledge required to manage data science and analytics teams or projects at your organization
				Understand the nuances and applications of descriptive, predictive, and
			CO5	prescriptive analytics to enhance analytical skills and make real-time, data- driven business decisions.
			CO6	Learn to use analytical tool such as R to manipulate and analyse complex data sets and become proficient in building machine learning models using R.

	SDC2DS08P	PRATICAL II: MICROSOFT EXCEL FOR DATA SCIENCE AND SPSS		
			C01	Understand the basic taxonomy and terminology of the computer networking and enumerate the layers of OSI model.
		COMPUTER NETWORKS	CO2	Understand Application layer and Presentation layer paradigms and protocols
	SDC3CN11	FOR IOT	CO3	Understand different protocols used in IOT
			CO4	Get skilled in Network layer routing protocols and IP addressing
			CO5	To get skilled in reading the fundamentals and basics of Physical layer, and will apply them in real time applications.
			CO1	To be able to analyze PN junctions in semiconductor devices under various conditions
		ELECTRONICS DEVICES	CO2	To be able to design and analyze simple rectifiers and voltage regulators using diodes
3	SDC3ED12	AND CIRCUIT DESIGN	CO3	Explore the design methodology of M2M Communication in Internet of
		FOR IOT, IOT WITH RASPBERRY Pi	CO4	Things To be able to Analyze various protocols for Internet of Things
		IN DENINI TI	CO5	Realize the Internet of Things Ecosystem using Wireless Technologies.
			CO6	To be able to design a portable Internet of Things using Raspberry Pi and Arduino.
	SDC3PC13P	PRACTICAL 3:PYTHON FOR DATA SCIENCE& COMPUTER NETWORKS FOR IOT		
	SDC3IR14P	PRACTICAL 4:BASICS OF IOT & IOT WITH RASPBERRY Pi		
		DATA SCIENCE WITH R	CO1	Understand hardware and software design requirements of embedded
	SDC4DS15	AND PYTHON PROGRAMMING, EMBEDDED LINUX OS & ANDROID PROGRAMMING	CO2	Understand Android platform and architecture as well as UI designing.
			603	Understand the embedded systems' specification and develop software
				programs
			CO4	Application
4			CO5	To get skilled with SQLite Database and content providers
	SDC4DS17P	PRACTICAL V: DATA SCIENCE WITH R PROGRAMMING AND DATA VISUALISATION USING QlikView AND Power BI		
	SDC4AL18P	PRATICAL 6:ANDRIOD &		
		LINUX	CO1	To understand the basic concents and techniques of Machine Learning
			C01	To understand regression methods, classification methods, clustering
			02	methods.
		MACHINE LEARNING	CO3	To understand Dimensionality reduction Techniques
	JDCJIVILZO	USING PYTHON	CO4	approaches.
			CO5	To be able to design and implement machine learning solutions to classification, regression, and clustering problems; and be able to evaluate and interpret the results of the algorithms
			CO1	To Understand the challenges traditional data mining algorithms face when analyzing Big Data
			CO2	Get introduced the tools required to manage and analyze big data like Hadoop, NoSql MapReduce
	SDC5BC21	PLATFORM FOR IOT	CO3	To understand fundamental techniques and principles in achieving big data analytics with scalability and streaming capability.
			CO4	Gain practical experience in the development of Cloud-based IoT systems and exposure to appropriate hardware and software platforms that underpin such development.
	SDC5HN22P	PRATICAL I:HADOOP & NO SQL DATABASE		
	SDC5ML23P	MACHINE LEARNING PYTHON AND DATA VISUALISATION USING TABLEAU		
			C01	Understand to interpret literature with the purpose of formulating a
				project proposal

			CO2	Get skilled in Planning, analyzing, designing and implementing a software
6		DROIFCT	002	project using SDLC model.
		PROJECT	CO3	within a stipulated period of time
			CO4	Understand the concepts of design methodologies, testing methodologies & its implementation
			CO5	Skilled in the technical report/thesis writing
Name of th	e programm	ne		Bachelor of Vocation Food Processing Technology
Short Name of th Code of the Brog	e Programme			
Semester		Course Title	CO No:	Course Outcomes
Semester	course coue	course ritie		To understand the chemistry of foods - composition of food, role of each
			C01	component and their interaction To understand how processing conditions are likely to change the
			CO2	reactivity of food components
			CO3	including their properties and reactions
		FOOD CHEMISTRY,	CO4	Understand the relationship between nutrition and human wellbeing.
	SDC1 FF01	INSTRUMENTATION	CO5	Apply their knowledge and laboratory skills to measure, control and modify the chemical and physical properties of food
			CO6	To understand the principles behind some of the most common analytical techniques used in food analysis and to get skilled in it's usage
			C07	To understand the major chemical reactions that occur during food handling, processing and storage, including those that limit food shelf life
1	SDC1 FF02P	FOOD CHEMISTRY, NUTRITION, INSTRUMENTATION (PRACTICAL)		
	SDC1 BC 03	BAKERY AND CONFECTIONERY	CO1	To understand the fundamentals of baking and technology behind various bakery products
			CO2	Understand the fundamentals of baking and to familiarise various kinds of ingredients used in baking.
			CO3	To get skilled in preparation of different bakery items and bread making.
			CO4	To develop skill in various baking procedures and to get working knowledge of equipment needed for baking so as to start independent unit.
			CO5	To get trained in quality check and causes of spoilage in baking.
			CO6	To get trained in quality check and causes of spoilage in baking.
			C07	To get trained in the technologies (equipment and process) for confectionary product preparations
	SDC1 BC 04	BAKERY AND CONFECTIONERY (PRACTICAL)		
			C01	To study the systematic approach towards the basic and applied aspects of different preservation methods.
			CO2	To familiarize with various theoretical aspects of recent trends in food preservation
			CO3	To understand the method of action of different preservatives.
	SDC2 PF06	PRESERVATION	CO4	To understand the different ways in which food spoilage occurs and the techniques to prevent it
			CO5	To get skilled in the appropriate usage of different preservatives that are used commonly in the industry.
			CO6	To get skilled in the estimation of different preservatives in food samples
2	SDC2 PF07P	PRINCIPLES OF FOOD PRESERVATION (PRACTICAL)		
		, , , , , , , , , , , , , , , , , , , ,	C01	To understand the chemistry of milk and its products, composition, role of each component and their interactions
			CO2	To understand processing preservation and production of milk and milk products
	SDC2 DT08	DAIRY TECHNOLOGY	CO3	To be able to evaluate the adulteration in milk and milk products
			CO4	To get skilled in the quality check of Milk and milk products
			CO5	
			005	To get trained in the preparation of different value added products of milk

			CO6	To understand the working of a diary unit in a real life situation.
	SDC2 DT09P	DAIRY TECHNOLOGY (PRACTICAL)		
			CO1	To understand the structure and characteristics of different microorganism.
			CO2	To understand the concept of sterilisation and its importance in food processing
	SDC3 FM11	FOOD MICROBIOLOGY	CO3	To understand the spoilage in different food commodities by means of microoreanisms
			CO4	To understand the importance of microbes in fermented food products
			CO5	To get skilled in aseptic culture techniques for bacteria
	SDC3 FM12P	FOOD MICROBIOLOGY		
3			CO1	To understand various technologies in cereal and pulse processing and milling
			<u> </u>	Understand basic composition and structure of food grain
			CO2	Understand the basics of milling operations and byproducts utilization.
	SDC3 MT13	MILLING TECHNOLOGY	CO4	To understand the production, distribution & storage of grains and their valued adde products
			COF	To understand the processing of pulses and oilsoods
			C05	To understand the processing of spices
			000	To understand the processing of spices
	SDC3 MT14P	(PRACTICAL)		
			CO1	To understand the importance of livestock, egg and poultry in food security.
			CO2	To understand slaughter processes in meat animals and poultry
			CO3	To understand methods of processing and preservation of animal origin
				foods and byproduct utilisation in this sector.
	SDC4 TM16	TECHNOLOGY OF MEAT AND EGG	CO4	To understand egg production practices, egg preservation methods, factors affecting egg quality and measures of egg quality
			CO5	To get trained in the structure, composition and nutritional quality of animal origin food products
			CO6	To understand the methods of processing and preservation of animal origin food materials
			C07	To get skilled in the preparation of different value added products using meat and egg
4	SDC4 TM17P	TECHNOLOGY OF MEAT AND EGG (PRACTICAL)		
			CO1	To get skilled in the manufacture different fish products and to be able to supervise a production centre.
			CO2	To understand the microbiology of fish
		FISH PROCESSING AND	CO3	To get trained in different equipment used in fish processing
	SDC4 FP18	BYPRODUCT	CO4	To understand the principles of different fish preservation methods
		TECHNOLOGY	CO5	To get skilled in different fish preservation techniques
			CO6	To get skilled in different the preparation of different value added products using fish
		FISH PROCESSING AND		
		BYPRODUCT		
	300417192	TECHNOLOGY		
		(PRACTICAL)		
			CO1	To understand the processing and preservation of fruits and vegetables using various techniques
			CO2	To understand the concept of quality in relation to fruit and vegetable based products.
		TECHNOLOGY OF	CO3	To understand maturity indices of fruits and vegetables
	SDC5 1F21	VEGETARIES	CO4	To get trained to develop different fruit products.
		VEGETABLES	CO5	To get skilled in the usage of different equipment used in fruit processing
			005	and preservation.
			CO6	To get skilled in the preparation of different value added products using fruits.
		TECHNOLOGY OF		
	SDC5 TE22P	FRUITS AND		
	50C5 1722P	VEGETABLES		
5		(PRACTICAL)		
			C01	To develop an understanding of psychology and sensory physiology
		SENSORY EVALUATION	CO2	To get trained to select and implement appropriate sensory methodology
	SDC5 SE23	SENSORTEVALUATION		ior a specified objectives

	JUCJ JLZJ			
			CO3	To gain experience in data collection and interpretation of sensory data
			CO4	To develop and apply the skills to critique sensory methodology
	SDC5 SE24P	SENSORY EVALUATION		
		OF FOODS (PRACTICAL)		To get the deep knowledge about the type of waste, its generation and
		DVDDODUCT	CO1	the importance of waste management
	SDC5 BU25	UTILIZATION AND WASE	CO2	To obtain knowledge about effluent treatment
		MANAGEMENT	CO3	To understand the waste utilization in agro industries
			CO4	To understand the concept of waste utilization of animal and marine
			CO1	To get work experience in real life situation.
		PROJECT, PRODUCT	CO2	To get the opportunity to implement the knowledge they aware for the
6	SDC6PR26Pr	DEVELOPMENT, IN-	002	betterment of industry.
		PLANT TRAINING	CO3	To improve the skills they acquire, and to be able for the development of new products which can help to become an entrepreneur.
Name of th	e programn	ne		Bachelor of Arts, Malayalam
Short Name of th	ne Programme			B.A. Malayalam
Code of the Prog	ramme			CCAMAR
Semester	Course code	Course Title	CO No:	
			CO1	മലയാള കവാതാന് പാതാത്തന്ന് വയും കഥാ സാഹിതയ്തരിന് റഞ്ഞും വളര്ച്ചവിക്ക സഘ്ങ്ങങ്ങ മനസ്നിലാക്കുന്നു
	MAL1A07(1)	മലയാ ളന്നാ ഹി തയാ	CO2	പരാചി നകവ് ത്യാത താപരി ചയപഷ്ടങ്ങവരു ടെ പരാധന കൃ തി കളു o രചന്ന സവി ശഷേതകളു o മനസ്നിലാ ക്കാൻ കഴിയു ന്നൂ
			CO3	ഇത്വഹ്മൂസ് കൃതികളുപെരി ചയപഷ്ടാനും
			COS	ആസ്വദിക്കുറും കഴിയുന്നു. അണ്സവദിക്കുറും കഴിയുന്നു
			CO4	സാട്രിഫോട്ടം, മാപാളപ്പെട്ടാവി രകഥാ ഗാനങ്ങാം എന്നിവയം കറിപ്പത്തറിന്റെ നികഴിന്റ്റ്നാ
		മലയാ ളന്നാ ഹി തയ്മാ		മലയാളകവി ത്ര സഹി തയ്തർന് റാ
	MAL2 A08(1)		CO1	വളര്പ്പ്പ്പൗല്ട്ടങ്ങളെയും വി വി ധ പത്സഥാനങ്ങളെയെും
				കൂറിച്ചുന്നറിവ് നാട്ടേന്നു. അധ്യന് കെക്ക് തൽഗാല് നക്ക്ക് തെയ്യാം
			CO2	പരി ചയ്പങ്ങ് ന്നു.
			CO3	നീരൂ പണ സൗഹി തയ്ത് അക്കറിച്ചും തിരു പറഞ്ഞ രാപ്പോട് സം അറില് നോടാൽ നാം ധില്പത്ത
				ന്ന പ്രക്ത് ആക്കറിച്ചുമാദ്യം നിവന്ദാള്ളക്കറിച്ചും
			CO1	പരി ചയപ്ഷ്ടാൻ സ്മാധി ക്ക്നന്റ
	MAI 3409	മലയു ളന്നാ ഹി	CO2	ചലച്ചമ്മര്ത്ര ല്യാക്കാല പുള്ളത്ത് രക്ഷമ
	MALSAUS	തയം 3	02	രചനയകെക്സിച്ചുb സ്ത്രമാനയമായ ധാരണ ലഭിക്കുന്നു അതുകാലം ബാലപരിത്തം സത്ത്രമാനം പ്രത്സം മന്ന
			CO3	ആഗ്യമക്ഷ് , ജസ്ചാത്ത്യം, സംബാന്സ് പ്രാഡ് എന്ന് സൗഹിത്യന്തപ്ങളെ അടത്ത്തിയാൻ സൗധിക്ക്നത
			664	ഭാഷ, എഴുത്ത, വി വര്തത്തം , സം സമ്മ പഠനം
			01	എന്നിവയക്കുഹിച്ചസം മാനയ്മായ അറിവ് നട്ടേനനു
		മലയാ ളന്നാ ഹി	CO2	വ വശതത്നശന്നതത്ത അ <del>നു</del> റി ചന്നു ട് തൽ അറിയ ൻ പ
	WAL4A10	ത്യ 4	CO3	സാറപ്പെന്ന് സാറ്റ്റ്റ്റ്റ്റ്റ്റ്റ്റ്റ്റ്റ്റ്റ്റ്റ്റ്
				ന <b>േവ</b> ൽ പത്സ്ഥാനതെ അക്കറി ചുപ്പ
			04	ന <b>േവ</b> ലു കളക്െകുറിച്ചുംഅറിയാൻ കഴിയു ന്നു
			CO1	മലയാ ഒ നാഹി തത്ത് അനാമാനത്താനി പരിപതം അന്ത
	MAL1A07(2)	മലയാ ളസാ ഹി തയ	CO2	നഭാവൽ സൗഹിതയതെക്കുറിച്ചമനസ്മിലെക്കുന്നു
		പഠന്നം 1	(0)	യ തരവ വരണു, സഞ്ചാരസം ഹ്യതയ എന്ന് 📜 👘
			03	മഖേലകളക്കെറിച്ചന്നാ മാനയമായി മനസ്നിലാക്കുന്നു
			CO1	കവാ സാ സാ ഹാ തയാപരി ചയപങ്കുന്നു അധാ സി ക പറെ കിന ന്നാംപ് തയാ മന്നൻമാ കുന്നാം
		മല യളസാ ഹി തയ	CO2	ന്ന ടകപത്സഥാനത അക്കറിച്ചമനന്നില്ലാക്കുന്നത
	MAL2A08(2)	പഠന്നം 2		ആതുക്കഥ / ജ്വവചര്വതരം എന്നുവയര
			CO4	കു റിച്ചസാ മാനയ്ഡ രണ ലഭിക്കുന്നു.
				മലയാ ഒഭാഷയില്ല ട്രെ മ്ന്തരന്ന പ്നുള്ളിക്കു
			CO1	മഖേലകളിലക്ക്ചന്നത്തതന്റ് ഉത്തവസരം
	MAI 1407(3)	മലയാള ഭാഷയും		ലഭിക്കുന്ന
		സാഹിത്യൂഠെ	CO2	മലയാള ചറെറ്റു കഥ്ഥ സൗഹി തയ്യപരി ചയപ്ഷുന്നു
			CO3	നവരേയാലാനഘട്ടാതില് കവാ ത്രകള്ക്കെന്ന് ച മനസ്തില് കക്ന്ന
				0.000 B 0.

			CO1	മലയാ ളചറെ, കഥ്ഥ സൗഹി തയം പരി ചയപ്ഷം, നനു
	MAL2A08(3)	മലയാളഭാഷയും സാഹിത്ത്തിഹാ	CO2	ന <b>േവ</b> ൽ പത്സ്ഥാനം പരി ചയപ്ഷു നന്റ
			CO3	ന്നാടക്പത്സ്ഥന്നം പരിചയപ്പങ്കുന്നു
Name of th	e programn	ne		Bachelor of Science, Geology
Short Name of th	e Programme			B.Sc. Geology
Code of the Prog	Code of the Programme		CO No:	Course Outcomes
Semester	Course code	Course little	CO NO:	Identify and define basid terms and concents which are needed for
			CO1	advanced courses in Geology
	GEO1B01	ESSENTIALS OF	603	
		GEOLOGY	02	Students will be able to understand the fundamental geological processes
			CO3	Able to understand in detail about natural hazards.
			CO1	Ablaltalundarstandkifferentlweatheringhrocessedandkeelogicalbaents
				Students will be able to understand the fundamentals of hydrogeology
		py wy udlasay a ad	CO2	processes.
	GEO2B03		CO3	Understand basic concepts and principles in Geoinformatics.
		ANDIGEOINFORMATICS		
			CO4	Know about various applications of Geoinformatics. Geoinformatic  applications in Geosciences (geology, groundwater mineral exploration)
			CO1	Basic terms and laws in crystallography
		CRYSTALLOGRAPHY AND	CO2	Detailed study of different classes.
	GEO3B05	MINERALOGY	002	
		· · ·	CO3	Understand scope and aim of mineralogy
			04	Understand the fundamental principles of petrological microscope and its
		OPTICALIAND	CO1	parts.
	GEO4B07		CO2	Know about optical properties of minerals and its identification
		IVIINERALUGI	CO3	Learn about mode of occurrence and industrial uses of minerals.
				Ability to comprehend, apply, analyze, or evaluate the concepts about
				analyses methods and field characteristics of common geological
			C01	structures, tectonic forces acting
				on the earth surface, concept of theory of plate tectonics etc, which are
				needed for advanced
				courses in Structural Geology and Geotectonics.
	GEO5B09		CO2	deformation,
		f II		associated pressure temperature conditions, stages of deformation.
			<b>CO3</b>	Students are exposed to geometric and genetic classification of types of
			03	and associated deformation mechanism
				Students will be able to identify different tectonic deformation structures
			CO4	in Earth surface
			CO1	The overview of the geological time scale
			CO2	Understanding of various stratigraphic laws & physical and biological
	GEO5B10	STRATIGRAPHYAND		The knowledge of broad classification of sedimentary rocks.
		SEDIMENTOLOGY	CO3	
			CO4	Detailed understanding sedimentary structures and textures
			CO5	Learning of various sedimentary rocks
			CO1	Understanding of important structures and textures of igneous rocks.
	GEO5B11		CO2	w ulicar ulanon democrandization and usion and usion structures of
	0103011	ponceospic merceo	CO3	Will study reasons for diversity in igneous rocks.
			CO4	Crystallization behavior and petrogenetic significance of magmas.
			CO1	Identify and define basic concept, factors and types of metamorphism
		METAMAGENING	CO2	Identify different structures and textures of metamorphid rocks
	GEO5B12		(0)	Determine metamorphic grades and facies
		PETROLOGY	05	Apprehend petrography and origin of various metamorphic rocks
			CO4	
			CO1	
				I he detailed learning of methods of fossil preservation and uses of fossils
			CO2	of foraminifera
	GEO6B17			

	OLOOD1/	FALALONIOLOGI		The detailed learning of different Phylum HCoelenterate, Hemichordata,
			CO3	Mollusca, Gastropoda, Cephalopoda, Brachiopoda, Echinodermta and
				Arthropoda
			CO4	The detailed understanding of plant fossils in India.
			CO1	Students can able to understand different stratigraphic distribution of
			COI	Indian and their correlation with other geological settings.
	GEO6B18	INDIAN GEOLOGY	CO2	Can able to understand about the major geologic events in the earth
			002	history and major gaps
			CO3	Students will get a detailed understanding of Himalayan orogeny
			CO1	It helps to reflects classification of different mineral deposits in earth.
			CO2	It gives an idea about how prevailing geological features controls ore
			002	deposition and also serve as tools to tind hidden treasure
	GEO6B19	ECONOMIC GEOLOGY	CO3	It gives an idea about the formation of mineral deposits
			CO4	t  helps  to  give  a  brief  knowledge  about  the  mineral  deposits  of  hdia
				I will be used to dive out to be with the life report on the self of the report disease to the late of the life report.
			CO5	rude loil and natural last
			601	Find out the natural examples which are studied in the theory classes
			01	Identify the structural features which are studied in the structural geology
			CO2	theory classes
	GEO1802(P)			Observe and understand the process behind geomorphology and other
	0101002(1)		CO3	geological phenomena
				Study the geological features using the live examples and extend the
			CO4	theory into field
			CO1	Introduce the new software tools to the geology
			CO2	Preparing the geology works to do with the help of computers
	GEO2BO4(P)	GEOINFORMATICS	CO3	To familiar with the image enhancing techniques
	. ,			To familiar with remote sensing missions of the different countries
			CO4	especially India
			004	Study of axial disposition, axial relationship and axial analysis of crystal
	GEO3B06(P)	CRYSTALLOGRAPHY	C01	systems
			CO2	Identification and description of crystal models in normal class
			CO3	Identification and description of simple twin models
			CO1	Study of axial disposition, axial relationship and axial analysis of crystal
			001	systems
			CO2	Identification and description of crystal models in normal class
			CO3	Identification and description of simple twin models
			CO4	Identification of mineral specimens based on physical properties.
		CRYSTALLOGRAPHY,	CO5	Identification of thin sections
	GEO4B08(P)	MINERALOGY &	CO6	Introduce the new software tools to the geology
		GEOINFORMATICS		
			C07	Preparing the geology works to do with the help of computers
			CO8	To familiar with the image enhancing techniques
			CO9	especially India
				Students will develop an ability to identify and explain different types of
			CO1	geological structures in the field, their geometries and types of
				them to distinct deformation regime.
				How to draw, interpret geological maps, construct geological cross
			CO2	sections, read topographic maps.
	GEO5B13(P)	STRUCTURAL GEOLOGY		Determine the thickness, width of an outcrop, attitude of a formation both
			CO3	by construction and calculation methods.
				Identify different types of geological structures in the map (horizontal bed,
			CO4	inclined bed, fold, fault, unconformity).
			601	Will identify and describe interaction and the start
			601	will identify and describe important igneous rock specimens
			602	The proliminant identification of uprious codimentary ranks
			03	The preliminary identification of various sedimentary rocks
			CO4	Will able to understand the significance of various sedimentary structures
	GE05B15(P)	PETROLOGY	CO5	Learning of various sedimentary textures of sedimentary rocks
	0103013(1)	I EINOLOGI	C06	Identify and define hasic concent factors and types of metamorphism
			C07	Identify different structures and textures of metamorphic rocks
				Determine metamorphic grades and facies
			CO8	
			CO9	Apprehend petrography and origin of various metamorphic rocks

	GEO6B20(P)		C01	Students will develop an ability to identify and explain different types of geological structures in the field, their geometries and types, and relate them to distinct deformation regime P
			CO2	How to draw, interpret geological maps, construct geological cross sections, read topographic maps.
		STRUCTURAL AND	CO3	Determine the thickness, width of an outcrop, attitude of a formation both by construction and calculation methods.
		ECONOMIC GEOLOGY	CO4	Identify different types of geological structures in the map (horizontal bed, inclined bed, fold, fault, unconformity).
			CO5	It helps the students to identify the Common Economically important minerals in Hand Specimen
			CO1	Will identify and describe important igneous rock specimens
			CO2	Identification of thin sections of igneous rocks
			CO3	The preliminary identification of various sedimentary rocks
			CO4	Will able to understand the significance of various sedimentary structures
			CO5	Learning of various sedimentary textures of sedimentary rocks.
			CO6	Identify and define basic concept, factors and types of metamorphism
			C07	Identify different structures and textures of metamorphic rocks
	GEOOBZI(P)	PALAEONTOLOGT	CO8	Determine metamorphic grades and facies
			CO9	Apprehend petrography and origin of various metamorphic rocks
			CO10	Students will able to identify megascopic fossils based on their morphological characters.
			C011	Students will able to do the megascopic and microscopic identification of rocks
			F	
				The detailed learning about the environment
		ENVIRONMENTAL GEOLOGY	C01	
	GL6B23(E01)		CO2	The detailed understanding man made interactions and its impacts The detailed learning different types of pollutions
			CO3	
	GL6B23(E02)	DISASTER MANAGEMENT		
	GL6B23(E03)	GEO EXPLORATION		
	GL6B20(E04)	GEOTECHNICAL		
Name of th	e programn	1e		Bachelor of Science, Library Science
Short Name of th	ne Programme			B.Lib.Sci
Code of the Prog	ramme			CCABLS
Semester	Course code	Course Title	CO No:	Course Outcomes
			C01	Comprehend the concept of information and the discipline of Library and Information Science.
			CO2	Understand the development of libraries.
	DUIC 04	Library, Information and	CO3	Classify libraries on the basis of their purpose and functions
	BLIS 01	Society	CO4	Know the role of libraries in the development of various aspects of society
			CO5	Comprehend the basic philosophy and laws of Library and Information Science
			CO6	Understand librarianship as a profession
			C01	Flaborate principles and functions of management
			CO2	Carry out various operations of Library and Information Centers
	BLIS 02	Management of Libraries and	CO4	Manage, preserve, and provide access to various print and non-print information sources
		Information Centres	CO5	Comprehend the concept of financial management and human resource management
			CO6	Maintain the library statistics and prepare annual report
			C01	Understand, identify, and explore the different types of information sources
			CO2	Evaluate various types of information sources

			CO3	Explore, collate, and facilitate access to the electronic resources, such as e
	BLISO3	Information Sources, Systems and Services		journals, e-books, databases, and institutional repositories
			CO4	gateways, digital libraries
			CO5	Understand the concept of library resource sharing and consortia
			C06	Comprehend the nature and functions of various information systems and
			00	networks
			CO1	Understand the structure of computer and functions of its various units.
				Plan and implement automation in library housekeeping operations and
			02	services
	BLIS 04	Information Technology	CO3	Identify and state the features of telecommunication channels, modes,
		Theory		Highlight the nature and components of computer networks and their
			CO4	protocols and standards.
			CO5	Examine the concept of library networks and highlight their types and
			603	importance
			01	explain the nature and attributes of universe of knowledge
			CO2	Elaborate meaning and types of subjects and modes of subject formation
		Knowledge Organization	CO3	Illustrate knowledge as mapped in different classification schemes
	BLIS 05	– Library Classification	CO4	Express the meaning, purpose, functions, theories, and canons of library
		Theory		Discuss the characteristics, merits, and demerits of different species of
			CO5	library classification schemes
			CO6	Highlight salient features of major classification schemes. Review current
			601	trends in library classification
			CO1	Comprehend various inner and outer forms of library catalogue
			CO3	Understand the main and added entries of library catalogue
	RUS OF	Knowledge Organization	CO4	Understand various approaches of deriving subject headings
	BLIS UU	Theory Objectives	CO5	Know about the normative principles of cataloguing
	BLIS07	Knowledge Organization	CO6	Understand the concept of co-operative and centralized cataloguing
			C07	Explain the current trends in library cataloguing
			C08	Construct class numbers for documents with simple, compound and
			CO1	complex Subjects.
			CO2	Synthesize class numbers by using the standard subdivisions/common
		Practice	001	isolates/auxiliary tables
			CO3	scheme
		Knowledge Organization	CO1	Use the catalogue codes and standards
	BLIS 08	– Library Cataloguing	CO2	Prepare catalogue entries for various types of information sources
		Practice	CO3	Derive subject headings using various methods and tools
			CO1	Power Point Presentation software
		Lafe and the effective states	001	
	BLIS 09	Practical	CO2	Carry out library housekeeping operations and Generate different types of
			001	report using library management software koha
			CO3	strategies
				Students have to carry out project works under the guidance of a faculty
	BLIS 10	Project Work and ViVa	CO1	member and prepare reports. The students should also appear for a viva-
				voce
	BUS A01	(Audit Course -1) Library	CO1	Understand the activities and services in different types of libraries by
	Observation and Study		participative and experimental learning	
		(Audit Course -2)		Croate full text database, disitel archive (disitel librar units Consult
	BLIS A02	Greenstone Digital		digital library software. Understand metadata creation
Name of th	e programn	ne		Bachelor of Science, Hotel Management & Catering
Short Name of the Programme				B.Sc. Hotel Mgt & Catering Science
Code of the Prog	ramme			CCAHMCS
Semester	Course code	Course Title	CO No:	Course Outcomes
			C01	onderstand the hospitality industry and get introduced to the history of hotels, resorts and motels.
		INTRODUCTION TO		Comprehend different types of hotels, hotel organizations and job
	BSH/C 1B01	HOSPITALITY INDUSTRY	CO2	description.

			CO3	Get to know customer service and guest service.
			CO4	Apprehend areas of hospitality industry
				Get introduced to housekeeping and understand the importance of
			CO1	housekeeping in hospitality industry.
			603	
	BSH2B02		02	Understand the organizational framework of housekeeping department.
		OFERATIONS	CO3	Learn bed making procedure, cleaning procedure and different types of
			605	cleaning
			CO4	Comprehend housekeeping procedure and public area cleaning
			CO1	Identify and learn the use of cleaning equipment and cleaning agents
		ACCOMMODATION	CO2	Learn the process of bed making, the cleaning procedure of guest room
	BSH2B02 (P)	OPERATIONS		and turn down service and second service.
		(PRACTICAL)	CO3	Apprenend standard supplies and setting of maid's cart and different
			604	Crace quest room inspection and linen folding
			CO4	Grasp guest room inspection and inter rolding
			CO1	Understand the basic principles of food production
		FOOD AND BEVERAGE	02	Comprehend the classification of most rice and pulses along with their
	03113003	PRODUCTION -I	CO3	methods of cooking
			CO4	Learn about heverages, milk and milk products
			CO1	Learn cutting of vegetables, preparation of stocks and sauces.
		FOOD AND REVERAGE	CO2	Learn the production of soup.
	BSH3B03 (P)	PRODUCTION - I	002	Learn the production of dishes with egg. fish, poultry, meat, potatoes and
	(,	(PRACTICAL)	CO3	vegetables and also the production of salads and sandwiches.
		(	CO4	Learn the production of Indian cuisine.
			CO1	Get introduced to catering and classification of the catering industry.
		FOOD ANDBEVERAGE	CO2	Study the department organization and staffing.
	BSH3B04	SERVICE-I	CO3	Understand the use of operating equipment.
			CO4	Learn about menu and types of services
		FOOD AND BEVERAGE SERVICE -I(PRACTICAL)	CO1	Get introduced to food and beverage areas.
			CO2	Acquire basic technical skill.
	BSH3B04 (P)		CO3	Learn menu planning.
			CO4	Learn food and beverage service and breakfast service
	BSH4B05	FOOD ANDBEVERAGE SERVICE-II	CO1	Study classification of beverages
			CO2	Understand bar and alcoholic beverages.
			CO3	Learn wines, Champagne, fortified wines and aperitifs
			CO4	Understand liqueurs, beer, cocktails and spirits
			CO1	Learn dispense bar -organizing Mise-en-place
	BSH4B05(P)	FOOD AND BEVERAGE	CO2	Understand Planning and operating food and beverage outlets
		SERVICE-II(PRACTICAL)	CO3	Understand cocktails, mixed drinks and alcoholic beverages
			C04	Cet introduced to Indian Cookery
			C01	Learn quantity feed production and monu planning
	BSH4B06	FOOD & BEVERAGE	02	Learn quantity root production and mend planning
	B3114B00	PRODUCTION –II	CO3	and garnishes
			CO4	Learn Bakery and confectionery
			CO1	Learn the production of continental dishes
		FOOD & BEVERAGE	CO2	Learn the production of Bread
	BSH 4B06 (P)	PRODUCTION – II	CO3	Learn the production of salad
		(PRACTICAL)	CO4	Learn the production of Dessert
			CO1	Understand different operational departments in the hotel
	DOUGDOT	INDUSTRIAL EXPOSURE	CO2	Developing the relationship
	BSH5B07	TRAINING AND REPORT	CO3	Understand daily functions of varies department in the hotel
			CO4	Learn standard operating procedures of departments
			CO1	Understand about hotel department
		COMPREHENSIVE SELF	CO2	Understand technical words using in core department
	8095 1159	STUDY	CO3	Learn the functions of front office and Housekeeping
			CO4	Learn the functions of F&B Service and F&B Production
			CO1	Get introduced to hospitality industry and front office organization
	BSH6B09	FRONT OFFICE	CO2	Learn Room Tariff, reservation and registration procedure
	23110205	OPERATION	CO3	Understand Guest services
			CO4	Learn Front office accounting
		FRONT OFFICE	CO1	Learn and procedure of reservation and registration
	BSH6B09 (P)	OPERATIONS	CO2	Understand guest history and telephone and housekeeping procedure
		(PRACTICALS)	CO3	Learn daily transactions and front office accounting procedure
			CO4	Role play

		B10 ACCOMMODATION MANAGEMENT	CO1	Get introduced to linen and uniform room management
	BSH6B10		CO2	Understand the laundry department
			CO3	Learn interior design and flower arrangement
			CO4	Comprehend housekeeping supervision
		ROOMS DIVISION MANAGEMENT	CO1	Learn computer applications in front office
			CO2	Understand vield management
	BSH 6B11		CO3	Learn the process of evaluating hotel performance
			CO1	Understand the soft skills for hospitality and quality management
			CO4	Loarn cost and calos dynamics
			01	Acquire inventory control and food and hoverage control and hudgetary
	BSH/C 6B12	FOOD AND BEVERAGE	CO2	control.
		MANAGEMENT	CO3	Understand standard costing, variance analysis and breakeven
			CO4	Learn menu merchandising
Name of th	e program	ne		Bachelor of Arts, Economics
Short Name of th	ne Programme			B.A. Economics
Code of the Prog	ramme			CCAECR
Semester	Course code	Course Title	CO No:	Course Outcomes
			C01	To acquaint students with the fundamental concepts and principles to understand the Economic motives and behaviour patterns of an individual
				Consumer.
			CO2	To study the pattern of resource allocation for the well-being of the society.
			CO3	Get an introduction to supply and demand and the basic forces that determine
			005	equilibrium in a market economy
			CO4	To study the concept of Welfare Economics and get to know the different
1			004	concepts of Social Welfare.
1			CO5	Summarize the law of diminishing marginal utility; describe the process of utility maximization.
				Calculate supply and demand elasticities, identify the determinants of
			CO6	price elasticity of demand and supply, and demonstrate the relationship between elasticity and total revenue.
			C07	Describe the production function and the Law of Diminishing Marginal Productivity; calculate and
			CO8	Graph short-run and long-run costs of production
			CO1	Explain the various concepts and nature of Macroeconomics.
			603	Identify key macroeconomic indicators and measures of economics change,
			02	growth, and development.
2			CO3	To know the various theories of Classical and Keynesian school of thought
-		WIACINO ECONOMICS I	CO4	Identify the phases of the business cycle and the problems caused by cyclical
			04	fluctuations in the market economy
			CO5	Define money and the money supply; describe the process of money creation by the banking system and the role of the central bank.
			C01	To introduce various statistical tools to foster a research attitude in the students of Economics
				To enable the students to compute various methods of correlation and know the
		QUANTITATIVE METHODS	CO2	differences between correlation and regression.
		FOR ECONOMIC ANALYSIS	CO3	To compute and interpret simple linear regression between two variables
		-1	CO4	To understand the basic matrix algebra and its various uses and applications.
				To give knowledge about various measurement of trend like semi average,
			C05	moving average and least square
			CO1	To know the idea of Producer's Equilibrium and Consumer's Equilibrium and the idea of different Cost curves and Revenue curves.
3			CO2	To impart an understanding about the behaviour of the producer in different types of markets.
			CO3	To get to know the idea of how Products are priced and the idea of when price discrimination is possible.
		MICROECONOMICS II		Identify the four market structures by characteristics: calculate and graph the
			CO4	profit maximizing price and quantity in the output markets by use of marginal analysis.
			CO5	Determine the profit maximizing price and quantity of resources in factor markets under perfect and imperfect competition by use of marginal analysis.
			C01	To construct different types of index numbers and the importance of index numbers in Indian Economy.
		QUANTITATIVE METHODS	CO2	To introduce various statistical tools to foster a research attitude in the students of Economics
		FOR ECONOMIC ANALYSIS	CO3	To understand the theory of probability and its applications
		- 11	CO4	To use basic counting techniques (addition rule and multiplication rule,) to
				compute probability.
			CO5	to give knowledge about various measurement of trend like semi average, moving average and least square.

			CO1	To understand the basic ISI M model and the general equilibrium analysis
4	4		CO1 CO2	Get an introduction to supply and demand and the basic forces that determine
		MACROECONOMICS – II	CO3	shifts in both market supply and demand; demonstrate the impact of shifts in both market supply and demand curves on equilibrium price and output.
			CO4	economy and use it to illustrate macroeconomic problems and potential
			CO5	Identify the phases of the business cycle and the problems caused by cyclical
				The students are expected to learn how the principles of economics can be
			C01	applied to sound decision making in public finance, and expected to learn all the important economic issues that government agents face.
		FISCAL ECONOMICS	CO2	Understand the role and functions of the government in a modern economy and issues related to market failure and government intervention
			CO3	Provide an understanding of concepts and theories of public economics and analyse the interrelationship between Centre, State and Local Governments.
			CO4	To study the recent trends in public expenditure, taxation and budgetary policy and understand the fiscal reforms in India.
			C01	Develop ideas of the basic characteristics of Indian economy, its potential on natural resources
				Understand agriculture as the foundation of economic growth and development,
			CO2	contribution to the economy as a whole.
		DEVELOPMENT	CO3	To understand the role of economic policies in shaping and improving economic performance in agriculture, manufacturing and services.
			CO4	To have knowledge about the issues in Indian Economy like planning, poverty, unemployment etc
			CO1	Explain how the capital markets operate and helps to identify the main
			CO2	participants To understand the evolution, working and role of Debt Market in India.
_		ECONOMICS OF CAPITAL MARKET	CO3	To understand the role, functions of the various intermediaries and regulatory
5	5		005	bodies.
			CO4	To provide an overview of the Indian equity market, growth and development.
			CO5	To understand the role and functions of the various intermediaries and regulatory bodies in the Indian Equity Market
			CO6	To introduce the concept of Merchant Banking and the role of merchant bankers in issue of various financial instruments
			C07	To study the issue of interational financial instruments such as ADRs and DRs.
		MATHEMATICAL	C01	Students would learn how to deal economic problems with the help of mathematics.
			CO2	Students would know different types of economic functions like utility functions, production functions etc.
				To give students a solid foundation in both mathematics and economics,
			CO3	to economics and the parts of economics that emphasize the use of mathematics and statistics that are most relevant
		ECONOMICS		The advance and technically rigorous nature of course would serve as an
			CO4	excellent foundation for students for studying economic with the help of mathematical tools.
				To apply mathematical techniques to the study of economic model, to
			CO5	formally represent economic relationships using mathematical forms & present several economic functions and their relations.
			CO1	To introduce major financial instruments such as bonds, stocks, futures, and
			01	options and discuss techniques to value these diverse financial assets
			CO2	usefulness in financial decision making
		FINANCIAL ECONOMICS	CO3	Apply general principles of asset pricing for evaluation of contingent contracts.
			CO4	Apply the principles that lead to the efficient formation of portfolios of stocks.
			C03	Familiarize both theoretical and empirical aspects of international economics and
			01	understand the consequences of global interdependence
			CO2	payments and foreign exchange.
		INTERNATIONAL	CO3	international debt and balance of payments positions
	ECONOMICS	CO4	international trade theories	

- nal financial instruments such as ADRs and DRs.
- eal economic problems with the help of
- t types of economic functions like utility functions,
- ndation in both mathematics and economics, thematics and statistics that are most relevant of economics that emphasize the use of
- rigorous nature of course would serve as an dents for studying economic with the help of
- niques to the study of economic model, to c relationships using mathematical forms & unctions and their relations.
- struments such as bonds, stocks, futures, and s to value these diverse financial assets
- models, their underlying assumptions, and their making
  - et pricing for evaluation of contingent contracts.
- to the efficient formation of portfolios of stocks. se of derivatives
- d empirical aspects of international economics and of global interdependence
- ntry's position regarding international trade,
- methods regarding improvement in terms of trade, of payments positions
- international trade and analyse various

			CO5	Understand the importance and way to regulate international trade and the
6				national economy in the global context Study the level of international financial flows and understand the functions of
Ŭ			CO6	international institutions in the global economy
			CO1	Gain knowledge of the origin and development of economic ideas
				To learn and discuss, at an advanced undergraduate level, how the economic
				thought has evolved over time, introducing students to the critical comparison of
		DEVELOPMENT OF	CO2	the contributions of the main schools of economics: the classical, the marginalist
		ECONOMIC THOUGHT		the current macroeconomic debate between the neo-classical and the Kevnesian
				school
			CO3	Gain confidence in evaluating economic ideas and understand the government
			005	policies from the perspectives of different economic ideas
			C01	Students would be acquainted with the various perspectives of economic growth and its relevance
			CO2	To promote understanding of theories of growth and development
			<u> </u>	To familiarize the students with contemporary issues in economic growth and
		AND DEVELOPMENT	005	development
			CO4	Students would understand the conceptual bases of income measurement,
			04	various institutions in economic growth and development.
			CO5	To know the policy analysis between developing and developed countries.
			C01	To familiarise the students to study economics with an applied approach.
			CO2	Students would gain understanding of primarily about estimation and hypothesis
6		ELECTIVE COURSE - BASIC		To introduce regression analysis to students so that they are able to understand
Ū		ECONOMETRICS	CO3	its applications in different fields in economics
			CO4	Students will be able to specify assumptions, formulate and estimate appropriate
			04	models, interpret the results and test their statistical significance.
Name of th	e programn	ne		Bachelor of Arts, English and History
Short Name of th	ne Programme			B.A. English & History
Code of the Prog	ramme	Course Title	CO No:	CCADER Courses Outcomes
Semester	Course code	Course litie	CO NO:	Course Outcomes
	HIS1B01	TRENDS IN HISTORIOGRAPHY	CO1	To understand the various trends in the writing of History across the world
			CO3	To develop the skill among the students to write and learn History
				To introduce students to the language of literature, i.e., the meaning-making
			CO1	devices, verb phrases, collocations, linkers, sense groups and their functions in
				the literary text
				the literary text. To train the students to identify the linguistic structures of poetic texts: symbols.
	ENG1B01	INTRODUCING LITERATURE	CO2	the literary text. To train the students to identify the linguistic structures of poetic texts: symbols, metaphors, and other tropes and equip them in poetic conventions
	ENG1B01	INTRODUCING LITERATURE	CO2	the literary text. To train the students to identify the linguistic structures of poetic texts: symbols, metaphors, and other tropes and equip them in poetic conventions To recognize diverse points of view within a single text and to understand the
	ENG1B01	INTRODUCING LITERATURE	CO2 CO3	the literary text. To train the students to identify the linguistic structures of poetic texts: symbols, metaphors, and other tropes and equip them in poetic conventions To recognize diverse points of view within a single text and to understand the rationale of polyphony
	ENG1B01	INTRODUCING LITERATURE	CO2 CO3 CO4	the literary text. To train the students to identify the linguistic structures of poetic texts: symbols, metaphors, and other tropes and equip them in poetic conventions To recognize diverse points of view within a single text and to understand the rationale of polyphony To prepare students in reading literary/cultural texts closely, beyond the literal
	ENG1B01	INTRODUCING LITERATURE	CO2 CO3 CO4 CO1	the literary text. To train the students to identify the linguistic structures of poetic texts: symbols, metaphors, and other tropes and equip them in poetic conventions To recognize diverse points of view within a single text and to understand the rationale of polyphony To prepare students in reading literary/cultural texts closely, beyond the literal To expose the evolution of History as a discipline in India
	ENG1B01 HIS2B02	INTRODUCING LITERATURE	CO2 CO3 CO4 CO1 CO2	the literary text. To train the students to identify the linguistic structures of poetic texts: symbols, metaphors, and other tropes and equip them in poetic conventions To recognize diverse points of view within a single text and to understand the rationale of polyphony To prepare students in reading literary/cultural texts closely, beyond the literal To expose the evolution of History as a discipline in India To understand the paradigm shifts in the writing of History in India
	ENG1B01 HIS2B02	INTRODUCING LITERATURE Trends in Indian Historiography	CO2 CO3 CO4 CO1 CO2 CO3	the literary text. To train the students to identify the linguistic structures of poetic texts: symbols, metaphors, and other tropes and equip them in poetic conventions To recognize diverse points of view within a single text and to understand the rationale of polyphony To prepare students in reading literary/cultural texts closely, beyond the literal To expose the evolution of History as a discipline in India To understand the paradigm shifts in the writing of History in India To familiarize the recent trends in the development of history writing
	ENG1B01 HIS2B02	INTRODUCING LITERATURE Trends in Indian Historiography	CO2 CO3 CO4 CO1 CO2 CO3	the literary text. To train the students to identify the linguistic structures of poetic texts: symbols, metaphors, and other tropes and equip them in poetic conventions To recognize diverse points of view within a single text and to understand the rationale of polyphony To prepare students in reading literary/cultural texts closely, beyond the literal To expose the evolution of History as a discipline in India To understand the paradigm shifts in the writing of History in India To familiarize the recent trends in the development of history writing To interact the students to the basis planearts of eactor, including the studies to the students of
	ENG1B01 HIS2B02	INTRODUCING LITERATURE Trends in Indian Historiography	CO2 CO3 CO4 CO1 CO2 CO3 CO1	the literary text. To train the students to identify the linguistic structures of poetic texts: symbols, metaphors, and other tropes and equip them in poetic conventions To recognize diverse points of view within a single text and to understand the rationale of polyphony To prepare students in reading literary/cultural texts closely, beyond the literal To expose the evolution of History as a discipline in India To understand the paradigm shifts in the writing of History in India To familiarize the recent trends in the development of history writing To introduce the students to the basic elements of poetry, including the stylistic and rhetorical devices employed in poetry, and to various genres of poetry
	ENG1B01 HIS2B02 ENG2B02	INTRODUCING LITERATURE Trends in Indian Historiography	CO2 CO3 CO4 CO1 CO2 CO3 CO1	the literary text. To train the students to identify the linguistic structures of poetic texts: symbols, metaphors, and other tropes and equip them in poetic conventions To recognize diverse points of view within a single text and to understand the rationale of polyphony To prepare students in reading literary/cultural texts closely, beyond the literal To expose the evolution of History as a discipline in India To understand the paradigm shifts in the writing of History in India To familiarize the recent trends in the development of history writing To introduce the students to the basic elements of poetry, including the stylistic and rhetorical devices employed in poetry, and to various genres of poetry To facilitate students to attain various perspective in reading poetry like gender,
	ENG1B01 HIS2B02 ENG2B02	INTRODUCING LITERATURE Trends in Indian Historiography APPRECIATING POETRY	CO2 CO3 CO4 CO1 CO2 CO3 CO1 CO2	<ul> <li>the literary text.</li> <li>To train the students to identify the linguistic structures of poetic texts: symbols, metaphors, and other tropes and equip them in poetic conventions</li> <li>To recognize diverse points of view within a single text and to understand the rationale of polyphony</li> <li>To prepare students in reading literary/cultural texts closely, beyond the literal</li> <li>To expose the evolution of History as a discipline in India</li> <li>To understand the paradigm shifts in the writing of History in India</li> <li>To familiarize the recent trends in the development of history writing</li> <li>To introduce the students to the basic elements of poetry, including the stylistic and rhetorical devices employed in poetry, and to various genres of poetry</li> <li>To facilitate students to attain various perspective in reading poetry like gender, race, caste, ethnicity, religion, region, environment and nation</li> </ul>
	ENG1B01 HIS2B02 ENG2B02	INTRODUCING LITERATURE Trends in Indian Historiography APPRECIATING POETRY	CO2 CO3 CO4 CO1 CO2 CO3 CO1 CO2 CO2 CO3	the literary text. To train the students to identify the linguistic structures of poetic texts: symbols, metaphors, and other tropes and equip them in poetic conventions To recognize diverse points of view within a single text and to understand the rationale of polyphony To prepare students in reading literary/cultural texts closely, beyond the literal To expose the evolution of History as a discipline in India To understand the paradigm shifts in the writing of History in India To familiarize the recent trends in the development of history writing To introduce the students to the basic elements of poetry, including the stylistic and rhetorical devices employed in poetry, and to various genres of poetry To facilitate students to attain various perspective in reading poetry like gender, race, caste, ethnicity, religion, region, environment and nation To familiarize the learners with different forms of poetry written in British and America Hendre
	ENG1B01 HIS2B02 ENG2B02	INTRODUCING LITERATURE Trends in Indian Historiography APPRECIATING POETRY	CO2 CO3 CO4 CO1 CO2 CO3 CO1 CO2 CO2 CO3	the literary text. To train the students to identify the linguistic structures of poetic texts: symbols, metaphors, and other tropes and equip them in poetic conventions To recognize diverse points of view within a single text and to understand the rationale of polyphony To prepare students in reading literary/cultural texts closely, beyond the literal To expose the evolution of History as a discipline in India To understand the paradigm shifts in the writing of History in India To familiarize the recent trends in the development of history writing To introduce the students to the basic elements of poetry, including the stylistic and rhetorical devices employed in poetry, and to various genres of poetry To facilitate students to attain various perspective in reading poetry like gender, race, caste, ethnicity, religion, region, environment and nation To familiarize the learners with different forms of poetry written in British and American literature To understand the evolution and development of early society in India
	ENG1B01 HIS2B02 ENG2B02 HIS3B04	INTRODUCING LITERATURE Trends in Indian Historiography APPRECIATING POETRY	CO2 CO3 CO4 CO1 CO2 CO3 CO1 CO2 CO3 CO3 CO3 CO1 CO2	<ul> <li>the literary text.</li> <li>To train the students to identify the linguistic structures of poetic texts: symbols, metaphors, and other tropes and equip them in poetic conventions</li> <li>To recognize diverse points of view within a single text and to understand the rationale of polyphony</li> <li>To prepare students in reading literary/cultural texts closely, beyond the literal</li> <li>To expose the evolution of History as a discipline in India</li> <li>To understand the paradigm shifts in the writing of History in India</li> <li>To familiarize the recent trends in the development of history writing</li> <li>To introduce the students to the basic elements of poetry, including the stylistic and rhetorical devices employed in poetry, and to various genres of poetry</li> <li>To facilitate students to attain various perspective in reading poetry like gender, race, caste, ethnicity, religion, region, environment and nation</li> <li>To familiarize the learners with different forms of poetry written in British and American literature</li> <li>To understand the evolution and development of early society in India</li> </ul>
	ENG1B01 HIS2B02 ENG2B02 HIS3B04	INTRODUCING LITERATURE Trends in Indian Historiography APPRECIATING POETRY INDIAN HISTORY-1	CO2 CO3 CO4 CO1 CO2 CO3 CO1 CO2 CO3 CO1 CO2 CO3 CO1 CO2 CO3	<ul> <li>the literary text.</li> <li>To train the students to identify the linguistic structures of poetic texts: symbols, metaphors, and other tropes and equip them in poetic conventions</li> <li>To recognize diverse points of view within a single text and to understand the rationale of polyphony</li> <li>To prepare students in reading literary/cultural texts closely, beyond the literal</li> <li>To expose the evolution of History as a discipline in India</li> <li>To understand the paradigm shifts in the writing of History in India</li> <li>To familiarize the recent trends in the development of history writing</li> <li>To introduce the students to the basic elements of poetry, including the stylistic and rhetorical devices employed in poetry, and to various genres of poetry</li> <li>To facilitate students to attain various perspective in reading poetry like gender, race, caste, ethnicity, religion, region, environment and nation</li> <li>To familiarize the learners with different forms of poetry written in British and American literature</li> <li>To understand the evolution and development of early society in India</li> <li>To create awareness about the culture and civilizations of ancient India</li> <li>To assimilate the recent approaches and developments early History</li> </ul>
	ENG1B01 HIS2B02 ENG2B02 HIS3B04	INTRODUCING LITERATURE Trends in Indian Historiography APPRECIATING POETRY INDIAN HISTORY-1	CO2 CO3 CO4 CO1 CO2 CO3 CO1 CO2 CO3 CO1 CO2 CO3 CO1 CO2 CO3 CO1	the literary text.To train the students to identify the linguistic structures of poetic texts: symbols, metaphors, and other tropes and equip them in poetic conventionsTo recognize diverse points of view within a single text and to understand the rationale of polyphonyTo prepare students in reading literary/cultural texts closely, beyond the literal To expose the evolution of History as a discipline in IndiaTo understand the paradigm shifts in the writing of History in India To familiarize the recent trends in the development of history writingTo introduce the students to the basic elements of poetry, including the stylistic and rhetorical devices employed in poetry, and to various genres of poetryTo facilitate students to attain various perspective in reading poetry like gender, race, caste, ethnicity, religion, region, environment and nationTo familiarize the learners with different forms of poetry written in British and American literatureTo understand the evolution and development of early society in IndiaTo create awareness about the culture and civilizations of ancient IndiaTo assimilate the recent approaches and developments early History
	ENG1B01 HIS2B02 ENG2B02 HIS3B04 ENG3B03	INTRODUCING LITERATURE Trends in Indian Historiography APPRECIATING POETRY INDIAN HISTORY-1 APPRECIATING PROSE	CO2 CO3 CO4 CO1 CO2 CO3 CO1 CO2 CO3 CO1 CO2 CO3 CO1 CO2 CO3 CO1 CO2 CO3 CO1 CO2	the literary text. To train the students to identify the linguistic structures of poetic texts: symbols, metaphors, and other tropes and equip them in poetic conventions To recognize diverse points of view within a single text and to understand the rationale of polyphony To prepare students in reading literary/cultural texts closely, beyond the literal To expose the evolution of History as a discipline in India To understand the paradigm shifts in the writing of History in India To familiarize the recent trends in the development of history writing To introduce the students to the basic elements of poetry, including the stylistic and rhetorical devices employed in poetry, and to various genres of poetry To facilitate students to attain various perspective in reading poetry like gender, race, caste, ethnicity, religion, region, environment and nation To familiarize the learners with different forms of poetry written in British and American literature To understand the evolution and development of early society in India To assimilate the recent approaches and developments early History To familiarize the students with different types of prose writing
	ENG1B01 HIS2B02 ENG2B02 HIS3B04 ENG3B03	INTRODUCING LITERATURE Trends in Indian Historiography APPRECIATING POETRY INDIAN HISTORY-1 APPRECIATING PROSE	CO2 CO3 CO4 CO1 CO2 CO3 CO1 CO2 CO3 CO1 CO2 CO3 CO1 CO2 CO3 CO1 CO2 CO3 CO1 CO2 CO3 CO1	<ul> <li>the literary text.</li> <li>To train the students to identify the linguistic structures of poetic texts: symbols, metaphors, and other tropes and equip them in poetic conventions</li> <li>To recognize diverse points of view within a single text and to understand the rationale of polyphony</li> <li>To prepare students in reading literary/cultural texts closely, beyond the literal</li> <li>To expose the evolution of History as a discipline in India</li> <li>To understand the paradigm shifts in the writing of History in India</li> <li>To familiarize the recent trends in the development of history writing</li> <li>To introduce the students to the basic elements of poetry, including the stylistic and rhetorical devices employed in poetry, and to various genres of poetry</li> <li>To facilitate students to attain various perspective in reading poetry like gender, race, caste, ethnicity, religion, region, environment and nation</li> <li>To familiarize the learners with different forms of poetry written in British and American literature</li> <li>To understand the evolution and development of early society in India</li> <li>To assimilate the recent approaches and developments early History</li> <li>To familiarize the students with different types of prose writing</li> <li>To introduce to them the basic concepts of style and literary devices in prose</li> <li>To acquaint them with cultural diversity and divergence in perspectives</li> </ul>
	ENG1B01 HIS2B02 ENG2B02 HIS3B04 ENG3B03	INTRODUCING LITERATURE Trends in Indian Historiography APPRECIATING POETRY INDIAN HISTORY-1 APPRECIATING PROSE	CO2 CO3 CO4 CO1 CO2 CO3 CO1 CO2 CO3 CO1 CO2 CO3 CO1 CO2 CO3 CO1 CO2 CO3 CO1 CO2 CO3 CO1 CO2 CO3 CO1 CO2 CO3 CO1 CO2 CO3 CO3 CO1 CO2 CO3 CO3 CO3 CO3 CO3 CO3 CO3 CO3 CO3 CO3	<ul> <li>the literary text.</li> <li>To train the students to identify the linguistic structures of poetic texts: symbols, metaphors, and other tropes and equip them in poetic conventions</li> <li>To recognize diverse points of view within a single text and to understand the rationale of polyphony</li> <li>To prepare students in reading literary/cultural texts closely, beyond the literal</li> <li>To expose the evolution of History as a discipline in India</li> <li>To understand the paradigm shifts in the writing of History in India</li> <li>To familiarize the recent trends in the development of history writing</li> <li>To introduce the students to the basic elements of poetry, including the stylistic and rhetorical devices employed in poetry, and to various genres of poetry</li> <li>To facilitate students to attain various perspective in reading poetry like gender, race, caste, ethnicity, religion, region, environment and nation</li> <li>To familiarize the learners with different forms of poetry written in British and American literature</li> <li>To understand the evolution and development of early society in India</li> <li>To create awareness about the culture and civilizations of ancient India</li> <li>To assimilate the recent approaches and developments early History</li> <li>To familiarize the students with different types of prose writing</li> <li>To introduce to them the basic concepts of style and literary devices in prose</li> <li>To acquaint them with cultural diversity and divergence in perspectives</li> <li>To develop their critical thinking abilities and write creatively and critically</li> </ul>
	ENG1B01 HIS2B02 ENG2B02 HIS3B04 ENG3B03	INTRODUCING LITERATURE Trends in Indian Historiography APPRECIATING POETRY INDIAN HISTORY-1 APPRECIATING PROSE	CO2 CO3 CO4 CO1 CO2 CO3 CO1 CO2 CO3 CO1 CO2 CO3 CO1 CO2 CO3 CO1 CO2 CO3 CO1 CO2 CO3 CO1 CO2 CO3 CO1 CO2 CO3 CO1 CO2 CO3 CO3 CO1 CO2 CO3 CO3 CO3 CO3 CO3 CO3 CO3 CO3 CO3 CO3	<ul> <li>the literary text.</li> <li>To train the students to identify the linguistic structures of poetic texts: symbols, metaphors, and other tropes and equip them in poetic conventions</li> <li>To recognize diverse points of view within a single text and to understand the rationale of polyphony</li> <li>To prepare students in reading literary/cultural texts closely, beyond the literal</li> <li>To expose the evolution of History as a discipline in India</li> <li>To understand the paradigm shifts in the writing of History in India</li> <li>To familiarize the recent trends in the development of history writing</li> <li>To introduce the students to the basic elements of poetry, including the stylistic and rhetorical devices employed in poetry, and to various genres of poetry</li> <li>To facilitate students to attain various perspective in reading poetry like gender, race, caste, ethnicity, religion, region, environment and nation</li> <li>To familiarize the learners with different forms of poetry written in British and American literature</li> <li>To understand the evolution and development of early society in India</li> <li>To create awareness about the culture and civilizations of ancient India</li> <li>To assimilate the recent approaches and developments early History</li> <li>To familiarize the students with different types of prose writing</li> <li>To introduce to them the basic concepts of style and literary devices in prose</li> <li>To acquaint them with cultural diversity and divergence in perspectives</li> <li>To develop their critical thinking abilities and write creatively and critically</li> <li>To familiarize the students about cultural and economic developments in medieval India</li> </ul>
	ENG1B01 HIS2B02 ENG2B02 HIS3B04 ENG3B03 HIS4B06	INTRODUCING LITERATURE Trends in Indian Historiography APPRECIATING POETRY INDIAN HISTORY-1 APPRECIATING PROSE INDIAN HISTORY-2	CO2 CO3 CO4 CO1 CO2 CO3 CO1 CO2 CO3 CO1 CO2 CO3 CO1 CO2 CO3 CO1 CO2 CO3 CO1 CO2 CO3 CO1 CO2 CO3 CO1 CO2 CO3 CO1 CO2 CO3 CO1 CO2 CO3 CO1 CO2 CO3 CO1 CO2 CO3 CO3 CO1 CO2 CO3 CO1 CO2 CO3 CO1 CO2 CO3 CO1 CO2 CO3 CO3 CO1 CO2 CO3 CO3 CO1 CO2 CO3 CO3 CO3 CO1 CO2 CO3 CO3 CO3 CO3 CO3 CO3 CO3 CO3 CO3 CO3	<ul> <li>the literary text.</li> <li>To train the students to identify the linguistic structures of poetic texts: symbols, metaphors, and other tropes and equip them in poetic conventions</li> <li>To recognize diverse points of view within a single text and to understand the rationale of polyphony</li> <li>To prepare students in reading literary/cultural texts closely, beyond the literal</li> <li>To expose the evolution of History as a discipline in India</li> <li>To understand the paradigm shifts in the writing of History in India</li> <li>To familiarize the recent trends in the development of history writing</li> <li>To introduce the students to the basic elements of poetry, including the stylistic and rhetorical devices employed in poetry, and to various genres of poetry</li> <li>To facilitate students to attain various perspective in reading poetry like gender, race, caste, ethnicity, religion, region, environment and nation</li> <li>To familiarize the learners with different forms of poetry written in British and American literature</li> <li>To understand the evolution and development of early society in India</li> <li>To create awareness about the culture and civilizations of ancient India</li> <li>To assimilate the recent approaches and developments early History</li> <li>To familiarize the students with different types of prose writing</li> <li>To introduce to them the basic concepts of style and literary devices in prose</li> <li>To acquaint them with cultural diversity and divergence in perspectives</li> <li>To develop their critical thinking abilities and write creatively and critically</li> <li>To familiarize the students about cultural and economic developments in medieval India</li> </ul>
	ENG1B01 HIS2B02 ENG2B02 HIS3B04 ENG3B03 HIS4B06	INTRODUCING LITERATURE Trends in Indian Historiography APPRECIATING POETRY INDIAN HISTORY-1 APPRECIATING PROSE INDIAN HISTORY-2	CO2 CO3 CO4 CO1 CO2 CO3 CO1 CO2 CO3 CO1 CO2 CO3 CO1 CO2 CO3 CO1 CO2 CO3 CO1 CO2 CO3 CO1 CO2 CO3 CO1 CO2 CO3 CO1 CO2 CO3 CO1 CO2 CO3 CO1 CO2 CO3 CO3 CO1 CO2 CO3 CO1 CO2 CO3 CO3 CO1 CO2 CO3 CO3 CO1 CO2 CO3 CO3 CO1 CO2 CO3 CO3 CO1 CO2 CO3 CO3 CO1 CO2 CO3 CO3 CO3 CO1 CO2 CO3 CO3 CO3 CO3 CO3 CO3 CO3 CO3 CO3 CO3	<ul> <li>the literary text.</li> <li>To train the students to identify the linguistic structures of poetic texts: symbols, metaphors, and other tropes and equip them in poetic conventions</li> <li>To recognize diverse points of view within a single text and to understand the rationale of polyphony</li> <li>To prepare students in reading literary/cultural texts closely, beyond the literal</li> <li>To expose the evolution of History as a discipline in India</li> <li>To understand the paradigm shifts in the writing of History in India</li> <li>To familiarize the recent trends in the development of history writing</li> <li>To introduce the students to the basic elements of poetry, including the stylistic and rhetorical devices employed in poetry, and to various genres of poetry</li> <li>To facilitate students to attain various perspective in reading poetry like gender, race, caste, ethnicity, religion, region, environment and nation</li> <li>To familiarize the learners with different forms of poetry written in British and American literature</li> <li>To understand the evolution and development of early society in India</li> <li>To create awareness about the culture and civilizations of ancient India</li> <li>To assimilate the recent approaches and developments early History</li> <li>To familiarize the students with different types of prose writing</li> <li>To introduce to them the basic concepts of style and literary devices in prose</li> <li>To acquaint them with cultural diversity and divergence in perspectives</li> <li>To develop their critical thinking abilities and write creatively and critically</li> <li>To familiarize the students about cultural and economic developments in medieval India</li> <li>To explicate the nature and formation state society in medieval India</li> <li>To explicate the advent of religions and foreigners to India and their impact in the term.</li> </ul>
	ENG1B01 HIS2B02 ENG2B02 HIS3B04 ENG3B03 HIS4B06	INTRODUCING LITERATURE Trends in Indian Historiography APPRECIATING POETRY INDIAN HISTORY-1 APPRECIATING PROSE INDIAN HISTORY-2	CO2 CO3 CO4 CO1 CO2 CO3 CO1 CO2 CO3 CO1 CO2 CO3 CO1 CO2 CO3 CO1 CO2 CO3 CO1 CO2 CO3 CO1 CO2 CO3 CO1 CO2 CO3 CO1 CO2 CO3 CO1 CO2 CO3 CO1 CO2 CO3 CO3 CO1 CO2 CO3 CO1 CO2 CO3 CO3 CO1 CO2 CO3 CO3 CO1 CO2 CO3 CO3 CO3 CO3 CO3 CO3 CO3 CO3 CO3 CO3	<ul> <li>the literary text.</li> <li>To train the students to identify the linguistic structures of poetic texts: symbols, metaphors, and other tropes and equip them in poetic conventions</li> <li>To recognize diverse points of view within a single text and to understand the rationale of polyphony</li> <li>To prepare students in reading literary/cultural texts closely, beyond the literal</li> <li>To expose the evolution of History as a discipline in India</li> <li>To understand the paradigm shifts in the writing of History in India</li> <li>To familiarize the recent trends in the development of history writing</li> <li>To introduce the students to the basic elements of poetry, including the stylistic and rhetorical devices employed in poetry, and to various genres of poetry</li> <li>To facilitate students to attain various perspective in reading poetry like gender, race, caste, ethnicity, religion, region, environment and nation</li> <li>To familiarize the learners with different forms of poetry written in British and American literature</li> <li>To understand the evolution and development of early society in India</li> <li>To assimilate the recent approaches and developments early History</li> <li>To familiarize the students with different types of prose writing</li> <li>To introduce to them the basic concepts of style and literary devices in prose</li> <li>To acquaint them with cultural diversity and divergence in perspectives</li> <li>To develop their critical thinking abilities and write creatively and critically</li> <li>To familiarize the students about cultural and economic developments in medieval India</li> <li>To explicate the nature and formation state society in medieval India</li> <li>To explicate the nature and formation state society in medieval India</li> <li>To explicate the nature and formation state society in medieval India</li> <li>To explicate the nature and formation state society in medieval India</li> <li>To explicate the nature and formation state society in medieval India</li> <li>To</li></ul>
	ENG1B01 HIS2B02 ENG2B02 HIS3B04 ENG3B03 HIS4B06	INTRODUCING LITERATURE Trends in Indian Historiography APPRECIATING POETRY INDIAN HISTORY-1 APPRECIATING PROSE INDIAN HISTORY-2	CO2 CO3 CO4 CO1 CO2 CO3 CO1 CO2 CO3 CO1 CO2 CO3 CO1 CO2 CO3 CO1 CO2 CO3 CO1 CO2 CO3 CO1 CO2 CO3 CO1 CO2 CO3 CO4 CO1 CO2 CO3 CO4 CO1 CO2 CO3 CO3 CO4 CO1 CO2 CO3 CO3 CO1 CO2 CO3 CO3 CO3 CO3 CO1 CO2 CO3 CO3 CO3 CO3 CO3 CO3 CO3 CO3 CO3 CO3	<ul> <li>the literary text.</li> <li>To train the students to identify the linguistic structures of poetic texts: symbols, metaphors, and other tropes and equip them in poetic conventions</li> <li>To recognize diverse points of view within a single text and to understand the rationale of polyphony</li> <li>To prepare students in reading literary/cultural texts closely, beyond the literal</li> <li>To expose the evolution of History as a discipline in India</li> <li>To understand the paradigm shifts in the writing of History in India</li> <li>To familiarize the recent trends in the development of history writing</li> <li>To introduce the students to the basic elements of poetry, including the stylistic and rhetorical devices employed in poetry, and to various genres of poetry</li> <li>To facilitate students to attain various perspective in reading poetry like gender, race, caste, ethnicity, religion, region, environment and nation</li> <li>To familiarize the learners with different forms of poetry written in British and American literature</li> <li>To understand the evolution and development of early society in India</li> <li>To assimilate the recent approaches and developments early History</li> <li>To familiarize the students with different types of prose writing</li> <li>To introduce to them the basic concepts of style and literary devices in prose</li> <li>To acquaint them with cultural diversity and divergence in perspectives</li> <li>To develop their critical thinking abilities and write creatively and critically</li> <li>To familiarize the students about cultural and economic developments in medieval India</li> <li>To explicate the nature and formation state society in medieval India</li> <li>To explicate the ature and formation state society in medieval India</li> <li>To acquaint the with the key concepts of English grammar and to use them more sensitively in their day-to-day communication needs</li> </ul>
	ENG1B01 HIS2B02 ENG2B02 HIS3B04 ENG3B03 HIS4B06	INTRODUCING LITERATURE Trends in Indian Historiography APPRECIATING POETRY INDIAN HISTORY-1 APPRECIATING PROSE INDIAN HISTORY-2 ENGLISH GRAMMAR AND	CO2 CO3 CO4 CO1 CO2 CO3 CO1 CO2 CO3 CO1 CO2 CO3 CO1 CO2 CO3 CO1 CO2 CO3 CO1 CO2 CO3 CO1 CO2 CO3 CO1 CO2 CO3 CO1 CO2 CO3 CO1 CO2 CO3 CO1 CO2 CO3 CO3 CO1 CO2 CO3 CO1 CO2 CO3 CO3 CO1 CO2 CO3 CO3 CO1 CO2 CO3 CO3 CO1 CO2 CO3 CO3 CO1 CO2 CO3 CO3 CO3 CO3 CO1 CO2 CO3 CO3 CO3 CO3 CO3 CO3 CO3 CO3 CO3 CO3	<ul> <li>the literary text.</li> <li>To train the students to identify the linguistic structures of poetic texts: symbols, metaphors, and other tropes and equip them in poetic conventions</li> <li>To recognize diverse points of view within a single text and to understand the rationale of polyphony</li> <li>To prepare students in reading literary/cultural texts closely, beyond the literal</li> <li>To expose the evolution of History as a discipline in India</li> <li>To understand the paradigm shifts in the writing of History in India</li> <li>To familiarize the recent trends in the development of history writing</li> <li>To introduce the students to the basic elements of poetry, including the stylistic and rhetorical devices employed in poetry, and to various genres of poetry</li> <li>To facilitate students to attain various perspective in reading poetry like gender, race, caste, ethnicity, religion, region, environment and nation</li> <li>To anderstand the evolution and development of early society in India</li> <li>To assimilate the recent approaches and developments early History</li> <li>To familiarize the students with different types of prose writing</li> <li>To ancete awareness about the culture and civilizations of ancient India</li> <li>To assimilate the recent approaches and developments early History</li> <li>To familiarize the students with different types of prose writing</li> <li>To acquaint them with cultural diversity and divergence in perspectives</li> <li>To develop their critical thinking abilities and write creatively and critically</li> <li>To familiarize the students about cultural and economic developments in medieval India</li> <li>To explicate the nature and formation state society in medieval India</li> <li>To explicate the advent of religions and foreigners to India and their impact in the polity, society culture and fine arts</li> <li>To familiarize the students with the key concepts of English grammar and to use them more sensitively in their day-to-day communication needs</li> <li>To</li></ul>

			CO3	To help the students develop a sense of English grammar, idioms, syntax, semantics and their usage.
			C01	Explain conventional social norms about male-female dichotomy and can device policies and strategies to foster gender equality and gender justice
			CO2	
				Contribute to creative interventions that may result in a world with less inequality
	HIS4 B20	Gender Studies	CO3	critically interrogate and actively engage in social processes related to the construction of gender
			CO4	Analyse social and cultural phenomena through the lens of gender in a way that appreciates a range of disciplinary perspectives
			C01	To have an understanding of important texts and movements in the history of literary criticism
	ENG4B06	LITERARY CRITICISM	CO2	To examine how literary criticism shapes literature and culture across centuries.
			CO3	To relate critical perspectives to the history of eastern and western ideas.
			CO4	To recognize and critique the major arguments underlying critical writings
	ENGER22		C01	To introduce the students to the basic elements of drama, including the historical progress of drama in different continents
	ENGJEZS	AFFRECIATING DRAWA	CO2	To foster an ability in the students for appreciating drama as an art form
			CO3	To familiarize the students with the different genres and masters of drama
			C01	To lead to a greater understanding of the human mind, of human communicative action and relations through an objective study of language
	ENG5B09	LANGUAGE AND LINGUISTICS	CO2	To familiarize students with key concepts of Linguistics and develop awareness of latest trends in Language Study
			CO3	To help students towards a better pronunciation and to improve the general standard of pronunciation in every day conversation and in reading
			C01	To equip students to steer clear of misconceptions regarding women and to evolve a human perspective about them
	ENG6B11	VOICES OF WOMEN	CO2	To perceive gender as a social construct
			CO3	To arouse a keen interest in analysing critically the diversity of women's experiences across the world and to marvel at their creative skills
Name of th	e programn	ne		Bachelor of Arts, Functional English
Short Name of th	e Programme			B.A. Functional English
Code of the Prog	ramme			CCAFER
Semester	Course code	Course Title	CO No:	Course Outcomes
			CO1	To develop confidence to respond in English during situation where the use of English is imperative
			CO2	To develop fluency in actual conversation in the English language.
	FEN1B01	Communication Skills in English	CO3	To develop the speech skills necessary for confident and intelligent participation in group discussion and to make formal and extempore speeches in English.
1			CO4	To develop the skills related to teamwork and to take up team leader roles in society as well as in future workplace.
			C01	The course is designed to expose to the beginners of History a basic understanding regarding the evolution of History as a discipline.
	HIS1B01	Trends in Historiography	CO2	It will create awareness about the general development of History, History Writing and Thought around the world among the students.
			СОЗ	It will also focus the methodological and philosophical shifts that have contributed to the growth of History as a discipline.
			CO1	To enable the students to use English correctly and confidently in writing and speech.
	FEN2B02	Advanced English Grammar	CO2	To foster communicative competence by improving grammatical skills.
			CO3	To introduce learners to the advanced areas of English grammar and usage
2				
	HIS2B02	Indian Historiography	CO1	The primary objective of this course is to expose the basic understanding about the developments of Historical consciousness in India among the students.
			CO2	It also focuses to create awareness in the students about the major paradigm shifts in the Historical Writing and Thought in India.
			CO1	To help learners understand the impact of communication technology on English and its pedagogy.
	FEN3B03	Language and Technology	CO2	To expose them to the practical ways of using the internet for better acquisition of LSRW.
			СОЗ	To help learner integrate smartphones to English Language education effectively.
			CO4	To keep learners abreast of recent trends in instructional technology
			C01	To identify distinctive English sounds, its production and the varied phonetic symbols.

3	FEN3B04	Applied Phonetics	CO2	To provide learners listening and comprehension skills on internationally acceptable English.
			CO3	To make learners achieve a mastery over English pronunciation
			CO4	To give an understanding of phonetics.
			CO1	The course on State and Society in Early India aims to impart the evolution and development and formation of state and society in ancient India.
	HIS3B03	Indian History I: State and Society in Early India	CO2	This will provide a general awareness to the students about early history and culture of our society and debates about the developments take place in this period.
			СОЗ	It also enables the students to assimilate the latest research and studies going on in early history and culture of Indian society.
			CO1	To introduce the basic concepts of Linguistics and to familiarize the students with the fundamentals of modern linguistics
	FEN4B05	Fundamentals of	CO2	To familiarize the students with the origin and development of language with special reference to English
		Linguistics	CO3	To provide a brief historical survey of the development of Modern Linguistics
			CO4	To develop in them the ability to do intensive reading for identifying specific Information
1			CO1	To help students to learn the fundamentals of business correspondence.
4	FEN4B06	Business English	CO2	To get practical knowledge in business correspondence.
			CO3	To equip students with better employability skills.
			CO1	This course is to explicate the nature of state and society in Medieval India.
	HIS4B04	Indian History II: State and Society in Medieval India	CO2	It will help the students to understand the process of state formation, economic pattern and the social and cultural developments in the Medieval Indian society.
			СОЗ	It attempts to introduce the advent of a new religion, polity, economy and culture and its influences in the fine arts, culture and history of the nation.
		Translation Studies	CO1	To make students familiar with the basic theories of translation and to enable them to translate different types of texts from their mother tongue to English and vice versa.
	FEN5B07		CO2	To make the study of language inter-lingual by initiating the students to translate texts from regional languages into English and from English into regional languages.
			СОЗ	To equip the students for the profession of translator in diverse fields by imparting training in translation.
	FEN5B08		CO1	To create in the student an awareness of the basic theories and concepts related to communication and to give them basic training in writing for the newspaper.
		Print Media	CO2	To introduce mass media and their characteristics to students.
			CO3	To familiarize them with the history and fundamentals of print media
5			CO4	To familiarize them with the characteristics of print media content and be a stepping stone for the student to be a print media professional.
			CO1	To impart a general critical understanding of the history of theatre and
	FEN5B09	Theatre for Communication	CO2	To introduce the students to modern theatre practice with special focus on the
				proactive and interactive potential of drama and theatre.
			СОЗ	dramatic forms and theatre conventions
			CO1	To initiate students into 20th Century Literary Theories and Critical approaches
	FEN5B10	Contemporary Literary	CO2	To provide them exposure to diverse theoretical practices and its applications
		Theory	СОЗ	To make the students familiarize with contemporary theories and theoreticians
			CO4	To provide a larger framework of theory to enhance the taste of research
			CO1	The key aim of this course is to familiarise the graduate students about the area of Gender studies.
		Conder Studies	CO2	It attempts to explain the socio-historical construction of sexual differences in the Indian society in a plural background.
	1134003	Genuel Studies	СО3	The course visualises to understand the process of genderization takes place in the society and how it creates inequalities and how it becomes the basis of gender based violence in the society
			CO4	It enables the students to develop a better human relationship in the society.
_			CO1	The course on Modern Indian History is to inculcate among students about the development and growth of nationalism and national movement in the country.
5	HIS5B06	Indian History III: State and Society in Modern India	CO2	It will introduce the life and achievements of the men who fought for the nation and thereby it would be an inspiration for the youngsters to grow in patriotism and nationalism.
			СОЗ	It aims at framing the youth to be the future citizens of the nation and to participate them in the process of nation building.

	Kerala History I: State and	C01	The course on Early and Medieval Kerala history would inculcate and enable them to understand the formation of state and society in the pre modern period at the regional level.	
	HIS5B07 Society in Early and Medieval Kerala	CO2	It helps them to know more about their society and culture at the local level.	
			СОЗ	Understanding the local and regional culture, traditions, history and movements enable them to develop a broader vision about the world
			C01	To help learners understand the basic principles underlying the practice of teaching English as a second language.
	FEN6B11	English Language Teaching	CO2	To expose them to the practical ways of teaching English language using different methods.
			CO3	To help learner develop a taste for teaching English effectively.
			CO4	To develop in learners ability for critical reflections on their own and fellow-
				learners' method of teaching English.
6	FEN6B12	Electronic Media	CO1	and TV and the Internet.
U			CO2	To equip the learners with the practical skills needed to work in electronic media
			CO1	different genres of creative writing.
	FEN6B13	Creative Writing	CO2	To ignite their creative writing talents through controlled and free practice.
			СО3	To develop their critical and analytical skills in appreciating works written by
				peers. To introduce students to film studies as a dissipline and to develop in them
	FEN6B14	Film Studies	CO1	analytical and critical skills so that they can appreciate cinema as an independent art form.
		CO2	To prepare the students to find an entry point to the higher level of	
				understanding of contemporary film theories.
		Elective 1 – Language for	CO1	To gain an understanding of the role of advertising within the corporate world.
	FEN6B15	Advertising : Theory and	CO2	consumer behaviour.
		Practice	СОЗ	To develop knowledge of advertising strategy and planning.
			CO4	To examine the importance and use of creativity in advertising.
6	FEN6B16	Elective 2 – Women Studies	C01	To introduce students to experiences unique to women and to the fundamental precepts of the feminist movement
	FEN6B17	Project	CO2	To identify the polyphonic quality of women's voices.
			C01	The project is expected to be a specimen document that reflects the student's competence in and mastery of English, ingenuity and workmanship. It provides space to the student's expression of her/his talent, potential and skill in creating his own artifact/product based on the knowledge and art he had acquired through the three-year programme.
		J8 Indian History IV: Contemporary India	CO2	The course offers a wide range of topics related to diverse functions of English such as Translation, Media writing, advertisements, investigative journalism and the like.
			CO1	The course on Contemporary India is to understand the society where they live and enable them to live in a better manner.
	HIS6B08		CO2	It will enable them to understand the social, economic and political developments in the post independent India and thereby to mould their life accordingly.
			СОЗ	It visualises to introduce the students about our diplomacy and relationships with the international community.
6	HIS6B09	Kerala History II: State and Society in Modern Kerala	CO1	The course on Modern Kerala History intents to inculcate among the students the role and participation of their kith and kin in the nation building process at the regional level.
			CO2	It would enable them to understand values and ideas nourished and developed at the regional level and help them to imbibe it their life.
			CO1	The Dissertation aims to develop a spirit of research aptitude among the students.
	HIS6B010	Dissertation	CO2	It would improve their writing skill, critical thinking and the reasoning ability.
			05	It also aims to extend their academic knowledge to the society and find solutions
Name of th	e programa	10	CO4	to the problems in the society they live Bachelor of Science Computer Science
Code of the Prog	ramme			
Semester	Course code	Course Title	CO No:	Course Outcomes
			CO1	To equip the students with fundamentals of Computer
		Computer Funder unter	CO2	To learn the basics of Computer organization
1	BCS1B01	& HTMI		To equip the students to write algorithm and draw flow chart for solving simple
			CO3	problems
			CO4	To learn the basics of Internet and webpage design

	BCS2B02	Problem Solving Using C	CO1	To equip the students with fundamental principles of Problem Solving aspects.
			CO2	To learn the concept of programming
			CO3	To study C language
2			CO1	To make the students learn web designing
		Programming Laboratory I:	CO2	To make the students learn programming environments.
	BCS2B03	HTML and Programming in	CO3	To practice procedural programming concepts.
		Ľ	CO4	To make the students equipped to solve mathematical or scientific problems using C
			CO1	To introduce the concept of data structures
3	BCS3B04	Data Structures Using C	CO2	To make the students aware of various data structures
			CO3	To equip the students implement fundamental data structures
		Database Management	CO1	To learn the basic principles of database and database design
	BCS4B05	System and RDBMS	CO2	To learn the concents of database manipulation SOL
		System and Robins	CO4	To study PL/SOL language
4				To make the students equipped to solve mathematical or scientific problems
		Programming Laboratory	CO1	using C
	BCS4B06	II:Data Structures and	CO2	To learn how to implement various data structures.
		RDBMS	СОЗ	To provide opportunity to students to use data structures to solve real life problems
		Computer Organization	CO1	To learn logic gates, combinational circuits and sequential circuits
	BCS5B07	and Architecture	CO2	To learn basics of computer organization and architecture
			CO1	To review on concept of OOP.
	BCS5B08	lava Programming	CO2	To learn Java Programming Environments.
	2002200	sava r rog. anning	CO3	To practice programming in Java.
-			CO4	Knowledge in OOP & Programming
5			CO2	To review on concept of OOP.
	BCS5B09	PHP	CO3	To practice programming in Java
			CO4	To learn GUI Application development in JAVA
		Principles of Software Engineering	CO1	To learn engineering practices in Software development.
	BCS5B10		CO2	To learn various software development methodologies and practices.
			CO3	To learn and study various Evaluation methods in Software Development.
	BCS6B11	Android Programming	CO1	To have a review on concept of Android programming.
			CO2	To learn Android Programming Environments.
			CO4	To practice programming in Android.
			CO1	To learn objectives & functions of Operating Systems
	2000040		CO2	To understand processes and its life cycle.
	BCS6B12	Operating Systems	CO3	To learn and understand various Memory and Scheduling Algorithms.
			CO4	To have an overall idea about the latest developments in Operating Systems
	BCS6B13		CO1	To learn about transmissions in Computer Networks.
		Computer Networks	CO2	To learn various Protocols used in Communication.
			C01	To have a general idea on Network Administration.
6		Programming Laboratory	CO2	To practice client side and server side scripting.
	BCS6B14	III: Java and PHP	CO3	To practice PHP Programming.
		Programming	CO4	To practice developing dynamic websites.
			CO5	To practice how to interact with databases through PHP.
		Programming Laboratory	CO1	To practice Android programming.
	BCS6B15	IV: Lab Exam of Android	CO2	To practice user interface applications.
		Programming	CO4	To practice shell programming
		Industrial Visit and Project		
	BCS6B17	Work	CO1	To provide practical knowledge on software development process
			CO1	To build fundamental knowledge in system software.
	BCS6B16a	System Software	CO2	To learn functions of various system software.
Nowo of th			03	Bacholor of Business Administration
Name of th	e programn	lie		
Short Name of th	ramme			BRA
Semester	Course code	Course Title	CO No:	
Schlester	course coue	course ritte	CO1	Discuss different schools of management thought
				Understand apply the concepts of planning, organizing, staffing and
		Management Theory and	CO2	controlling for effective management
	BBAIRUI	Practices		Aware and apply the ethically and socially responsible behaviour in
			CO3	Management
			CO4	Aware and pursue the modern management practices in business

1				Acquire knowledge regarding relevant economic concepts applicable in
	BBA1C01 Managerial Economics C	Managerial Economics	CO1	managerial decisions
				and market environment according to the natures of products and the structures
			CO2	of the markets.
			Make ontimal husiness decisions by integrating the concents of economics	
			CO3	
			CO1	Discuss and apply fundamental accounting concepts, principles and
	0042002			Record basic accounting transactions and prepare annual financial statements for
	BBAZBUZ	Financial Accounting	CO2	a sole proprietorship business
2			603	Record accounting transactions in respect of hire purchase and instalment system and branches
			203	Understand and develop insights and knowledge base of various concepts
	BBV3BU3	Marketing Management	CO1	that driving marketing strategies.
	DDAJD0J	Marketing Management	co2	Develop skills in organizing for effective marketing and in implementing
			02	the market planning process
			CO1	income tax, borrowing cost and intangible assets
	BBA3B04	Corporate Accounting		Prepare annual financial statements for companies and compute
	DDAJD04		CO2	accounting ratos.
			CO3	Record accounting transactions in respect of redemption of preference
				Understand and develop insights and knowledge base of various concepts
3	BBA3B05	Financial Management	CO1	of finance
	DDAJD0J		CO2	Develop skills for effective Financial, Investment and Dividend decisions
			CO2	making
				Analyze legal issues arising in day-to-day business operations prevalent in
	BBA3C02	Business Regulations	CO2	India
				Discuss possible solutions to issues in organisations in the frame work of
			03	Understand cost and management accounting concepts and its application
	BBA4B06		CO1	for decision making.
		Cost & Management		Aware as tocost consciousness and the various methods and techniques of
		Accounting	CO2	costing
			CO3	for decision making.
			CO1	Understand the features and different types of companies
				Aware as to the formation of companies and also as to different documents of
4			CO2	companies Understand the share capital and other relevant provisions of the same
	BBA4C03	Corporate Regulations		Understand the management, corporate governance, corporate social
			CO4	responsibility and some basic aspects of SEBI
			CO5	Understand the provisions of conducting meetings and also the winding up procedure of companies
				Understand and develop insights and knowledge base of various concepts
	BBA4C04	Quantitative Techniques	CO1	of Quantitative Techniques
		for Business	CO2	Develop skills for effectively analyze and apply Quantitative Techniques in decision making
			02	Develop insights on various concepts and functions of Human Resource
	BBA5B07	Human Resources	CO1	Management
		wanagement	CO2	Learn the latest trends in Human Resource Management
	BBA5 POP	Business Research	CO1	Understand and develop insights and knowledge base of various concepts in Research
	DDAJ DOO	Methods	CO2	Develop skills for conducting business research
			CO1	Understand the different concepts of operation Management
5	BBA5 B09	Operations Management	con	Acquire the knowledge to make plans at the operational level of an
			C02	Industry
	BBA5 B10	Income Tax		Enable students to compute different heads of income as well as total
			CO2	income and tax liability
		Financial Markets and	CO1	To understand different aspects and components of financial Institutions
	BBA5 B11	Institutions	CO1	and mancial markets
			CO1	Understand the different concepts of Organisational Behaviour
	BBA5 B12	Organisational Rehaviour	CO2	Analyse individual and group behaviour
			con	Understand and deal with organisational change, development and stress
			03	

	BBA5B13	Management Science	CO1	To learn different OR techniques useful in managerial decisions
		Droject Management	CO1	Understand the different concepts of managing a project
	BBASB14	Project Management	CO2	Analyse the viability of a project
6	BBA5B15	Financial Services	CO1	To aware of various financial services available in Indian financial system
			CO2	To provide an understanding of the various financial services and investment opportunities available in the country
				To become aware of various investment opportunities from an investor's
	BBA5B16	Investment Management	CO1	perspective of maximizing return on investment
	20/10210			To provide a theoretical framework for the analysis and valuation of
			CO2	investments
Name of th	e programn	าย		Bachelor of Commerce, Professional
Short Name of th	e Programme			B.Com. Pro
Code of the Prog	ramme	0	CO No.	CCABCP
Semester		Course little	CO NO:	
	1.1 BCP	Second Language		
	1.2 001			To enable the students to acquire conceptual knowledge of the financial
	1 2 0 0 0	Principles And Practice Of	CO1	accounting principles and practices
	1.3 BCP	Accounting		To equip the students with the skill of preparing accounts for various type of
			CO2	organisations
1			601	To enable the students to understand micro and macro economic concepts
1	1.4 BCP	Managerial Economics	01	To help the students to understand the Application of economic principles in
			CO2	business management
			CO1	To enable the students to acquire knowledge of mathematics and statistics.
	1.5 BCP	Numerical Skills		At the end of this course, the students should have understood set operations,
			co2	matrix and mathematics of finance, descriptive statistical tools and their
			C02	applications.
		Financial Accounting	CO1	types of organisations
	2.1 BCP			To enable the students to acquire knowledge about financial reporting standards
			CO2	and to understand corporate accounting methods
				To enable the students to understand the process of business management, its
	2.2 BCP	Business Management and	CO1	functions and familiarize with current management practices
2		Entreprenuership	<b>CO</b> 2	To familiarise the students with the concept of entrepreneurship and to identify and develop entrepreneurial skills
2			02	To familiarise the students with certain statutes concerning and affecting
	2.3 BCP	BUSINESS REGULATIONS	CO1	business organisations in their operations
	2.4 BCP	COMMUNICATION		To equip the students effectively to acquire required skills to manage business
			C01	communication as also to use electronic media for business communication
	2.5 BCP	Quantitative Techniques	CO1	decision making
	3.1 BCP	Corporate Accounting		To help the students to acquire conceptual knowledge of the fundamentals of the
			CO1	corporate accounting and the techniques of preparing the financial statements
	3.2 BCP	Income Tax Law And	CO1	To provide basic knowledge and equip them with application of principles and provisions of Income Tax Act 1951
		Practice	C01	To familiarize students with the various concents and elements of cost
	3.3 BCP	Cost Accounting	CO2	To create cost consciousness among the students
2				
3				To provide the students basic knowledge about the concepts, principles, tools and
	3.4 BCP	Marketing Management	CO1	techniques of marketing and also modern methods and techniques of marketing
			co2	To impart necessary knowledge which help the student to choose a career in the field of marketing
			02	To familiarize the students with cornorate law and to make them aware of the
			CO1	importance of corporate governance in the management of organisations
	3.5 BCP	Corporate Regulations		To familiarize the students with the Companies Act 2013 and its important
			CO2	provisions as amended up to date
	4.1 BCP	Applied Cost Accounting	CO1	To acquaint the students with different methods and techniques of costing
	4.3.000	Business And Corporate		To acquaint the students with the theoretical and practical aspects of assessing husiness and corporate entities and familiarize with the procedure for filing of
	4.2 BCP	Taxation	CO1	Income Tax returns
		Industrial and Labour		To enable the students to acquire knowledge about prominent industrial and
	4.3 BCP	Regulations	CO1	labour laws
4				To acquaint the students with the techniques and principles to manage human
	4.4 BCP	Human Resource	CO1	resources in an organisation
		Management	<b>CO3</b>	To equip the students with basic knowledge and skills required for the
			202	and a second of the second of

				To enable the students to understand basics of E-Commerce and gain a practical
	4.5 BCP	E - Commerce	C01	orientation to E-commerce and E-Business management
		Management		To understand the mechanism for excelling in E-commerce based employment
			CO2	opportunities
	5.1 BCP			To enable the students to undestand the concept and relevance of Management
		Accounting For Managerial	C01	Accounting
		Decisions		To provide the students an understanding about the use of accounting and
			CO2	costing data for planning ,control and decision making
				To familiarize the students with the concepts, tools and practices of financial
	5.2 BCP	Financial Management		management and help them to gain knowledge of management and financing of
			C01	
			CO2	To impart knowledge about financing and investment decisions
-	5.3 BCP	Auditing And Assurance		To impart knowledge about auditing principles, procedures and techniques in
5			C01	accordance with current legal requirements and professional standards
	5.4 BCP	Financial Markets and	CO1	To provide the students a basic knowledge of financial markets and services
		Services	01	
	5 5 BCD	Business Research		To enable students for acquiring basic knowledge in business research methods
	5.5 BCF	Methods	CO1	and to develop basic skills in them to conduct survey researches and case studies
				To make the students aware about office automation information system and
		Information Technology	CO1	communication technologies used in business
	5.6 BCP	For Business		To enable the students to have thorough knowledge about database
			CO2	management systems and its relevance in various business enterprises
			002	To develop an understanding of the general and competitive business
	6.1 BCP	Strategic Management	CO1	environment
	0.12 0.0.	Strategie Management	CO2	To develop understanding of strategic management concepts and techniques
			002	To enable the students to acquire basic knowledge in the computerised
			CO1	accounting systems and its applications in the area of business
	6.2 BCP	Computerised Accounting		To equip the students to meet te demands of the industry by developing practical
			CO2	skills in the application of Tally package
				To enable the students to understand the importance of Indirect Taxes in the
		Indirect Taxes Law And Practice	CO1	Indian economy
6	6.3 BCP			To impart basic knowledge about Excise Duty, Customs Duty, CST, VAT and Service
			CO2	Tax and the practical assessment of tax burden
	6.4 BCP	Banking And Insurance Management Corporate Governance		To enable the students to acquire knowledge about basics of Banking and
			C01	Insurance
			CO2	To familiarize the students with the modern trends in banking
				To enable the students to understand the importance of corporate governance
			CO1	and ethics in business
	6.5 BCP	And Business Ethics		
	6.5 BCP	And Business Ethics		To have an understanding of ethical issues in business and to acquire knowledge
	6.5 BCP	Corporate Governance And Business Ethics	CO2	To have an understanding of ethical issues in business and to acquire knowledge and capability to develop ethical practices for effective management
Name of th	6.5 BCP	And Business Ethics	CO2	To have an understanding of ethical issues in business and to acquire knowledge and capability to develop ethical practices for effective management Bachelor of Commerce, Finance
Name of th Short Name of th	6.5 BCP e programme programme	And Business Ethics	CO2	To have an understanding of ethical issues in business and to acquire knowledge and capability to develop ethical practices for effective management Bachelor of Commerce, Finance B.Com Finance
Name of th Short Name of th Code of the Prog	6.5 BCP e programme programme gramme	And Business Ethics	CO2	To have an understanding of ethical issues in business and to acquire knowledge and capability to develop ethical practices for effective management Bachelor of Commerce, Finance B.Com Finance CCABCM
Name of th Short Name of th Code of the Prog Semester	6.5 BCP e programme gramme Course code	Corporate Governance And Business Ethics ne Course Title	CO2	To have an understanding of ethical issues in business and to acquire knowledge and capability to develop ethical practices for effective management Bachelor of Commerce, Finance B.Com Finance CCABCM Course Outcomes
Name of th Short Name of th Code of the Prog Semester	6.5 BCP e programme programme gramme Course code	Corporate Governance And Business Ethics	CO2 CO No: CO1	To have an understanding of ethical issues in business and to acquire knowledge and capability to develop ethical practices for effective management         Bachelor of Commerce, Finance         B.Com Finance         CCABCM         Course Outcomes         To understand the process of business management and its functions
Name of th Short Name of th Code of the Prog Semester	6.5 BCP e programme gramme Course code BCM1B01	Corporate Governance And Business Ethics Course Title Business Management	CO2 CO No: CO1 CO2	To have an understanding of ethical issues in business and to acquire knowledge and capability to develop ethical practices for effective management         Bachelor of Commerce, Finance         B.Com Finance         CCABCM         To understand the process of business management and its functions         To familiarize the students with current management practices
Name of th Short Name of th Code of the Prog Semester	6.5 BCP e programme gramme Course code BCM1B01	Corporate Governance And Business Ethics Course Title Business Management	CO2 CO No: CO1 CO2 CO3	To have an understanding of ethical issues in business and to acquire knowledge and capability to develop ethical practices for effective management         Bachelor of Commerce, Finance         B.Com Finance         CCABCM         To understand the process of business management and its functions         To familiarize the students with current management practices         To understand the importance of ethics in business
Name of th Short Name of th Code of the Prog Semester	6.5 BCP e programme ramme Course code BCM1B01 BCM1A01	Corporate Governance And Business Ethics ne Course Title Business Management English	CO2 CO No: CO1 CO2 CO3	To have an understanding of ethical issues in business and to acquire knowledge and capability to develop ethical practices for effective management         Bachelor of Commerce, Finance         B.Com Finance         CCABCM         To understand the process of business management and its functions         To familiarize the students with current management practices         To understand the importance of ethics in business
Name of th Short Name of th Code of the Prog Semester	6.5 BCP e programme ramme Course code BCM1B01 BCM1A01 BCM1A02	Corporate Governance And Business Ethics ne Course Title Business Management English English	CO2 CO No: CO1 CO2 CO3	To have an understanding of ethical issues in business and to acquire knowledge and capability to develop ethical practices for effective management         Bachelor of Commerce, Finance         B.Com Finance         CCABCM         To understand the process of business management and its functions         To familiarize the students with current management practices         To understand the importance of ethics in business
Name of th Short Name of th Code of the Prog Semester	6.5 BCP e programme ramme Course code BCM1B01 BCM1A01 BCM1A02 BCM1A07	Corporate Governance And Business Ethics ne Course Title Business Management English English Language	CO2 CO No: CO1 CO2 CO3	To have an understanding of ethical issues in business and to acquire knowledge and capability to develop ethical practices for effective management         Bachelor of Commerce, Finance         B.Com Finance         CCABCM         To understand the process of business management and its functions         To familiarize the students with current management practices         To understand the importance of ethics in business
Name of th Short Name of th Code of the Prog Semester	6.5 BCP e programme ramme Course code BCM1B01 BCM1A01 BCM1A02 BCM1A07	Corporate Governance And Business Ethics ne Course Title Business Management English English Language	CO2 CO No: CO1 CO2 CO3	To have an understanding of ethical issues in business and to acquire knowledge and capability to develop ethical practices for effective management         Bachelor of Commerce, Finance         B.Com Finance         CCABCM         To understand the process of business management and its functions         To familiarize the students with current management practices         To understand the importance of ethics in business
Name of th Short Name of th Code of the Prog Semester	6.5 BCP e programme ramme Course code BCM1B01 BCM1A01 BCM1A02 BCM1A07	Corporate Governance And Business Ethics ne Course Title Business Management English English Language	CO2 CO No: CO1 CO2 CO3	To have an understanding of ethical issues in business and to acquire knowledge and capability to develop ethical practices for effective management         Bachelor of Commerce, Finance         B.Com Finance         CCABCM         To understand the process of business management and its functions         To familiarize the students with current management practices         To understand the importance of ethics in business         To understand the importance of ethics of micro and macro economics for
Name of th Short Name of th Code of the Prog Semester	6.5 BCP e programme ramme Course code BCM1B01 BCM1A01 BCM1A02 BCM1A07 BCM1C01	Corporate Governance And Business Ethics Course Title Business Management English English Language Managerial Economics	CO2 CO No: CO1 CO2 CO3	To have an understanding of ethical issues in business and to acquire knowledge and capability to develop ethical practices for effective management         Bachelor of Commerce, Finance         B.Com Finance         CCABCM         To understand the process of business management and its functions         To familiarize the students with current management practices         To understand the importance of ethics in business         To acquaint students with the basic principles of micro and macro economics for developing the understanding of theory of the firm,markets and the macro
Name of th Short Name of th Code of the Prog Semester	6.5 BCP e programme ramme Course code BCM1B01 BCM1A01 BCM1A02 BCM1A07 BCM1C01	Corporate Governance And Business Ethics Course Title Business Management English English Language Managerial Economics	CO2 CO No: CO1 CO2 CO3 CO3	To have an understanding of ethical issues in business and to acquire knowledge and capability to develop ethical practices for effective management         Bachelor of Commerce, Finance         B.Com Finance         CCABCM         To understand the process of business management and its functions         To familiarize the students with current management practices         To understand the importance of ethics in business         To acquaint students with the basic principles of micro and macro economics for developing the understanding of theory of the firm,markets and the macro environment which would help them in managerial decision making processes
Name of th Short Name of th Code of the Prog Semester	6.5 BCP e programme ramme Course code BCM1B01 BCM1A01 BCM1A02 BCM1A07 BCM1C01	Corporate Governance And Business Ethics Course Title Business Management English English Language Managerial Economics	CO2 CO1 CO2 CO3 CO1	To have an understanding of ethical issues in business and to acquire knowledge and capability to develop ethical practices for effective management         Bachelor of Commerce, Finance         B.Com Finance         CCABCM         To understand the process of business management and its functions         To familiarize the students with current management practices         To understand the importance of ethics in business         To acquaint students with the basic principles of micro and macro economics for developing the understanding of theory of the firm,markets and the macro environment which would help them in managerial decision making processes         To equip the students with the skill of preparing financial statements for various
Name of th Short Name of th Code of the Prog Semester	6.5 BCP e programme ramme Course code BCM1B01 BCM1A01 BCM1A02 BCM1A07 BCM1C01 BCM2B02	Corporate Governance And Business Ethics ne Course Title Business Management English English Language Managerial Economics Financial Accounting	CO2 CO1 CO2 CO3 CO1 CO1 CO1	To have an understanding of ethical issues in business and to acquire knowledge and capability to develop ethical practices for effective management         Bachelor of Commerce, Finance         B.Com Finance         CCABCM         To understand the process of business management and its functions         To familiarize the students with current management practices         To understand the importance of ethics in business         To acquaint students with the basic principles of micro and macro economics for developing the understanding of theory of the firm,markets and the macro environment which would help them in managerial decision making processes         To equip the students with the skill of preparing financial statements for various types of organizations
Name of th Short Name of th Code of the Prog Semester	6.5 BCP e programme ramme Course code BCM1B01 BCM1A01 BCM1A02 BCM1A07 BCM1C01 BCM2B02	Corporate Governance And Business Ethics Course Title Business Management English English Language Managerial Economics Financial Accounting	CO2 CO1 CO2 CO3 CO1 CO1 CO1	To have an understanding of ethical issues in business and to acquire knowledge and capability to develop ethical practices for effective management         Bachelor of Commerce, Finance         B.Com Finance         CCABCM         To understand the process of business management and its functions         To familiarize the students with current management practices         To understand the importance of ethics in business         To acquaint students with the basic principles of micro and macro economics for developing the understanding of theory of the firm,markets and the macro environment which would help them in managerial decision making processes         To equip the students with the skill of preparing financial statements for various types of organizations         To enable the students to acquire knowlwdge about financial reporting standards
Name of th Short Name of th Code of the Prog Semester	6.5 BCP e programme ramme Course code BCM1B01 BCM1A01 BCM1A02 BCM1A07 BCM1C01 BCM2B02	Corporate Governance And Business Ethics ne Course Title Business Management English English Language Managerial Economics Financial Accounting	CO2 CO1 CO2 CO3 CO1 CO1 CO1 CO1 CO1 CO2	To have an understanding of ethical issues in business and to acquire knowledge and capability to develop ethical practices for effective management         Bachelor of Commerce, Finance         B.Com Finance         CCABCM         To understand the process of business management and its functions         To familiarize the students with current management practices         To understand the importance of ethics in business         To acquaint students with the basic principles of micro and macro economics for developing the understanding of theory of the firm,markets and the macro environment which would help them in managerial decision making processes         To equip the students with the skill of preparing financial statements for various types of organizations         To enable the students to acquire knowlwdge about financial reporting standards and to understand corporate accounting methods
Name of th Short Name of th Code of the Prog Semester	6.5 BCP e programme ramme Course code BCM1B01 BCM1A01 BCM1A02 BCM1A07 BCM1C01 BCM2B02 BCM2A03	Corporate Governance And Business Ethics ne Course Title Business Management English English Language Managerial Economics Financial Accounting English	CO2 CO1 CO2 CO3 CO1 CO1 CO1 CO1 CO1 CO2	To have an understanding of ethical issues in business and to acquire knowledge and capability to develop ethical practices for effective management         Bachelor of Commerce, Finance         B.Com Finance         CCABCM         To understand the process of business management and its functions         To familiarize the students with current management practices         To understand the importance of ethics in business         To acquaint students with the basic principles of micro and macro economics for developing the understanding of theory of the firm,markets and the macro environment which would help them in managerial decision making processes         To equip the students with the skill of preparing financial statements for various types of organizations         To enable the students to acquire knowlwdge about financial reporting standards and to understand corporate accounting methods
Name of th Short Name of th Code of the Prog Semester	6.5 BCP e programme ramme Course code BCM1B01 BCM1A01 BCM1A02 BCM1A07 BCM1C01 BCM2B02 BCM2B02 BCM2A03 BCM2A04	Corporate Governance And Business Ethics ne Course Title Business Management English English Language Managerial Economics Financial Accounting English English English	CO2 CO1 CO2 CO3 CO1 CO1 CO1 CO1 CO1 CO2	To have an understanding of ethical issues in business and to acquire knowledge and capability to develop ethical practices for effective management         Bachelor of Commerce, Finance         B.Com Finance         CCABCM         To understand the process of business management and its functions         To familiarize the students with current management practices         To understand the importance of ethics in business         To acquaint students with the basic principles of micro and macro economics for developing the understanding of theory of the firm,markets and the macro environment which would help them in managerial decision making processes         To equip the students to acquire knowlwdge about financial reporting standards and to understand corporate accounting methods
Name of th Short Name of th Code of the Prog Semester	6.5 BCP e programme ramme Course code BCM1B01 BCM1A01 BCM1A02 BCM1A07 BCM1C01 BCM1C01 BCM2B02 BCM2A03 BCM2A04 BCM2A08	Corporate Governance And Business Ethics ne Course Title Business Management English English Language Managerial Economics Financial Accounting English English English English English English	CO2 CO1 CO2 CO3 CO1 CO1 CO1 CO1 CO1 CO2	To have an understanding of ethical issues in business and to acquire knowledge and capability to develop ethical practices for effective management         Bachelor of Commerce, Finance         B.Com Finance         CCABCM         To understand the process of business management and its functions         To familiarize the students with current management practices         To understand the importance of ethics in business         To acquaint students with the basic principles of micro and macro economics for developing the understanding of theory of the firm,markets and the macro environment which would help them in managerial decision making processes         To equip the students to acquire knowlwdge about financial reporting standards and to understand corporate accounting methods
Name of th Short Name of th Code of the Prog Semester	6.5 BCP e programme ramme Course code BCM1B01 BCM1A01 BCM1A02 BCM1A07 BCM1C01 BCM2B02 BCM2B02 BCM2A03 BCM2A03 BCM2A04 BCM2A08	Corporate Governance And Business Ethics ne Course Title Business Management English English Language Managerial Economics Financial Accounting English English English English	CO2 CO1 CO2 CO3 CO1 CO1 CO1 CO1 CO2 CO1 CO2	To have an understanding of ethical issues in business and to acquire knowledge and capability to develop ethical practices for effective management         Bachelor of Commerce, Finance         B.Com Finance         CCABCM         To understand the process of business management and its functions         To familiarize the students with current management practices         To understand the importance of ethics in business         To acquaint students with the basic principles of micro and macro economics for developing the understanding of theory of the firm,markets and the macro environment which would help them in managerial decision making processes         To equip the students to acquire knowlwdge about financial reporting standards and to understand corporate accounting methods
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Name of th Short Name of th Code of the Prog Semester	6.5 BCP e programme ramme Course code BCM1B01 BCM1A01 BCM1A02 BCM1A07 BCM1A07 BCM1C01 BCM2B02 BCM2A03 BCM2A04 BCM2A08 BCM2A08	Corporate Governance And Business Ethics Course Title Business Management English English Language Managerial Economics Financial Accounting English English English Language Managerial Economics	CO2  CO1 CO1 CO1 CO1 CO1 CO1 CO1 CO1 CO1 CO	To have an understanding of ethical issues in business and to acquire knowledge and capability to develop ethical practices for effective management         Bachelor of Commerce, Finance         B.Com Finance         CCABCM         Course Outcomes         To understand the process of business management and its functions         To familiarize the students with current management practices         To understand the importance of ethics in business         Image: To acquaint students with the basic principles of micro and macro economics for developing the understanding of theory of the firm,markets and the macro environment which would help them in managerial decision making processes         To equip the students to acquire knowlwdge about financial reporting standards and to understand corporate accounting methods         To acquaint students with the basic principles of micro and macro economics for developing the understanding of theory of the firm,markets and the macro environment which would help them in managerial decision making processes         To acquaint students to acquire knowlwdge about financial reporting standards and to understand corporate accounting methods         To acquaint students with the basic principles of micro and macro economics for developing the understanding of theory of the firm,markets and the macro environment which would help them in managerial decision making processes
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	BCM3B04	Corporate Accounting	CO1	To help the students to acquire conceptual knowledge of the fundamentals of the corporate accounting and the technoques of preparing the financial statements
3	DCM2444		CO1	To acquire knowledge of numerical equations,matrices progressions,financial mathematics and descriptive statistics
	BCM3A11	Basic Numerical Methods	CO2	To understand numerical equations,matrix,progression,financial mathematics,descriptive statistics and their applications
			CO1	To update and expand basic informatics skills of the students
	BCM3A12	Professional Business Skills	CO2	To equip the students to effectively utilize the digital knowledge resources for their study
				To familiarize the students with the different aspects of managing human
	BCM3C03	Human Resources Management	CO1	To equip the students with basic knowledge and skills required for the
			CO2	requisition, development and retention of human resources
	BCM4B05	Cost Accounting	CO1 CO2	To familiarize the students with the various concepts and elements of cost To create cost conciousness among the students
	BCM4B06	Corporate Regulations	CO1	To familiarize the students with corporate law and to make them aware of the importance of corporate governance in the management of the organizations
			CO1	To familiarize the students with the concept of entrepreurship
4	BCM4A13	Entrepreneurship	CO2	To identify and develop the entrepreneurial talents of the students
		Development	CO3	To generate innovative business ideas in the emerging industrial scenario
	BCM4A14	Banking and Insurance	CO1	insurance
			CO2	To familiarize the students with the modern trends in banking
	BCM4C04	Quantitative Techniques for Business	CO1	To familiarize students with the use of quantitative techniques in managerial decision making
	BCM5B07	Accounting for Management	CO1	To enable the students to understand the concept and relevance of management accounting
	BCM5B08	Business Research Methods	CO1	To enable students for acquiring basic knowledge in business research methods and to develop basic skills in them to conduct survey researches and case studies
	BCM5B09	Income Tax Law and	CO1	To impart basic knowledge and equip students with application of principles and provisions income- Tax Act 1961 amended up to date
	BCM5B10	Financial Markets and		
	(Elective -	Services	601	To provide basic knowledge about the structure, organization and working of financial system in India
	Finance)		01	To familiarize the students with the concepts,tools and practices of financial
5	BCM5B11 (Elective -	Financial Management	CO1	management
	Finance)	-	CO2	To learn about the decisions and processes of financial management in a business firm
	BCM5B10	M5B10 ective - Principles of taxation kation)	CO1	To provide knowledge on basic principles of taxation
	(Elective - Taxation)		CO2	constitutional provisions pertaining to taxes
	BCM5B11			To enable the students to understand the importance of Indirect taxes in the
	(Elective -	Indirect Taxes Law and	CO1	Indian economy
	Taxation)	Practice	CO2	tax burden
	BCM5D01	Basic Accounting	CO1	To enable the students to acquire knowledge of Accounting Principles and Practice
	BCM6B12	Income Tax and GST	c01	To impart basic knowledge and equip students with application of principles and provisions became Tax Act 1961 and GST Act 2016
				To provide knowledge of auditing principles and techniques and to familiarize the
	BCM6B13	Auditing and Corporate Governance	601	students with the understanding of issues and practices of corporate governance
	BCM6B14		01	
	(Elective-	Fundamentals of Investments		
	Finance)		CO1	To acquire knowledge about financial derivatives and their features
6	(Elective-	Financial Derivatives	CO2	To know about various risks associated with derivatives
	BCM5B14			To provide practical skills on the computation of taxable income and tax liability
	(Elective -	Income Tax Assessment	CO1	of various assessees
	Taxation)		02	To formularise the students with the procedure for hilling of income tax returns
	BCM5B15 (Elective -	Corporate Taxation and Tax Planning	CO1	To familiarise the students with the latest provisions of the Indian Corporate Tax Laws and to learn about the computation of taxable income of companies
	Taxation)	. a.c. anning	(02	To acquaint with the concept of Tax Planning and Tax Management under Income Tax Law
Name of th	e programn	ne		Bachelor of Science, Zoology
Short Name of th	e Programme			B.Sc. Zoology
Code of the Prog	ramme			CCASZL

Semester	Course code	Course Title	CO No:	Course Outcomes
			CO1	Describe the principles of classification and nomenclature
			CO2	Explain the five kingdom classification of living organisms
			CO3	Understand the concepts of classification of animals
				Explain the classification with examples and characteristic features of
			co.	kingdom Protista and describe the morphology and structural organization
			C04	of Paramecium
			05	Explain the classification of phylum Porifera and elucidate the salient
		Animal Diversity:Non-	CO6	features of each class
1	ZOL1B01T	Chordata Part -I		Describe the characteristic features of phylum Cnidaria and Ctenophora,
				illustrate the classification of phylum Cnidaria down to classes and explain
			CO7	the structural organization of Obelia
				Explain the salient features of phylum Platyhelminthes and illustrate its
			CO8	classification down to classes
			C00	Explain the characteristic features and classification of super-phylum
				Flucidate the characters of Pseudocoelomate minor phyla Rotifera and
			CO10	Gastrotricha
				Explain the classification with examples and characteristic features of
				phylum Annelida and describe the morphology and structural organization
			CO1	of Neanthes
			co2	Describe the distribution, peculiarities and affinities of phylum
			C02	Onychophora
				features of each class and describe the morphology and structural
		Animal Diversity:Non-	СОЗ	organization of Penaeus
2	ZOL2B02T	, Chordata Part -II		Describe the characteristic features of phylum Mollusca, illustrate its
				classification down to classes and explain the structural organization of
			CO4	Pila globosa
			CO5	Explain the salient features of phylum Echinodermata and illustrate its
			CO6	Lidestand the salient features and affinities of nhylum Hemichordata
				Elucidate the characters of coelomate minor phyla Phoronida, Ectoprocta
			CO7	and Echiura
				Explain the characteristics of chordates and outline classification of the
			CO1	phylum Chordata
				Describe the salient features and affinities of subphylum Urochordata and
			CO2	organization of Ascidia
				Explain the salient features and affinities of subphylum Cephalochordata
			CO3	with reference to Branchiostoma
				Describe the salient features of subphylum Vertebrata, illustrate its
-	70100007	Animal Diversity :Chordata	co.	classification down to classes and elucidate the characteristics of division
3	ZOL3B031	Pat I	CO4	Agnatha (3 hrs)
				classification down to orders and the morphology and structural
			CO5	organization of <i>Mugil cephalus</i>
				Describe the salient features and affinities of class Amphibia and its
				classification up to orders; explain the morphology and organ systems of
			CO6	Hoplobatrachus tigerinus
				Elucidate the characteristic features of the class Reptilla and its
			C07	of Calotes versicolor
				Describe the classification of class Aves down to orders, salient features of
			CO1	each order with suitable examples
				Describe the external characters and functional systems of Columba livia
	70140047	Animal Diversity	02	
	20148041	:Chordata Pat II	CO3	Enumerate the salient features and classification of class Mammalia down
				Elucidate the external characters and functional systems of Oryctologue
			CO4	cuniculus
			CO5	Compare the circulatory, excretory and nervous systems of vertebrates
				Identify and describe specified protists and acoelomate &
4				pseudocoelomate non- chordates and perform the culture of selected
			CO1	protists; understand the histological features of coelenterate,
			201	platyneiminth and nematode.

	ZOL4B05P	Practical I : Animal Diversity	CO2	Identify and describe specified coelomate non-chordates and the transverse sections of annelids; Perform mounting of the specified organs of selected non-chordates.
		,	СОЗ	Identify and describe specified chordates and specified bones of chordates; Prepare key for identification of venomous snakes; Perform mounting and dissection of specified organ systems of chordates.
			CO4	Identify and describe selected vertebrates and specified bones of vertebrates.
			C01	Understand the principles and applications of various types of light microscopes, electron, Scanning-tunnelling and Atomic force microscope and illustrate the histological and histochemical processing of tissues.
			CO2	Explain the basic structure of a eukaryotic cell and the structure and functions of plasma membrane, mitochondria, lysosome, cytoskeletal elements and interphase nucleus
			СО3	Illustrate the nucleosome organization of chromatin and higher order structures; structure of chromosomes and giant chromosomes.
			CO4	Enumerate eukaryotic cell cycle and cell division by amitosis, mitosis and meiosis.
			CO5	Explain the causes of transformation, characteristics of transformed cells and the role of protooncogenes and tumor suppressor genes in malignant transformation; mechanism and significance of apoptosis.
5	ZOL5B06T	Cell Biology and Genetics	CO6	Enumerate allelic and non-allelic gene interactions; supplementary, complementary, polymeric, duplicate and modifying genes and polygenic inheritance.
			C07	Illustrate multiple allelism and solve problems related to blood group inheritance.
			CO8	Explain characteristics of linkage groups and linkage map; crossing over and calculation of recombination frequency; sex-linked, sex-influenced and sex-limited characters; sex differentiation and disorders of sexual development.
			CO9	Describe the mechanisms of sex determination including chromosomal, genic, haploid-diploid mechanisms; the hormonal and environmental influence on sex determination and gynandromorphism.
			CO10	Explain mutagenesis, mutagens and chromosomal and gene mutations.
			CO11	Enumerate the classification and grouping of human chromosomes; numerical and mutational human autosomal and sex chromosomal appendix: polycopic human traits and gonotic courseling
			CO1	Illustrate the steps in genetic engineering and animal cell culture
			<u> </u>	Explain transfection methods, transgenic animals and ethical issues of
			CO2	transgenic animals.
			03	Enumerate the applications of biotechnology.
			CO4	techniques for bandling microbes in the laboratory
		Biotechnology Microbiolog	C05	Enumerate the basic structure and life cycle of bacteria and virus
5	ZOL5B07T	y and Immunology	CO6	Understand the industrial and medical importance of microorganisms.
			со7	Describe different types of immunity and the cells and organs of the immune system
			CO8	Explain antigen, antibody, immunity and major histocompatibility complex.
			coo	Enumerate autoimmune and immunodeficiency diseases and immunology
			09	of tumor and organ transplantation.
			CO1	interactions that stabilize biomolecules .
			CO2	Describe the classification, types, structure, reactions and biological roles of carbohydrates, and diabetes Type I and II.
			(0)	Enumerate the properties and classification of amino acids and their standard abbreviations; hierarchial levels of protein structure,
			03	classification, separation, purification and sequencing of proteins . Explain the classification and functions of lipids and fatty acids: chemistry
			CO4	and structure of nucleic acids and sequencing of DNA.
				Understand the classification, nomenclature and properties of enzymes; enzyme action, co-enzymes, cofactors, isozymes, ribozymes and allosteric
			CO5	enzymes.
5		Biochemistry and Molecular Biology	<b>COG</b>	Explain glycolysis, Kreb's cycle, glycogenesis, glycogenolysis, gluconeogenesis, HMP pathway; amino acid and fatty acid oxidation and
		0,	C08	oxidative phosphorylation .
			207	Describe the mechanism of DNA duplication and the role of enzymes .

			CO8	Understand the concept of gene and gene expression; genetic code and
				Explain the mechanism of transcription and post-transcriptional
			СО9	modification of hnRNA.
				Enumerate the processes of translation and post-translational
			CO10	modification and targeting of peptides .
				Describe the regulation of <i>trp</i> operon, C-value, repetitive DNA, satellite
			CO11	DNA, selfish DNA, overlapping genes, pseudogenes, cryptic genes,
			011	transposons and retrotransposons .
	ZOL5B08T		CO12	transfer mechanisms in bacteria
				Explain science, its importance, disciplines and the major steps in
				formulating a hypothesis, various hypothesis models, theory, law and
			CO1	importance of animal models, simulations and virtual testing.
				Illustrate the principles and procedures in designing experiments and
			CO2	elaborate the requirements for carrying out experiments.
			03	Describe the ethical concerns in practicing science.
			CO4	Understand the Scope and role of statistics; methods and procedures of
		Methodolgy In		sampling, construction of tables, charts and graphs.
5	ZOL5B09T	Science, Biostatistics and		Calculate central tendency and measures of dispersion and application of
		Bioinformatics	CO5	its knowledge on hypothesis testing as well as in problem solving.
			CO6	Enumerate major biological databases and database search engines.
				Perform DNA and protein sequence analysis, including sequence
			607	alignment and sequence similarity search using BLAST, FASTA, CLUSTAL W
			07	and CLUSTAL X .
			C08	Understand molecular phylogenetics and tools and methods for
				Explain genome sequencing technologies functional genomics proteomic
			CO9	technologies and molecular docking and drug design.
				Perform experiments in cell biology and genetics including demonstration
				of Barr body in buccal epithelial cells of man, polytene chromosome in the
				salivary glands of <i>D. melanogaster</i> larva, mitotic division in onion root tip
				cells, micrometry of microscopic objects, prepare whole mounts of
			CO1	microscopic objects, and calculate mitotic and metaphase index from
				Enumerate the inheritance of major human genetic traits, pedigree chart.
				normal and abnormal human karyotypes, phenotypic differences of male
				and female Drosophila and solve problems on Monohybrid, dihybrid
			CO2	crosses, blood groups and sex-linked inheritance.
				Understand electrophoresis, PCR, Northern blotting, Southern blotting
6	ZOL6B15P	Practical II	CO3	and western blotting, DNA sequencing and fingerprinting and isolation of
				Perform gram staining and preparation of culture media for bacteria and
			CO4	demonstrate bacterial motility by standard laboratory protocols.
				Understand the detection of human blood groups and organs of immune
			CO5	system
				Perform standard biochemical tests for the detection of reducing and
			006	nonreducing sugars, polysaccharides, proteins and lipids.
				isolation of nuclei, effect of colchicings on coll division, extraction of DNA
			C07	and polyacrylamide and agaros egel electrophoresis
			CO8	Solve basic problems in biostatistics and Bioinformatics
				Describe the regulation of digestion in man, nutrition in pregnancy and
				infancy, nutritional disorders, balanced diet, starvation, fasting and
			CO1	obesity.
				Understand the mechanism of transport and exchange of respiratory
			CO2	gases and its neurophysiological control and physiological problems in
				Describe functions composition coagulation transfusion agalutination
				and clinical analysis of blood, haemoglobinopathies, types of heart and
			CO3	common cardio-vascular problems.
		Physiology		Understand the osmoregulatory mechanisms in animals; excretion and its
6	ZOL6B10T	Endocrinology	CO4	hormonal control and common renal disorders in man.
		Lindocimology	005	Explain the ultrastructure of skeletal muscles and biochemical events and
			05	energetics of muscle contraction.
			06	Understand the different types of nerve cells, glial cells and nerve fibres,
			000	and the mechanism of herve impulse transmission

				Understand the types, physiology and significance of bioluminescence,
			C07	and the structure and functions of electric organs.
				Describe invertebrate neuro-endocrine organs and hormones, vertebrate
			CO8	endocrine glands, their hormones and functions.
				Understand the concept of neurosecretion and the mode of action of
			CO9	peptide and steroid hormones.
			CO1	Explain the reproductive strategies in invertebrates and vertebrates and
				Describe process of fertilization, programmy gestation, placentation
			CO2	parturition and lactation in humans.
				Explain the scope of reproductive technologies in infertility management;
			CO3	prenatal diagnostic techniques and methods of fertility control
			~~ .	Understand the phases and theories of development, and classification of
			CO4	eggs
6	7016B11T	Reproductive and		Enumerate the types of cleavage, arrangement of blastomeres, germ
Ū	LOLODIII	Developmental Biology	CO5	blastula
				Illustrate the early developmental process of egg in Amphioxus , frog, chick
			CO6	and man
				Explain the basics of cell differentiation and its genetic control, stem cells
			C07	and applications of stem cell technology
			CO8	Describe parthenogenesis, types, and significance
				Explain fate map construction, Spemann's construction experiments on
				gradient experiments in sea urchin eggs cloning experiments in sheep
			CO9	and teratogenesis
				Explain the structure of ecosystem and its functioning through energy flow
	70168127		CO1	and nutrient cycling .
			600	Enumerate biogeochemical cycles and understand the concept of limiting
			CO2	factors.
			CO3	Describe the ecology of population, community and habitat as a self
		Environmental and Conservation Biology		Inderstand various types of population interactions and appraise the co-
			CO4	evolution.
				Comprehend the diverse environmental and sustainability challenges
6				ranging from local to global and the establishment of perfect harmony
			COL	between economic development, social issues and environmental
			005	Conservation.
			CO6	populations, communities and ecosystems.
				Understand the threats to biodiversity, and strategies adapted for the
			C07	conservation of diversity of organisms.
				Describe the various international strategies for conserving biodiversity.
			C08	
			603	Describe the toxic chemicals, their toxicity levels and the health hazards
			C01	Describe the patterns and mechanisms of animal behaviour.
			CO2	Illustrate biological rhythms and the chemical basis of communication.
				Identify major evolutionary transitions over time, and explain the tools
				and evidences that support current hypotheses of the history of life on
			CO3	earth .
			C04	Describe the evidences for evolution and its required corollaries .
		Ethology Evolution and	CO5	Explain the various theories of evolution .
6	ZOL6B13T	Zoogeography	000	Describe the mechanisms by which evolution occurs .
				Recognize the significance of reproductive isolation in reducing gene flow
				between populations, biological and morphological species concepts and
			C07	usinguish between prezygotic and postzygotic barriers to reproduction .
			CO8	Review the events in human evolution .
				Explain ecological and historical foundations for understanding the
			CO9	comprehend the basic principles of biogeography as a discipline
				comprehend the basic principles of blogeography as a discipline .
			CO1	Explain aquaculture and the process of prawn, mussel and pearl culture.
				Illustrate the methodology of pisciculture and understand common
			CO2	culture fishes and ornamental fishes.
		Aquaculture, Animal	<u> </u>	Identify major fishing crafts and gear and enumerate fish utilization and
6	7016B14(F)02T	husbandry and Poultry	03	preservation

U	LOLUDIHILIULI			H
		Science	CO4	Enumerate the poultry rearing techniques and understand major breeds of fowl.
			CO5	Understand the major breeds of cattle, cattle feeds and diseases of cattle.
			CO6	Illustrate the steps in dairy processing and identify the role of dairy development in rural economy .
			C01	Perform standard laboratory experiments for the estimation of Hb, presence of hCG/abnormal constituents in urine, detection of blood pressure, bleeding and clotting time and identification of formed elements in blood.
			CO2	Identify selected stages in the development of frog and chick and chosen larval forms of invertebrates and vertebrates.
			СО3	Carry out experiments of laboratory standards to estimate water quality parameters including, dissolved Oxygen, Carbon dioxide, hardness and pH; determination of adulteration of selected food items and identify marine planktons and soil organisms
6	ZOL6B16P	Practical III	CO4	Demonstrate the behavioural response of earthworm/dipteran larva to selected stimuli
			CO5	Describe homologous , analogous and vestigial organs, connecting links, adaptive radiation and evolution of man
			CO6	Illustrate zoogeographical realms, Wallace line, Weber line, Wallacea and the distribution of <i>Peripatus</i> , lung fishes, <i>Sphenodon</i> , monotremes and marsupials
			C07	Identify the normal and selected abnormal human karyotypes and inheritance of chosen traits from pedigree charts/describe ornamental and other culture fishes/ describe chosen beneficial and harmful insects
Name of th	e program	no		Bachelor of Science, Food Technology
Name of th				
Short Name of the	rammo			
Somester	Course code	Course Title	CO No:	Course Outcomes
Semester	Course coue	Course Thie	CO NO.	The basic knowledge of feed science and technology
	FTL 1 B 01		CO1	The basic knowledge of food science and technology.
		PERSPECTIVES OF FOOD SCI	C02	Passies of quality assessment, putritional factors and health feeds
			CO3	Basics of quality assessment, nutritional factors and meanin focus
1			C04	An idea about iournale, research contars and loading industries
		PERSPECTIVES OF FOOD SCIENCE AND		
	FTL 1 B 02 P	TECHNOLOGY	CO1	
	FTL 2 B 03	FOOD MICROBIOLOGY		Student will have knowledge on history of microbiology. Understand concept of growth and reproduction of bacteria ,relevance of
2			02	microscopy. Understand the basic microbial structure, function and study the comparative characteristics of prokaryotes and eukaryotes and
			CO3	understand the structural similarities and differences among them
	FTL 2 B 04 P	FOOD MICROBIOLOGY-1	CO1	Understand various accessories for microbiology practical
			CO2	develop skill to stain bacterial cell
			C01	Identify the mechanisms by which various unit operations in food processing optimizfood quality and extend shelf life of foods
			CO2	Understand principles of heat and mass transfer phenomena
	FTL 3 B 05	FOOD ENGINEERING	CO3	Describe the theories of refrigeration and freezing
3			CO4	Understand rheological characteristics of foods
			CO5	Understand the working principle of heat exchangers, evaporators, driers, and boilers
	FTL 3 B 06 P	FOOD PROCESSING AND PRESERVATION	C01	
			C01	Exposure to various Instrumental analysis of foods which needed for statutory requirements
	FTL 4 B 07		CO2	Understand the constituents of foods which are always amenable during processing
4			CO3	Knowledge of minor constituents useful to get organoleptic character of foods
		FOOD CHEMISTRY &		
			CO1	
		INSTRUIVIENTATION	CO1	Understand microbiological techniques for the isolation of pure culture of
			CO2	To understand analigan area internet for the second start of
	ETL 5 B 09	FOOD MICROBIOLOGY-II	02	To understand sponage organisms ,growth factors and control.

			1	1
				To know the effect of fermentation in food production and how it
			CO3	influence the microbiological quality and status of food product.
			CO4	To perform and analyze the microbiological safety of milk and water
			C01	Familiarize on milling technologies of rice & wheat
	FTL 5 B 10			Knowledge on baking technologies of bread, cake, biscuit and
		CEREALS, PULSES AND OIL	CO2	confectionary
		SEEDS TECHNOLOGY	CO3	Knowing the processing methods of pulses, puts and oilseeds
			CO4	Detailed description of millet chemistry
			C04	Understand the meeter to the election of the small food industries
			C01	Understand the master technologies of thermal rood industries
			CO2	Signify the importance of various dying methods
5			CO3	Make knowledge of pros and cons of low temparature preservation
			CO4	Rely on ancient fermentation method and its applications.
	FTL 5 B 11	FOUD PRESERVATION &	CO5	Clear the usual confusion for using verious preservatives
		PACKAGING TECHNOLOGY		Dominate the common reservation techniques with the recent and
			CO6	advanced one
				Tobe competitive with innovative ideas for developing substantial
			C07	consumer products
		CEREALS PLUSES & OU		
	FTI 5 B 12 P		CO1	
	11230121		CO1	The standard because the standard frequencies and a discriminant of extension strengtheres.
			001	To study the methods of isolation and culturing of microorganisms
			C02	Incoming raw material such as meat
	FTL 5B 13 P	FOOD MICROBIOLOGY -II		Water -treated & raw water for coliforms Microbial flora in foods such as
			CO3	milk
			CO4	to analyze the different types of specimens microbiologically:
	FT 5 B 14 P	ANALYSIS OF FOODS	C01	
			C01	Lists the components of milk.
			CO2	Signify the importance of physico chemical properties of milk
		DAIRY TECHNOLOGY		Providing the importance of dairy processing technologies and
	FIL 6 B 15 E		CO3	equipments used
			CO4	Make more knowledge on different types of market milk and fermented
			CO5	Provide more information on CIP methods
	FTL 6 B 16	TECHNOLOGY OF ANIMAL FOODS	CO1	Understand the importance of safe slaughtering methods and its
			CO2	Innovative ideas on the production of various products
			CO3	Describe the methods of preservation of different animal products based
			CO4	Quality parameters of egg and the preservation methods from ancient to
6			CO5	A clear idea on fish processing Technology
		FOOD SAFETY, FOOD LAWS &REGULATIONS		Upon completion of the food safety regulations and packaging paper:
	FTI 6 B 17		C01	Students will recognize the national and international standards of food
			CO2	Students can take new concept of food plant sanitation
			CO3	Students can implement the updated FSSAI
	FILOD 10	TECHNOLOGY OF FRUITS,	01	
	FTL 6 B 19 P	TECHNOLOGY OF FRUITS,	C01	
		VEGETABLES, SPICES &	CO1	To determine the establish of will, sound by they
			CO2	To determine the acidity of milk, curd, butter
	FTL 6 B 20 P		CO3	By using betoet method we can check the purity of cow's milk
		FUUDS	CO4	Different kinds of tests are performing to determine the adultoration of
Name of th	e Programn	ne		Bachelor of Science Mathematics
Short Name of t				
	le Fluglattille			B Sc. Maths
Code of the Pros	gramme			B Sc. Maths CCASMT
Code of the Prog Semester	ramme Course code	Course Title	CO No:	B Sc. Maths CCASMT Course Outcomes
Code of the Prog Semester	ramme Course code	Course Title	<b>CO No:</b> CO1	B Sc. Maths CCASMT Course Outcomes To analyse hypothesis and conclusions of mathematical statements
Code of the Prog Semester	course code	Course Title	<b>CO No:</b> CO1 CO2	B Sc. Maths CCASMT Course Outcomes To analyse hypothesis and conclusions of mathematical statements To apply the logical structure of proofs and work symbolically with connectives
Code of the Prog Semester	Course code MT1B01	Course Title Basic Logic and Number	CO No: CO1 CO2 CO3	B Sc. Maths CCASMT Course Outcomes To analyse hypothesis and conclusions of mathematical statements To apply the logical structure of proofs and work symbolically with connectives To identify and apply various properties of and and relating to Integers including
Code of the Prog Semester	Course code	Course Title Basic Logic and Number Theory	CO No: CO1 CO2 CO3 CO4	B Sc. Maths CCASMT Course Outcomes To analyse hypothesis and conclusions of mathematical statements To apply the logical structure of proofs and work symbolically with connectives To identify and apply various properties of and and relating to Integers including To understand the concept of congruence and use various theorems related to
Code of the Prog Semester	Course code	Course Title Basic Logic and Number Theory	CO No: CO1 CO2 CO3 CO4 CO5	B Sc. Maths CCASMT Course Outcomes To analyse hypothesis and conclusions of mathematical statements To apply the logical structure of proofs and work symbolically with connectives To identify and apply various properties of and and relating to Integers including To understand the concept of congruence and use various theorems related to To identify certain number theoretic functions and their properties
Code of the Prog Semester	Course code	Course Title Basic Logic and Number Theory	CO No: CO1 CO2 CO3 CO4 CO5 CO1	B Sc. Maths CCASMT Course Outcomes To analyse hypothesis and conclusions of mathematical statements To apply the logical structure of proofs and work symbolically with connectives To identify and apply various properties of and and relating to Integers including To understand the concept of congruence and use various theorems related to To identify certain number theoretic functions and their properties To give an account of the concept of functions and their graphs
Code of the Prog	Course code	Course Title Basic Logic and Number Theory	CO No: CO1 CO2 CO3 CO4 CO5 CO1 CO2	B Sc. Maths CCASMT Course Outcomes To analyse hypothesis and conclusions of mathematical statements To apply the logical structure of proofs and work symbolically with connectives To identify and apply various properties of and and relating to Integers including To understand the concept of congruence and use various theorems related to To identify certain number theoretic functions and their properties To give an account of the concept of functions and their graphs To determine the limit, continuity and differentiability of a function
Code of the Prog	Course code MT1B01 MT2B02	Course Title Basic Logic and Number Theory Calculus of single variable-	CO No: CO1 CO2 CO3 CO4 CO5 CO1 CO2 CO3	B Sc. Maths CCASMT Course Outcomes To analyse hypothesis and conclusions of mathematical statements To apply the logical structure of proofs and work symbolically with connectives To identify and apply various properties of and and relating to Integers including To understand the concept of congruence and use various theorems related to To identify certain number theoretic functions and their properties To give an account of the concept of functions and their graphs To determine the limit, continuity and differentiability of a function To use derivatives in applications
Code of the Prog	Course code MT1B01 MT2B02	Course Title Basic Logic and Number Theory Calculus of single variable- 1	CO No: CO1 CO2 CO3 CO4 CO5 CO1 CO2 CO3 CO4	B Sc. Maths CCASMT Course Outcomes To analyse hypothesis and conclusions of mathematical statements To apply the logical structure of proofs and work symbolically with connectives To identify and apply various properties of and and relating to Integers including To understand the concept of congruence and use various theorems related to To identify certain number theoretic functions and their properties To give an account of the concept of functions and their graphs To determine the limit, continuity and differentiability of a function To use derivatives in applications To familiar with integration and Fundamental Theorem of Calculus
Code of the Prog	MT2B02	Course Title Basic Logic and Number Theory Calculus of single variable- 1	CO No: CO1 CO2 CO3 CO4 CO5 CO1 CO2 CO3 CO4 CO5	B Sc. Maths CCASMT Course Outcomes To analyse hypothesis and conclusions of mathematical statements To apply the logical structure of proofs and work symbolically with connectives To identify and apply various properties of and and relating to Integers including To understand the concept of congruence and use various theorems related to To identify certain number theoretic functions and their properties To give an account of the concept of functions and their graphs To determine the limit, continuity and differentiability of a function To use derivatives in applications To familiar with integration and Fundamental Theorem of Calculus To use integrals for the computation of area of surface of revolution, arc length,
Code of the Prog	MT2B02	Course Title Basic Logic and Number Theory Calculus of single variable- 1	CO No: CO1 CO2 CO3 CO4 CO5 CO1 CO2 CO3 CO4 CO5 CO1	B Sc. Maths CCASMT Course Outcomes To analyse hypothesis and conclusions of mathematical statements To apply the logical structure of proofs and work symbolically with connectives To identify and apply various properties of and and relating to Integers including To understand the concept of congruence and use various theorems related to To identify certain number theoretic functions and their properties To give an account of the concept of functions and their graphs To determine the limit, continuity and differentiability of a function To use derivatives in applications To familiar with integration and Fundamental Theorem of Calculus To use integrals for the computation of area of surface of revolution, arc length, To define the logarithmic and exponential functions and examine their properties
Code of the Prog	MT2B02	Course Title Basic Logic and Number Theory Calculus of single variable- 1	CO No: CO1 CO2 CO3 CO4 CO5 CO1 CO2 CO3 CO4 CO5 CO1 CO5 CO1 CO2	B Sc. Maths CCASMT Course Outcomes To analyse hypothesis and conclusions of mathematical statements To apply the logical structure of proofs and work symbolically with connectives To identify and apply various properties of and and relating to Integers including To understand the concept of congruence and use various theorems related to To identify certain number theoretic functions and their properties To give an account of the concept of functions and their graphs To determine the limit, continuity and differentiability of a function To use derivatives in applications To familiar with integration and Fundamental Theorem of Calculus To use integrals for the computation of area of surface of revolution, arc length, To define the logarithmic and exponential functions and examine their properties To study about inverse trigonometric functions and hyperbolic functions
Code of the Prog	Course code MT1B01 MT2B02	Course Title Basic Logic and Number Theory Calculus of single variable- 1	CO No: CO1 CO2 CO3 CO4 CO5 CO1 CO2 CO3 CO4 CO5 CO1 CO5 CO1 CO2 CO2 CO2	B Sc. Maths CCASMT Course Outcomes To analyse hypothesis and conclusions of mathematical statements To apply the logical structure of proofs and work symbolically with connectives To identify and apply various properties of and and relating to Integers including To understand the concept of congruence and use various theorems related to To identify certain number theoretic functions and their properties To give an account of the concept of functions and their graphs To determine the limit, continuity and differentiability of a function To use derivatives in applications To familiar with integration and Fundamental Theorem of Calculus To use integrals for the computation of area of surface of revolution, arc length, To define the logarithmic and exponential functions and examine their properties To study about inverse trigonometric functions and hyperbolic functions To discuss the methods of finding limits of functions in indeterminate forms To integrate the desting of the serverse.
Code of the Prog	Course code MT1B01 MT2B02 MT3B03	Course Title Basic Logic and Number Theory Calculus of single variable- 1 Calculus of single	CO No: CO1 CO2 CO3 CO4 CO5 CO1 CO2 CO3 CO4 CO5 CO1 CO2 CO1 CO2 CO3 CO4	B Sc. Maths CCASMT Course Outcomes To analyse hypothesis and conclusions of mathematical statements To apply the logical structure of proofs and work symbolically with connectives To identify and apply various properties of and and relating to Integers including To understand the concept of congruence and use various theorems related to To identify certain number theoretic functions and their properties To give an account of the concept of functions and their graphs To determine the limit, continuity and differentiability of a function To use derivatives in applications To familiar with integration and Fundamental Theorem of Calculus To use integrals for the computation of area of surface of revolution, arc length, To define the logarithmic and exponential functions and examine their properties To study about inverse trigonometric functions and hyperbolic functions To discuss the methods of finding limits of functions in indeterminate forms To introduce the idea of improper integrals
Code of the Prog	Course code MT1B01 MT2B02 MT3B03	Course Title Basic Logic and Number Theory Calculus of single variable- 1 Calculus of single variable-2	CO No: CO1 CO2 CO3 CO4 CO5 CO1 CO2 CO3 CO4 CO5 CO1 CO2 CO3 CO1 CO2 CO3 CO4 CO2 CO3 CO4 CO5	B Sc. Maths CCASMT Course Outcomes To analyse hypothesis and conclusions of mathematical statements To apply the logical structure of proofs and work symbolically with connectives To identify and apply various properties of and and relating to Integers including To understand the concept of congruence and use various theorems related to To identify certain number theoretic functions and their properties To give an account of the concept of functions and their graphs To determine the limit, continuity and differentiability of a function To use derivatives in applications To familiar with integration and Fundamental Theorem of Calculus To use integrals for the computation of area of surface of revolution, arc length, To define the logarithmic and exponential functions and examine their properties To study about inverse trigonometric functions in indeterminate forms To discuss the methods of finding limits of functions in indeterminate forms To introduce the idea of improper integrals To understand the concepts of sequence and series To deven nower series removes and and surface formations and the properties To deven nower series removes and a function of an of the series To deven nower series removes and series To deven the devent series removes and series To deven the devent the devent series To deven the devent series removes and
Code of the Prog	MT3B03	Course Title Basic Logic and Number Theory Calculus of single variable-1 Calculus of single variable-2	CO No: CO1 CO2 CO3 CO4 CO5 CO1 CO2 CO3 CO4 CO5 CO1 CO2 CO3 CO4 CO2 CO3 CO4 CO5 CO4 CO5 CO5 CO4 CO5 CO5 CO4 CO5 CO2	B Sc. Maths CCASMT Course Outcomes To analyse hypothesis and conclusions of mathematical statements To apply the logical structure of proofs and work symbolically with connectives To identify and apply various properties of and and relating to Integers including To understand the concept of congruence and use various theorems related to To identify certain number theoretic functions and their properties To give an account of the concept of functions and their graphs To determine the limit, continuity and differentiability of a function To use derivatives in applications To familiar with integration and Fundamental Theorem of Calculus To use integrals for the computation of area of surface of revolution, arc length, To define the logarithmic and exponential functions and examine their properties To study about inverse trigonometric functions and hyperbolic functions To discuss the methods of finding limits of functions in indeterminate forms To introduce the idea of improper integrals To understand the concepts of sequence and series To develop power series representation of real valued functions
Code of the Prog	MT1B01 MT2B02 MT3B03	Course Title Basic Logic and Number Theory Calculus of single variable-1 Calculus of single variable-2	CO No: CO1 CO2 CO3 CO4 CO5 CO1 CO2 CO3 CO4 CO5 CO1 CO2 CO3 CO4 CO2 CO3 CO4 CO5 CO5 CO6 CO7 CO2	B Sc. Maths CCASMT Course Outcomes To analyse hypothesis and conclusions of mathematical statements To apply the logical structure of proofs and work symbolically with connectives To identify and apply various properties of and and relating to Integers including To understand the concept of congruence and use various theorems related to To identify certain number theoretic functions and their properties To give an account of the concept of functions and their graphs To determine the limit, continuity and differentiability of a function To use derivatives in applications To familiar with integration and Fundamental Theorem of Calculus To use integrals for the computation of area of surface of revolution, arc length, To define the logarithmic and exponential functions and examine their properties To study about inverse trigonometric functions in indeterminate forms To introduce the idea of improper integrals To understand the concepts of sequence and series To develop power series representation of real valued functions To discuss about parametric equation of curves and polar coordinate system To discuss about parametric equation of curves and polar coordinate system
Code of the Prog	MT1B01 MT2B02 MT3B03	Course Title Basic Logic and Number Theory Calculus of single variable- 1 Calculus of single variable-2	CO No: CO1 CO2 CO3 CO4 CO5 CO1 CO2 CO3 CO4 CO5 CO1 CO2 CO3 CO4 CO2 CO3 CO4 CO5 CO4 CO5 CO6 CO7 CO8 CO4	B Sc. Maths CCASMT Course Outcomes To analyse hypothesis and conclusions of mathematical statements To apply the logical structure of proofs and work symbolically with connectives To identify and apply various properties of and and relating to Integers including To understand the concept of congruence and use various theorems related to To identify certain number theoretic functions and their properties To give an account of the concept of functions and their graphs To determine the limit, continuity and differentiability of a function To use derivatives in applications To familiar with integration and Fundamental Theorem of Calculus To use integrals for the computation of area of surface of revolution, arc length, To define the logarithmic and exponential functions and examine their properties To study about inverse trigonometric functions in indeterminate torms To introduce the idea of improper integrals To understand the concepts of sequence and series To develop power series representation of real valued functions To discuss about parametric equation of curves and polar coordinate system For detailed study of plane and space curves
Code of the Prog	Course code MT1B01 MT2B02 MT3B03	Course Title Basic Logic and Number Theory Calculus of single variable- 1 Calculus of single variable-2	CO No: CO1 CO2 CO3 CO4 CO5 CO1 CO2 CO3 CO4 CO5 CO1 CO2 CO3 CO4 CO2 CO3 CO4 CO5 CO6 CO7 CO6 CO7 CO8 CO1 CO2	B Sc. Maths CCASMT Course Outcomes To analyse hypothesis and conclusions of mathematical statements To apply the logical structure of proofs and work symbolically with connectives To identify and apply various properties of and and relating to Integers including To understand the concept of congruence and use various theorems related to To identify certain number theoretic functions and their properties To give an account of the concept of functions and their graphs To determine the limit, continuity and differentiability of a function To use derivatives in applications To familiar with integration and Fundamental Theorem of Calculus To use integrals for the computation of area of surface of revolution, arc length, To define the logarithmic and exponential functions and examine their properties To study about inverse trigonometric functions in indeterminate torms To introduce the idea of improper integrals To understand the concepts of sequence and series To develop power series representation of real valued functions To discuss about parametric equation of curves and polar coordinate system For detailed study of plane and space curves To solve systems of linear equations To understand the concept of matrices operations on matrices and its properties
Code of the Prog	MT3B03	Course Title Basic Logic and Number Theory Calculus of single variable- 1 Calculus of single variable-2 Linear Algebra	CO No: CO1 CO2 CO3 CO4 CO5 CO1 CO2 CO3 CO4 CO5 CO1 CO2 CO3 CO4 CO2 CO3 CO4 CO5 CO6 CO7 CO6 CO7 CO8 CO2 CO3	B Sc. Maths CCASMT Course Outcomes To analyse hypothesis and conclusions of mathematical statements To apply the logical structure of proofs and work symbolically with connectives To identify and apply various properties of and and relating to Integers including To understand the concept of congruence and use various theorems related to To identify certain number theoretic functions and their properties To give an account of the concept of functions and their graphs To determine the limit, continuity and differentiability of a function To use derivatives in applications To familiar with integration and Fundamental Theorem of Calculus To use integrals for the computation of area of surface of revolution, arc length, To define the logarithmic and exponential functions and examine their properties To study about inverse trigonometric functions in indeterminate torms To introduce the idea of improper integrals To understand the concepts of sequence and series To develop power series representation of real valued functions To discuss about parametric equation of curves and polar coordinate system For detailed study of plane and space curves To solve systems of linear equations To understand the concept of matrices, operations on matrices and its properties To understand the concept of vector spaces

			CO4	To learn deeply about matrix transformations and determine eigen values of a
			CO5	To understand the concept of inner product and orthogonaliztion
			CO1	To focus om Symmetric functions.
	MT5B05	Abstract Algebra	CO2	To learn the concept of equivalence relation and partition
			CO3	To understand the concepts of groups, subgroups, nomomorphism and
			CO4	To get the local of cosets, Kings and Integral domain.
			CO2	To deduce basic properties of real number system
	MT5B06	Basic Analysis	CO2	To understand some basic topological properties of real number system
			CO4	To get a rigorous introduction to algebraic geometric and topological
			CO1	To understand several methods to find out the approximate numerical
			CO2	To learn concepts of various difference operators
	MT5B07	Numerical Analysis	CO3	To understand the concept of interpolation and also learn some well
			CO4	To understand a few techniques for numerical differentiation and
			CO5	To find out numerical approximations to solutions of initial value problems
			CO1	To mathematically formulate real problem in a systematic way and its
	MTEDOO		CO2	To systematic study of a given problem and solving it using different
	MT5B08 Linear Programming	CO3	To study various methods to optimize a transportation problem	
			CO4	To acquit with various methods to optimize an assignment problem
<u> </u>			C03	To analyse the quality of a given linear programming problem
			CO2	To discuss Fuclidean Geometry
			CO3	To explain affine transformations and parallel projections
		In the almost in the	CO4	To discuss fundamental theorem of affine geometry
	MTEROO	Introduction to	CO5	To discuss projective geometry
	INI 1 2 B 0 9	Geometry and Theory of	CO6	To identify certain number theoretic functions and their properties
		Equations	CO7	To have insight in division of polynomials and Taylor Formula.
			CO8	To demonstrate the Fundamental Theorem of Algebra.
			CO9	To analyse the location and describe the nature of the roots of ewua
			CO10	To Discuss the solution of an equation by Cardens Formula and Ferrari
			C01	To discuss about functions and continuity of functions
	MT5D01 Open	Applied Calculus	CO2	To create a basic knowledge differentiation
	Course	Applied Calculus	CO4	To apply the concepts of differentiation in Economics and graphing of function
			C05	To generate an idea of basic integration
			CO1	To understand the fundamental results of continuous functions on intervals
			CO2	To identify the difference between pointwise continuity and uniform continuity
			CO3	To understand the significance of uniform continuity
			CO4	To develop the notion of Riemann integrability of a function
	MT6B10	Real Analysis	CO5	To understand some basic and fundamental results of integration theory
			CO6	To understand classes of functions that are always integrable
			C07	To understand the difference between pointwise and uniform convergence of
			608	To understand the notion of improper integrals, their convergence, principal
<u> </u>			C09	To learn the properties of and relationship among two important improper
			CO2	To analyze the properties of Mobius transformation
	MT6B11	Complex Analysis	CO3	To develop theorems of complex integration
			CO4	To classifysingularities of functions and Laurent series development
			CO1	To acquainte with the concepts of limit and continuity on multivariable
			CO2	To get an introduction on Directional derivatives , Gradient vectors, tangent
	MT6B12	Calculus of Multi Variable	CO3	To know the concept of extremas of functions of two variables and Lagrange
			CO4	To understand the techniques like line integrals, surface integrals, double
			C05	To learn three major results viz. Green's theorem, Gauss's theorem and Stokes'
			C01	For identification of the areas where the modelling process results in a
	MT6B13	Differential Equations	(03	To develop theory and method for solving a second order linear homogeneous
			CO4	To understand the series solution method for homogeneous equations with
			CO5	To develop the method for solving partial differential equations using the method
			C01	To explain the concepts metric spaces and norms on linear spaces
			CO2	To discuss open, closed and dense subsets
	MT6B14(E02) -	Topology of Metric spaces	CO3	To introduce topologies
	Elective		CO4	To discuss convergence and Cauchy sequence
			CO5	To differentiate point wise and uniform convergence
Name of th	o Drograma	10	CO6	To discuss continuity and connectedness
Short Name of th	e Programme			B.Sc. Psychology
Code of the Prog	ramme			CCASPY
Semester	Course code	Course Title	CO No:	Course Outcomes
			CO1	To generate interest in Psychology
1	PSY1R01	BASIC THEMES IN	CO2	To make familiar the basic concept of the field of Psychology with an emphasis
<u> </u>	1 31 1001	PSYCHOLOGY- I	CO3	To understand the basics of various theories in Psychology
			CO4	To provide basic knowledge about systems and processes like attention, learning
		DAGIO TUES (ES IN	CO1	To generate interest in Psychology
2	PSY2B01	BASIC THEMES IN	CO2	To make familiar the basic concept of the field of Psychology with an emphasis
		PSTCHULUGY- II	CO4	To provide basic knowledge about sustance and processes like cognition
			004	To provide basic knowledge about systems and processes like cognition, memory,

	DCV2D01	PSYCHOLOGICAL MEASUREMENT AND	CO1	To offer foundation on psychological measurement and testing
			CO2	To provide the basis of test construction and to build up skills on developing
	PSTSBUI		CO3	To familiarize the uses of psychological tests
2		TESTING	CO4	To make aware of ethical principals in testing
5			CO1	To nurture the ability in students to understand himself/herself and other
		EXPERIMENTAL	CO2	To develop the skills of testing and scientific reporting in psychology.
		PSYCHOLOGY PRACTICAL I	CO3	To familiarize the students to various psychological tests and assessment tools.
			CO4	To generate an interest in working of the community with a psychological outlook
			CO1	To provide theoretical knowledge about systems and processes like intelligence
	PSY4B01	INDIVIDUAL DIFFERENCES	CO2	To understand the history of intelligence and Personality Testing
		CO3	To familiarize the student with various types of tests in Psychology	
4			CO1	To nurture the ability in students to understand himself/herself and other
	0574000	EXPERIMENTAL	CO2	To develop the skills of testing and scientific reporting in psychology.
	P314DU2	PSYCHOLOGY PRACTICAL I	CO3	To familiarize the students to various psychological tests and assessment tools.
			CO4	To generate an interest in working of the community with a psychological outlook
			CO5	To enable students to understand the concepts of abnormal behavior
	PSY5B01	ABNORMAL PSYCHOLOGY-I	CO6	To develop awareness about different types of anxiety and stress disorders
			CO7	To encourage the students to know different therapeutic techniques in
			CO8	Understand and explain behavior in social settings
	PSY5B02	SOCIAL PSYCHOLOGY	CO9	Explain the psychological aspects of various social phenomena
			CO10	To create awareness about the management of human behaviour in group
	DSV5B03	DEVELOPMENTAL PYCHOLOGY –I	CO11	To study human development in Psychological Perspectives
	F 51 5 0 0 5		CO12	To create awareness about major Psychological changes along with physical and
	PSY5B04	PSYCHOLOGICAL COUNSELLING	CO13	To acquire theoretical knowledge in the areas of psychological counseling
			CO14	To understand the applications of counseling in various settings
5			CO15	To practice counseling techniques through role plays
5	PSYB05	HEALTH PSYCHOLOGY	CO16	To understand the Psychological, behavioral and cultural factors contributing to
	F31005		CO17	To study the management of different illnesses
			CO18	To nurture the ability in students to understand himself/herself and other
		EXPERIMENTAL	CO19	To develop the skills of testing and scientific reporting in psychology.
		PSYCHOLOGY PRACTICAL II	CO20	To familiarize the students to various psychological tests and assessment tools.
			CO21	To generate an interest in working of the community with a psychological outlook
			CO22	To nurture the ability in students to understand himself/herself and other
		EXPERIMENTAL	CO23	To develop the skills of testing and scientific reporting in psychology.
		PSYCHOLOGY PRACTICAL III	CO24	To familiarize the students to various psychological tests and assessment tools.
			CO25	To generate an interest in working of the community with a psychological outlook
		PROJECT		
	PSY6B01	ABNORMAL PSYCHOLOGY-	CO1	To develop awareness about major psychological disorders
		<u> </u>	CO2	To acquaint the students with causes of major psychological disorders
			CO1	To familiarize the theoretical concept and research methods in applied
	PSY6B02	APPLIED SOCIAL	CO2	To give knowledge about application of Social Psychology in different areas like
		PSYCHOLOGY		clinical, Educational, health and media.
			CO3	To understand the major social issues in India
		DEVELOPMENTAL	CO1	To study emotional and social development of life span periods.
6	PSY6B03	PSYCHOLOGY –II	CO2	To study the vocational development and adjustments in adulthood.
			CO3	To understand the period of late adulthood.
		LIFE SKILL EDUCATION:	CO1	To promote life skill education
	PSY6B04	APPLICATIONS AND	CO2	To develop abilities for adaptive and positive behavior
			CO3	To enhance self-confidence and self-esteem
	PSY6B06		C01	
	PSY6B07	EXPERIMENTAL	CO1	
	PSY6B08	PROJECT	(01	

## Name of the Programme

Short Name of th	ne Programme			BCA
Code of the Prog	ramme			CCABCA
Semester	Course code	Course Title	CO No:	Course Outcomes
1			CO1	To equip the students with fundamentals of Computer
	BCA1B01	Computer Fundamentals	CO2	To learn the basics of Computer organization
	DCAIDOI	& HTML	CO3	To equip the students to write algorithm and draw flow chart for solving simple
			CO4	To learn the basics of Internet and webpage design
			CO1	To equip the students with fundamental principles of Problem Solving aspects.
	BCA2B02	Problem Solving Using C	CO2	To learn the concept of programming
2	BCAZBUZ		CO3	To study C language
			CO4	To equip the students to write programs for solving simple computing problems
2	BCA2B03	Programming Laboratory I:HTML and Programming in C	CO1	To make the students learn web designing
			CO2	To make the students learn programming environments.
			CO3	To practice procedural programming concepts.
			CO4	To make the students equipped to solve mathematical or scientific problems
		Data Structures Using C	CO1	To introduce the concept of data structures
3	BCA3B04		CO2	To make the students aware of various data structures
			CO3	To equip the students implement fundamental data structures
			CO1	To learn the basic principles of database and database design
	BCA4B05	Database Management	CO2	To learn the basics of RDBMS
	0074000	System and RDBMS	CO3	To learn the concepts of database manipulation SQL
4			CO4	To study PL/SQL language
		Programming Laboratory	CO1	To make the students equipped to solve mathematical or scientific problems

#### Bachelor of Computer Application

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	BCA4B06	II-Data Structures and	CO2	To learn how to implement various data structures.
		RDBMS	CO3	To provide opportunity to students to use data structures to solve real life
	BCA5B07	Computer Organization	CO1	To learn logic gates, combinational circuits and sequential circuits
	56,65507	and Architecture	CO2	To learn basics of computer organization and architecture
			C01	To review on concept of OOP.
	BCA5B08	Java Programming	CO2	To learn Java Programming Environments.
		Java i rogramming	CO3	To practice programming in Java.
5			CO4	To learn GUI Application development in JAVA
5			C01	To review on concept of OOP.
	BCA5B09	Web Programming using	CO2	To learn Java Programming Environments.
		РНР	03	To practice programming in Java
			C04	To learn GUI Application development in JAVA
	BCA5B10	Principles of Software	C01	To learn engineering practices in Software development.
	BCASBIU	Engineering	C02	To learn various software development methodologies and practices.
			C01	To have a review on concent of Android programming
			C01	To have a review on concept of Android programming.
	BCA6B11 Android Programming	CO3	To practice programming in Android	
		CO4	To learn GUI Application development in Android platform with XMI	
			CO1	To learn objectives & functions of Operating Systems
			CO2	To understand processes and its life cycle.
	BCA6B12	Operating Systems	CO3	To learn and understand various Memory and Scheduling Algorithms.
			CO4	To have an overall idea about the latest developments in Operating Systems
			CO1	To learn about transmissions in Computer Networks.
6	BCA6B13	Computer Networks	CO2	To learn various Protocols used in Communication.
			CO3	To have a general idea on Network Administration.
		Brogramming Laboratory	CO1	To practice Java programming.
	BCA6B14	Programming Laboratory III-Java and PHP Programming	CO2	To practice client side and server side scripting.
			CO3	To practice PHP Programming.
			CO4	To practice developing dynamic websites.
	BCA6B15	Programming Laboratory	CO1	To practice Android programming.
		IV-Android and Linux Shell	CO2	To practice user interface applications.
		Programming	CO3	To develop mobile application.
			CO4	To practice shell programming
Name of th	<u>e Program</u> r	ne		Bachelor of Social Work
CI	-			
Short Name of th	e Programme			BSW
Short Name of th Code of the Prog	e Programme ramme	Course Title	60 N-	BSW CCABSW
Short Name of th Code of the Prog <b>Semester</b>	e Programme ramme Course code	Course Title	CO No.	BSW CCABSW Course Outcomes Understand the history of Secial Work Desfection in India & abroad
Short Name of th Code of the Prog Semester	e Programme ramme Course code	Course Title	<b>CO No.</b> CO1	BSW CCABSW Course Outcomes Understand the history of Social Work Profession in India & abroad Understand the basic values and principles of Social Work profession
Short Name of th Code of the Prog <b>Semester</b> 1	e Programme ramme Course code BSW1 B01	Course Title	<b>CO No.</b> CO1 CO2 CO3	BSW CCABSW COurse Outcomes Understand the history of Social Work Profession in India & abroad Understand the basic values and principles of Social Work profession Understand the basic concents relevant to Social Work practice
Short Name of th Code of the Prog <b>Semester</b> 1	e Programme ramme Course code BSW1 B01	Course Title	CO No. CO1 CO2 CO3 CO1	BSW CCABSW CCABSW Course Outcomes Understand the history of Social Work Profession in India & abroad Understand the basic values and principles of Social Work profession Understand the basic concepts relevant to Social Work profession Create awareness about enlarging scope of Social Work profession
Short Name of th Code of the Prog Semester 1 2	e Programme ramme Course code BSW1 B01 BSW 2B 02	Course Title Introduction to Social Work Fields of Social Work	CO No. CO1 CO2 CO3 CO1 CO2	BSW CCABSW CCABSW Understand the history of Social Work Profession in India & abroad Understand the basic values and principles of Social Work profession Understand the basic concepts relevant to Social Work practice. Create awareness about enlarging scope of Social Work profession Eamiliarize with problems in various fields of Social Work
Short Name of th Code of the Prog Semester 1 2	e Programme ramme Course code BSW1 B01 BSW 2B 02	Course Title Introduction to Social Work Fields of Social Work	CO No. CO1 CO2 CO3 CO1 CO2 CO3	BSW CCABSW CCABSW Understand the history of Social Work Profession in India & abroad Understand the basic values and principles of Social Work profession Understand the basic concepts relevant to Social Work profession Create awareness about enlarging scope of Social Work profession Familiarize with problems in various fields of Social Work Acquire skills for working in different areas of Social Work
Short Name of th Code of the Prog Semester 1 2	e Programme ramme Course code BSW1 B01 BSW 2B 02	Course Title Introduction to Social Work Fields of Social Work	CO No. CO1 CO2 CO3 CO1 CO2 CO3 CO1	BSW CCABSW CCABSW Course Outcomes Understand the history of Social Work Profession in India & abroad Understand the basic values and principles of Social Work profession Understand the basic concepts relevant to Social Work profession Create awareness about enlarging scope of Social Work profession Familiarize with problems in various fields of Social Work Acquire skills for working in different areas of Social Work To understand the basic concepts in Social Case Work
Short Name of th Code of the Prog Semester 1 2	e Programme ramme Course code BSW1 B01 BSW 2B 02 BSW 3B 03	Course Title Introduction to Social Work Fields of Social Work Introduction to Social Case	CO No. CO1 CO2 CO3 CO1 CO2 CO3 CO1 CO2	BSW CCABSW COURSE OUTCOMES Understand the history of Social Work Profession in India & abroad Understand the basic values and principles of Social Work profession Understand the basic concepts relevant to Social Work profession Create awareness about enlarging scope of Social Work profession Familiarize with problems in various fields of Social Work Acquire skills for working in different areas of Social Work To understand the basic concepts in Social Case Work To acquaint the students with the process of Social casework
Short Name of th Code of the Prog Semester 1 2	e Programme ramme Course code BSW1 B01 BSW 2B 02 BSW 3B 03	Course Title Introduction to Social Work Fields of Social Work Introduction to Social Case Work	CO No. CO1 CO2 CO3 CO1 CO2 CO3 CO1 CO2 CO2 CO3	BSW CCABSW COARSE Outcomes Understand the history of Social Work Profession in India & abroad Understand the basic values and principles of Social Work profession Understand the basic concepts relevant to Social Work profession Create awareness about enlarging scope of Social Work profession Familiarize with problems in various fields of Social Work Acquire skills for working in different areas of Social Work To understand the basic concepts in Social Case Work To acquaint the students with the process of Social casework To develop in students the necessary attitude and skills to practice Social case work
Short Name of th Code of the Prog Semester 1 2 3	e Programme ramme Course code BSW1 B01 BSW 2B 02 BSW 3B 03	Course Title Introduction to Social Work Fields of Social Work Introduction to Social Case Work	CO No. CO1 CO2 CO3 CO1 CO2 CO3 CO1 CO2 CO3 CO1	BSW CCABSW CCABSW Course Outcomes Understand the history of Social Work Profession in India & abroad Understand the basic values and principles of Social Work profession Understand the basic concepts relevant to Social Work profession Create awareness about enlarging scope of Social Work profession Familiarize with problems in various fields of Social Work Acquire skills for working in different areas of Social Work To understand the basic concepts in Social Case Work To acquaint the students with the process of Social casework To develop in students the necessary attitude and skills to practice Social case wor To understand the scope of Group Work in social work intervention
Short Name of the Code of the Prog Semester 1 2 3	e Programme ramme Course code BSW1 B01 BSW 2B 02 BSW 3B 03 BSW 3 B 04	Course Title Introduction to Social Work Fields of Social Work Introduction to Social Case Work Introduction to Social	CO No. CO1 CO2 CO3 CO1 CO2 CO3 CO1 CO2 CO3 CO1 CO2 CO3 CO1 CO2	BSW         CCABSW         Understand the history of Social Work Profession in India & abroad         Understand the basic values and principles of Social Work profession         Understand the basic concepts relevant to Social Work profession         Understand the basic concepts relevant to Social Work profession         Familiarize with problems in various fields of Social Work         Acquire skills for working in different areas of Social Work         To understand the basic concepts in Social Case Work         To acquaint the students with the process of Social casework         To develop in students the necessary attitude and skills to practice Social case wor         To understand the scope of Group Work in social work intervention         To familiarize with group formation, group work process & evaluation
Short Name of th Code of the Prog Semester 1 2 3	e Programme ramme Course code BSW1 B01 BSW 2B 02 BSW 3B 03 BSW 3 B 04	Course Title Introduction to Social Work Fields of Social Work Introduction to Social Case Work Introduction to Social Group Work	CO No. CO1 CO2 CO3 CO1 CO2 CO3 CO1 CO2 CO3 CO1 CO2 CO3 CO1 CO2 CO3	BSW         CCABSW         Course Outcomes         Understand the history of Social Work Profession in India & abroad         Understand the basic values and principles of Social Work profession         Understand the basic concepts relevant to Social Work profession         Understand the basic concepts relevant to Social Work profession         Familiarize with problems in various fields of Social Work         Acquire skills for working in different areas of Social Work         To understand the basic concepts in Social Case Work         To acquaint the students with the process of Social casework         To develop in students the necessary attitude and skills to practice Social case wor         To understand the scope of Group Work in social work intervention         To familiarize with group formation, group work process & evaluation         Develop skills and attitudes for participatory group work
Short Name of the Code of the Prog Semester 1 2 3	e Programme ramme Course code BSW1 B01 BSW 2B 02 BSW 3B 03 BSW 3 B 04	Course Title Introduction to Social Work Fields of Social Work Introduction to Social Case Work Introduction to Social Group Work Introduction to Social	CO No. CO1 CO2 CO3 CO1 CO2 CO3 CO1 CO2 CO3 CO1 CO2 CO3 CO1 CO2 CO3 CO1	BSW         CCABSW         Understand the history of Social Work Profession in India & abroad         Understand the basic values and principles of Social Work profession         Understand the basic concepts relevant to Social Work profession         Understand the basic concepts relevant to Social Work profession         Familiarize with problems in various fields of Social Work         Acquire skills for working in different areas of Social Work         To understand the basic concepts in Social Case Work         To acquaint the students with the process of Social casework         To develop in students the necessary attitude and skills to practice Social case wor         To understand the scope of Group Work in social work intervention         To familiarize with group formation, group work process & evaluation         Develop skills and attitudes for participatory group work         Understand the elements of Community Organisation practice.
Short Name of the Prog Semester 1 2 3	e Programme ramme Course code BSW1 B01 BSW 2B 02 BSW 3B 03 BSW 3 B 04	Course Title Introduction to Social Work Fields of Social Work Introduction to Social Case Work Introduction to Social Group Work Introduction to Social Group Work Introduction to	CO No. CO1 CO2 CO3 CO1 CO2 CO3 CO1 CO2 CO3 CO1 CO2 CO3 CO1 CO2 CO3 CO1 CO2	BSW         CCABSW         Understand the history of Social Work Profession in India & abroad         Understand the basic values and principles of Social Work profession         Understand the basic concepts relevant to Social Work profession         Understand the basic concepts relevant to Social Work profession         Create awareness about enlarging scope of Social Work profession         Familiarize with problems in various fields of Social Work         Acquire skills for working in different areas of Social Work         To understand the basic concepts in Social Case Work         To acquaint the students with the process of Social casework         To develop in students the necessary attitude and skills to practice Social case wort         To understand the scope of Group Work in social work intervention         To familiarize with group formation, group work process & evaluation         Develop skills and attitudes for participatory group work         Understand the elements of Community Organisation practice.         Develop skills and attitudes for participatory community work.
Short Name of the Prog Semester 1 2 3 4	e Programme ramme Course code BSW1 B01 BSW 2B 02 BSW 3B 03 BSW 3 B 04 BSW 4 B 05	Course Title Introduction to Social Work Fields of Social Work Introduction to Social Case Work Introduction to Social Group Work Introduction to Social Group Work Introduction to Community Organisation and Social Action	CO No. CO1 CO2 CO3 CO1 CO2 CO3 CO1 CO2 CO3 CO1 CO2 CO3 CO1 CO2 CO3 CO1 CO2 CO3 CO1 CO2 CO3 CO1 CO2 CO3 CO1 CO2 CO3 CO1 CO2 CO3 CO3 CO1 CO2 CO3 CO3 CO3 CO1 CO2 CO3 CO3 CO1 CO2 CO3 CO3 CO1 CO2 CO3 CO3 CO1 CO2 CO3 CO3 CO1 CO2 CO3 CO3 CO1 CO2 CO3 CO1 CO2 CO3 CO1 CO2 CO3 CO1 CO2 CO3 CO1 CO2 CO3 CO1 CO2 CO3 CO1 CO2 CO3 CO1 CO2 CO3 CO1 CO2 CO3 CO1 CO2 CO3 CO1 CO2 CO3 CO1 CO2 CO3 CO1 CO3 CO1 CO2 CO3 CO1 CO2 CO3 CO1 CO2 CO3 CO1 CO2 CO3 CO1 CO2 CO3 CO1 CO2 CO3 CO1 CO2 CO3 CO3 CO1 CO2 CO3 CO1 CO2 CO3 CO1 CO2 CO3 CO1 CO2 CO3 CO1 CO2 CO3 CO1 CO2 CO3 CO1 CO2 CO3 CO1 CO2 CO3 CO1 CO2 CO3 CO1 CO2 CO3 CO1 CO2 CO3 CO1 CO2 CO3 CO2 CO3 CO2 CO3 CO1 CO2 CO3 CO2 CO3 CO3 CO3 CO2 CO3 CO3 CO2 CO3 CO3 CO3 CO3 CO3 CO3 CO3 CO3 CO3 CO3	BSW         CCABSW         Understand the history of Social Work Profession in India & abroad         Understand the basic values and principles of Social Work profession         Understand the basic concepts relevant to Social Work profession         Understand the basic concepts relevant to Social Work profession         Create awareness about enlarging scope of Social Work profession         Familiarize with problems in various fields of Social Work         Acquire skills for working in different areas of Social Work         To understand the basic concepts in Social Case Work         To acquaint the students with the process of Social casework         To develop in students the necessary attitude and skills to practice Social case wor         To understand the scope of Group Work in social work intervention         To familiarize with group formation, group work process & evaluation         Develop skills and attitudes for participatory group work         Understand the elements of Community Organisation practice.         Develop skills and attitudes for participatory community work.
Short Name of the Prog Semester 1 2 3 4	e Programme ramme Course code BSW1 B01 BSW 2B 02 BSW 3B 03 BSW 3 B 04 BSW 4 B 05	Course Title Introduction to Social Work Fields of Social Work Introduction to Social Case Work Introduction to Social Group Work Introduction to Community Organisation and Social Action	CO No. CO1 CO2 CO3 CO3 CO1 CO2 CO3 CO1 CO2 CO3 CO1 CO2 CO3 CO1 CO2 CO3 CO1 CO2 CO3 CO1 CO2 CO3 CO1 CO2 CO3 CO1 CO2 CO3 CO1 CO2 CO3 CO1 CO2 CO3 CO1 CO2 CO3 CO1 CO2 CO3 CO1 CO2 CO3 CO1 CO2 CO3 CO1 CO2 CO3 CO1 CO2 CO3 CO2 CO3 CO1 CO2 CO3 CO2 CO2 CO3 CO2 CO3 CO3 CO2 CO3 CO3 CO2 CO3 CO2 CO3 CO3 CO3 CO3 CO3 CO3 CO3 CO3 CO3 CO3	BSW CCABSW COURSE OUTCOMES Understand the history of Social Work Profession in India & abroad Understand the basic values and principles of Social Work profession Understand the basic concepts relevant to Social Work profession Create awareness about enlarging scope of Social Work profession Familiarize with problems in various fields of Social Work Acquire skills for working in different areas of Social Work To understand the basic concepts in Social Case Work To acquaint the students with the process of Social work intervention To develop in students the necessary attitude and skills to practice Social case wor To understand the scope of Group Work in social work intervention To familiarize with group formation, group work process & evaluation Develop skills and attitudes for participatory group work Understand the elements of Community Organisation practice. Develop skills and attitudes for participatory community work.
Short Name of the Prog Semester 1 2 3 4	e Programme ramme Course code BSW1 B01 BSW 2B 02 BSW 3B 03 BSW 3 B 04 BSW 4 B 05	Course Title Introduction to Social Work Fields of Social Work Introduction to Social Case Work Introduction to Social Group Work Introduction to Community Organisation and Social Action	CO No. CO1 CO2 CO3 CO3 CO1 CO2 CO3 CO1 CO2 CO3 CO3 CO1 CO2 CO3 CO1 CO2 CO3 CO1 CO2 CO3 CO1 CO2 CO3 CO1 CO2 CO3 CO1 CO2 CO3 CO1 CO2 CO3 CO1 CO2 CO3 CO1 CO2 CO3 CO1 CO2 CO3 CO1 CO2 CO3 CO3 CO1 CO2 CO3 CO3 CO3 CO3 CO3 CO3 CO3 CO3 CO3 CO3	BSW         CCABSW         Understand the history of Social Work Profession in India & abroad         Understand the basic values and principles of Social Work profession         Understand the basic concepts relevant to Social Work profession         Understand the basic concepts relevant to Social Work profession         Familiarize with problems in various fields of Social Work         Acquire skills for working in different areas of Social Work         To understand the basic concepts in Social Case Work         To acquaint the students with the process of Social casework         To develop in students the necessary attitude and skills to practice Social case wor         To understand the scope of Group Work in social work intervention         To familiarize with group formation, group work process & evaluation         Develop skills and attitudes for participatory group work         Understand the elements of Community Organisation practice.         Develop skills and attitudes for participatory community work.
Short Name of the Prog Semester 1 2 3 4	e Programme ramme Course code BSW1 B01 BSW 2B 02 BSW 3B 03 BSW 3 B 04 BSW 4 B 05 BSW 5 B 07	Course Title Introduction to Social Work Fields of Social Work Introduction to Social Case Work Introduction to Social Group Work Introduction to Community Organisation and Social Action Introduction to Social	CO No. CO1 CO2 CO3 CO2 CO3 CO1 CO2 CO3 CO1 CO2 CO3 CO1 CO2 CO3 CO1 CO2 CO3 CO1 CO2 CO3 CO2 CO3 CO2 CO3 CO2 CO3 CO2 CO3 CO2 CO3 CO2 CO3 CO3 CO2 CO3 CO3 CO2 CO3 CO2 CO3 CO2 CO3 CO2 CO3 CO3 CO3 CO2 CO3 CO3 CO2 CO3 CO2 CO3 CO3 CO3 CO2 CO3 CO3 CO3 CO3 CO3 CO3 CO3 CO3 CO3 CO3	BSW         CCABSW         Understand the history of Social Work Profession in India & abroad         Understand the basic values and principles of Social Work profession         Understand the basic concepts relevant to Social Work profession         Understand the basic concepts relevant to Social Work profession         Create awareness about enlarging scope of Social Work profession         Familiarize with problems in various fields of Social Work         Acquire skills for working in different areas of Social Work         To understand the basic concepts in Social Case Work         To acquaint the students with the process of Social work intervention         To develop in students the necessary attitude and skills to practice Social case wor         To understand the scope of Group Work in social work intervention         To familiarize with group formation, group work process & evaluation         Develop skills and attitudes for participatory group work         Understand the elements of Community Organisation practice.         Develop skills and attitudes for participatory community work.         To study Voluntary Agency Administration         To study legal aspects of Social Work Administration
Short Name of the Prog Semester 1 2 3 4	e Programme ramme Course code BSW1 B01 BSW 2B 02 BSW 3B 03 BSW 3 B 04 BSW 4 B 05 BSW 5 B 07	Course Title Introduction to Social Work Fields of Social Work Introduction to Social Case Work Introduction to Social Group Work Introduction to Community Organisation and Social Action Introduction to Social Work Administration	CO No. CO1 CO2 CO3 CO3 CO1 CO2 CO3 CO3 CO3 CO3 CO3 CO3 CO3 CO3 CO3 CO3	BSW         CCABSW         Understand the history of Social Work Profession in India & abroad         Understand the basic values and principles of Social Work profession         Understand the basic concepts relevant to Social Work profession         Understand the basic concepts relevant to Social Work profession         Familiarize with problems in various fields of Social Work         Acquire skills for working in different areas of Social Work         To understand the basic concepts in Social Case Work         To acquaint the students with the process of Social Work in a social case work         To develop in students the necessary attitude and skills to practice Social case wor         To understand the scope of Group Work in social work intervention         To familiarize with group formation, group work process & evaluation         Develop skills and attitudes for participatory group work         Understand the elements of Community Organisation practice.         Develop skills and attitudes for participatory community work.         To study Voluntary Agency Administration         To study legal aspects of Social Work Administration         To create awareness about the various social welfare programmes implemented
Short Name of the Prog Semester 1 2 3 4	e Programme ramme Course code BSW1 B01 BSW 2B 02 BSW 3B 03 BSW 3 B 04 BSW 4 B 05 BSW 5 B 07	Course Title Introduction to Social Work Fields of Social Work Introduction to Social Case Work Introduction to Social Group Work Introduction to Community Organisation and Social Action Introduction to Social Work Administration	CO No. CO1 CO2 CO3 CO3 CO1 CO2 CO3 CO1 CO2 CO3 CO1 CO2 CO3 CO1 CO2 CO3 CO1 CO2 CO3 CO1 CO2 CO3 CO1 CO2 CO3 CO1 CO2 CO3 CO1 CO2 CO3 CO1 CO2 CO3 CO1 CO2 CO3 CO1 CO2 CO3 CO2 CO3 CO1 CO2 CO3 CO1 CO2 CO3 CO1 CO2 CO3 CO1 CO2 CO3 CO2 CO3 CO2 CO3 CO2 CO3 CO3 CO2 CO3 CO3 CO2 CO3 CO3 CO2 CO3 CO3 CO3 CO2 CO3 CO3 CO3 CO3 CO3 CO3 CO3 CO3 CO3 CO3	BSW         CCABSW         Understand the history of Social Work Profession in India & abroad         Understand the basic values and principles of Social Work profession         Understand the basic concepts relevant to Social Work profession         Understand the basic concepts relevant to Social Work profession         Familiarize with problems in various fields of Social Work         Acquire skills for working in different areas of Social Work         To understand the basic concepts in Social Case Work         To acquaint the students with the process of Social casework         To develop in students the necessary attitude and skills to practice Social case wor         To understand the scope of Group Work in social work intervention         To familiarize with group formation, group work process & evaluation         Develop skills and attitudes for participatory group work         Understand the elements of Community Organisation practice.         Develop skills and attitudes for participatory community work.         To study Voluntary Agency Administration         To create awareness about the various social welfare programmes implemented by Central & State Governments
Short Name of the Prog Semester 1 2 3 4	e Programme ramme Course code BSW1 B01 BSW 2B 02 BSW 3B 03 BSW 3 B 04 BSW 4 B 05 BSW 5 B 07	Course Title Introduction to Social Work Fields of Social Work Introduction to Social Case Work Introduction to Social Group Work Introduction to Community Organisation and Social Action Introduction to Social Work Administration Bural and Urban	CO No. CO1 CO2 CO3 CO3 CO1 CO2 CO3 CO1 CO2 CO3 CO1 CO2 CO3 CO3 CO1 CO2 CO3 CO3 CO1 CO2 CO3 CO3 CO1 CO2 CO3 CO3 CO3 CO1 CO2 CO3 CO3 CO2 CO3 CO3 CO2 CO3 CO3 CO2 CO3 CO3 CO3 CO3 CO3 CO3 CO3 CO3 CO3 CO3	BSW CCABSW COURSE Outcomes Understand the history of Social Work Profession in India & abroad Understand the basic values and principles of Social Work profession Understand the basic concepts relevant to Social Work profession Familiarize with problems in various fields of Social Work profession Familiarize with problems in various fields of Social Work Acquire skills for working in different areas of Social Work To understand the basic concepts in Social Case Work To acquaint the students with the process of Social Casework To develop in students the necessary attitude and skills to practice Social case wor To understand the scope of Group Work in social work intervention To familiarize with group formation, group work process & evaluation Develop skills and attitudes for participatory group work Understand the elements of Community Organisation practice. Develop skills and attitudes for participatory community work. To study Voluntary Agency Administration To study legal aspects of Social Work Administration To create awareness about the various social welfare programmes implemented by Central & State Governments
Short Name of the Prog Semester 1 2 3 4	e Programme         ramme         Course code         BSW1 B01         BSW 2B 02         BSW 3B 03         BSW 3 B 04         BSW 4 B 05         BSW 5 B 07         BSW 5 B 08	Course Title Introduction to Social Work Fields of Social Work Introduction to Social Case Work Introduction to Social Group Work Introduction to Community Organisation and Social Action Introduction to Social Work Administration Rural and Urban Community Development	CO No. CO1 CO2 CO3 CO3 CO1 CO2 CO3 CO1 CO2 CO3 CO3 CO1 CO2 CO3 CO1 CO2 CO3 CO3 CO1 CO2 CO3 CO2 CO3 CO3 CO1 CO2 CO3 CO3 CO1 CO2 CO3 CO3 CO1 CO2 CO3 CO3 CO1 CO2 CO3 CO3 CO3 CO3 CO3 CO2 CO3 CO3 CO2 CO3 CO3 CO2 CO3 CO3 CO2 CO3 CO3 CO2 CO3 CO3 CO3 CO3 CO3 CO3 CO3 CO3 CO3 CO3	BSW         CCABSW         Understand the history of Social Work Profession in India & abroad         Understand the basic values and principles of Social Work profession         Understand the basic concepts relevant to Social Work profession         Familiarize with problems in various fields of Social Work         Acquire skills for working in different areas of Social Work         To understand the basic concepts in Social Case Work         To acquaint the students with the process of Social casework         To develop in students the necessary attitude and skills to practice Social case wor         To understand the scope of Group Work in social work intervention         To familiarize with group formation, group work process & evaluation         Develop skills and attitudes for participatory group work         Understand the elements of Community Organisation practice.         Develop skills and attitudes for participatory community work.         To study Voluntary Agency Administration         To create awareness about the various social welfare programmes implemented by Central & State Governments
Short Name of the Prog Semester 1 2 3 4 5	e Programme ramme Course code BSW1 B01 BSW 2B 02 BSW 3B 03 BSW 3 B 04 BSW 4 B 05 BSW 5 B 07 BSW 5 B 08	Course Title Introduction to Social Work Fields of Social Work Introduction to Social Case Work Introduction to Social Community Organisation and Social Action Introduction to Social Work Administration Rural and Urban Community Development	CO No. CO1 CO2 CO3 CO2 CO3 CO2 CO3 CO2 CO3 CO2 CO3 CO2 CO3 CO2 CO3 CO2 CO3 CO2 CO3 CO2 CO3 CO2 CO3 CO3 CO2 CO3 CO3 CO3 CO2 CO3 CO3 CO3 CO3 CO3 CO3 CO3 CO3 CO3 CO3	BSW         CCABSW         Understand the history of Social Work Profession in India & abroad         Understand the basic values and principles of Social Work profession         Understand the basic concepts relevant to Social Work profession         Familiarize with problems in various fields of Social Work         Acquire skills for working in different areas of Social Work         To understand the basic concepts in Social Case Work         To acquaint the students with the process of Social casework         To develop in students the necessary attitude and skills to practice Social case wor         To understand the scope of Group Work in social work intervention         To familiarize with group formation, group work process & evaluation         Develop skills and attitudes for participatory group work         Understand the elements of Community Organisation practice.         Develop skills and attitudes for participatory community work.         To study Voluntary Agency Administration         To study Voluntary Agency Administration         To create awareness about the various social welfare programmes implemented by Central & State Governments
Short Name of the Code of the Prog Semester 1 2 3 4 4	e Programme ramme Course code BSW1 B01 BSW 2B 02 BSW 3B 03 BSW 3 B 04 BSW 4 B 05 BSW 4 B 05 BSW 5 B 07 BSW 5 B 08 BSW 5 B 09	Course Title Introduction to Social Work Fields of Social Work Introduction to Social Case Work Introduction to Social Group Work Introduction to Community Organisation and Social Action Introduction to Social Work Administration Rural and Urban Community Development Introduction to Social	CO No. CO1 CO2 CO3 CO1 CO2 CO3 CO1 CO2 CO3 CO1 CO2 CO3 CO1 CO2 CO3 CO1 CO2 CO3 CO1 CO2 CO3 CO4 CO1 CO2 CO3 CO4 CO1 CO2 CO3 CO3 CO1 CO2 CO3 CO3 CO1 CO2 CO3 CO3 CO3 CO3 CO3 CO3 CO3 CO3 CO3 CO3	BSW         CCABSW         Understand the history of Social Work Profession in India & abroad         Understand the basic values and principles of Social Work profession         Understand the basic concepts relevant to Social Work profession         Example: Create awareness about enlarging scope of Social Work profession         Familiarize with problems in various fields of Social Work         Acquire skills for working in different areas of Social Work         Acquire skills for working in different areas of Social Case Work         To acquaint the students with the process of Social casework         To develop in students the necessary attitude and skills to practice Social case wor         To understand the scope of Group Work in social work intervention         To familiarize with group formation, group work process & evaluation         Develop skills and attitudes for participatory group work         Understand the elements of Community Organisation practice.         Develop skills and attitudes for participatory community work.         To study Voluntary Agency Administration         To create awareness about the various social welfare programmes implemented by Central & State Governments         To develop a scientific approach for systematic procedure in social work research
Short Name of the Prog Semester 1 2 3 4 5	Programme         ramme         Course code         BSW1 B01         BSW2 B02         BSW3 B03         BSW3 B03         BSW3 B04         BSW3 B04         BSW5 B07         BSW5 B08         BSW5 B09	Course Title Introduction to Social Work Fields of Social Work Introduction to Social Case Work Introduction to Social Community Organisation and Social Action Introduction to Social Work Administration Rural and Urban Community Development Introduction to Social Work Research and	CO No. CO1 CO2 CO3 CO1 CO2 CO3 CO1 CO2 CO3 CO1 CO2 CO3 CO1 CO2 CO3 CO1 CO2 CO3 CO1 CO2 CO3 CO4 CO1 CO2 CO3 CO3 CO1 CO2 CO3 CO1 CO2 CO3 CO3 CO1 CO2 CO3 CO1 CO2 CO3 CO1 CO2 CO3 CO3 CO1 CO2 CO3 CO3 CO1 CO2 CO3 CO3 CO1 CO2 CO3 CO3 CO1 CO2 CO3 CO3 CO1 CO2 CO3 CO3 CO1 CO2 CO3 CO3 CO1 CO2 CO3 CO1 CO2 CO3 CO1 CO2 CO3 CO3 CO1 CO2 CO3 CO3 CO1 CO2 CO3 CO3 CO1 CO2 CO3 CO3 CO1 CO2 CO3 CO3 CO1 CO2 CO3 CO3 CO3 CO3 CO3 CO3 CO3 CO3 CO3 CO3	BSW         CCABSW         Course Outcomes         Understand the history of Social Work Profession in India & abroad         Understand the basic values and principles of Social Work profession         Understand the basic concepts relevant to Social Work profession         Familiarize with problems in various fields of Social Work         Acquire skills for working in different areas of Social Work         To understand the basic concepts in Social Case Work         To acquaint the students with the process of Social casework         To develop in students the necessary attitude and skills to practice Social case wor         To understand the scope of Group Work in social work intervention         To familiarize with group formation, group work process & evaluation         Develop skills and attitudes for participatory group work         Understand the elements of Community Organisation practice.         Develop skills and attitudes for participatory community work.         To study Voluntary Agency Administration         To create awareness about the various social welfare programmes implemented by Central & State Governments         To develop a scientific approach for systematic procedure in social work research
Short Name of the Prog Semester 1 2 3 4 5	Programme         ramme         Course code         BSW1 B01         BSW2 B 02         BSW3 B 03         BSW3 B 03         BSW3 B 04         BSW5 B 07         BSW5 B 08         BSW5 B 09	Course Title Introduction to Social Work Fields of Social Work Introduction to Social Case Work Introduction to Social Community Organisation and Social Action Introduction to Social Work Administration Rural and Urban Community Development Introduction to Social Work Research and	CO No. CO1 CO2 CO3 CO3 CO1 CO2 CO3 CO3 CO1 CO2 CO3 CO3 CO3 CO1 CO2 CO3 CO3 CO3 CO3 CO3 CO3 CO3 CO3 CO3 CO3	BSW         CCABSW         Course Outcomes         Understand the history of Social Work Profession in India & abroad         Understand the basic values and principles of Social Work profession         Understand the basic concepts relevant to Social Work profession         Familiarize with problems in various fields of Social Work         Acquire skills for working in different areas of Social Work         Acquire skills for working in different areas of Social Work         To understand the basic concepts in Social Case Work         To acquaint the students with the process of Social casework         To develop in students the necessary attitude and skills to practice Social case wor         To understand the scope of Group Work in social work intervention         To familiarize with group formation, group work process & evaluation         Develop skills and attitudes for participatory group work         Understand the elements of Community Organisation practice.         Develop skills and attitudes for participatory community work.         To study Voluntary Agency Administration         To create awareness about the various social welfare programmes implemented by Central & State Governments         To develop a scientific approach for systematic procedure in social work research         To familiarize with various statistical techniques for analyzing data         To create insight about the basic concepts of Gandhi & his views on
Short Name of the Prog Semester 1 2 3 4 5	He Programme         ramme         Course code         BSW1 B01         BSW 2B 02         BSW 3B 03         BSW 3B 03         BSW 3B 03         BSW 3B 03         BSW 5 B 07         BSW 5 B 09         BSW 5 B 10	Course Title Introduction to Social Work Fields of Social Work Introduction to Social Case Work Introduction to Social Community Organisation and Social Action Introduction to Social Work Administration Rural and Urban Community Development Introduction to Social Work Research and Gandhian Philosophy and	CO No. CO1 CO2 CO3 CO1 CO2 CO3 CO1 CO2 CO3 CO1 CO2 CO3 CO1 CO2 CO3 CO1 CO2 CO3 CO1 CO2 CO3 CO4 CO1 CO2 CO3 CO4 CO1 CO2 CO3 CO1 CO2 CO3 CO1 CO2 CO3 CO1 CO2 CO3 CO1 CO2 CO3 CO1 CO2 CO3 CO1 CO2 CO3 CO1 CO2 CO3 CO1 CO2 CO3 CO1 CO2 CO3 CO1 CO2 CO3 CO1 CO2 CO3 CO3 CO1 CO2 CO3 CO3 CO1 CO2 CO3 CO1 CO2 CO3 CO3 CO1 CO2 CO3 CO3 CO1 CO2 CO3 CO3 CO1 CO2 CO3 CO3 CO1 CO2 CO3 CO3 CO1 CO2 CO3 CO3 CO1 CO2 CO3 CO3 CO2 CO3 CO3 CO3 CO1 CO2 CO3 CO3 CO1 CO2 CO3 CO3 CO1 CO2 CO3 CO3 CO1 CO2 CO3 CO3 CO3 CO1 CO2 CO3 CO3 CO3 CO3 CO3 CO3 CO3 CO3 CO3 CO3	BSW CCABSW Course Outcomes Understand the history of Social Work Profession in India & abroad Understand the basic values and principles of Social Work profession Understand the basic concepts relevant to Social Work profession Familiarize with problems in various fields of Social Work Profession Familiarize with problems in various fields of Social Work Course Sulls for working in different areas of Social Work To acquaint the students with the process of Social casework To develop in students the necessary attitude and skills to practice Social case wor To understand the scope of Group Work in social work intervention To familiarize with group formation, group work process & evaluation Develop skills and attitudes for participatory group work Understand the elements of Community Organisation practice. Develop skills and attitudes for participatory community work. To study Voluntary Agency Administration To study legal aspects of Social Work Administration To create awareness about the various social welfare programmes implemented by Central & State Governments To develop a scientific approach for systematic procedure in social work research To familiarize with various statistical techniques for analyzing data To create insight about the basic concepts of Gandhi & his views on society,development, industrialization, economics &education
Short Name of the Prog Semester 1 2 3 4 5	Programme           ramme           Course code           BSW1 B01           BSW2 B 02           BSW3 B 03           BSW5 B 03           BSW5 B 07           BSW5 B 08           BSW5 B 09           BSW5 B 10	Course Title Introduction to Social Work Fields of Social Work Introduction to Social Case Work Introduction to Social Community Organisation and Social Action Introduction to Social Work Administration Rural and Urban Community Development Introduction to Social Work Research and Gandhian Philosophy and Social Work	CO No. CO1 CO2 CO3 CO3 CO1 CO2 CO3 CO3 CO3 CO1 CO2 CO3 CO3 CO1 CO2 CO3 CO3 CO3 CO1 CO2 CO3 CO3 CO1 CO2 CO3 CO3 CO3 CO1 CO2 CO3 CO3 CO1 CO2 CO3 CO3 CO3 CO1 CO2 CO3 CO3 CO3 CO1 CO2 CO3 CO3 CO3 CO3 CO3 CO3 CO3 CO3 CO3 CO3	BSW         CCABSW         Understand the history of Social Work Profession in India & abroad         Understand the basic values and principles of Social Work profession         Understand the basic concepts relevant to Social Work profession         Example: Create awareness about enlarging scope of Social Work profession         Familiarize with problems in various fields of Social Work         Acquire skills for working in different areas of Social Work         To understand the basic concepts in Social Case Work         To acquaint the students with the process of Social casework         To develop in students the necessary attitude and skills to practice Social case wor         To understand the scope of Group Work in social work intervention         To familiarize with group formation, group work process & evaluation         Develop skills and attitudes for participatory group work         Understand the elements of Community Organisation practice.         Develop skills and attitudes for participatory community work.         To study Voluntary Agency Administration         To create awareness about the various social welfare programmes implemented by Central & State Governments         To develop a scientific approach for systematic procedure in social work research         To familiarize with various statistical techniques for analyzing data         To create insight about the basic concepts of Gandhi & his views on society, development, industrialization, econo
Short Name of the Prog Semester 1 2 3 4 5	Programme         ramme         Course code         BSW1 B01         BSW 2B 02         BSW 3B 03         BSW 3B 03         BSW 3 B 04         BSW 5 B 07         BSW 5 B 08         BSW 5 B 09         BSW 5 B 10	Course Title Introduction to Social Work Fields of Social Work Introduction to Social Case Work Introduction to Social Community Organisation and Social Action Introduction to Social Work Administration Rural and Urban Community Development Introduction to Social Work Research and Gandhian Philosophy and Social Work	CO No. CO1 CO2 CO3 CO3 CO1 CO2 CO3 CO3 CO1 CO2 CO3 CO3 CO1 CO2 CO3 CO3 CO1 CO2 CO3 CO3 CO1 CO2 CO3 CO3 CO1 CO2 CO3 CO3 CO1 CO2 CO3 CO3 CO1 CO2 CO3 CO3 CO1 CO2 CO3 CO3 CO1 CO2 CO3 CO3 CO3 CO1 CO2 CO3 CO3 CO3 CO3 CO3 CO3 CO3 CO3 CO3 CO3	BSW         CCABSW         Understand the history of Social Work Profession in India & abroad         Understand the basic values and principles of Social Work profession         Understand the basic concepts relevant to Social Work profession         Familiarize with problems in various fields of Social Work         Acquire skills for working in different areas of Social Work         To understand the basic concepts in Social Case Work         To acquaint the students with the process of Social casework         To develop in students the necessary attitude and skills to practice Social case wor         To understand the scope of Group Work in social work intervention         To familiarize with group formation, group work process & evaluation         Develop skills and attitudes for participatory group work         Understand the elements of Community Organisation practice.         Develop skills and attitudes for participatory community work.         To study Voluntary Agency Administration         To create awareness about the various social welfare programmes implemented by Central & State Governments         To develop a scientific approach for systematic procedure in social work research         To familiarize with various statistical techniques for analyzing data         To create insight about the basic concepts of Gandhi & his views on society, development, industrialization, economics & education         To know the relevance of Gandhian philosophy & applicatio
Short Name of the Prog Semester 1 2 3 4 5	Programme         ramme         Course code         BSW1 B01         BSW 2B 02         BSW 3B 03         BSW 3B 03         BSW 3 B 04         BSW 5 B 07         BSW 5 B 08         BSW 5 B 10	Course Title Introduction to Social Work Fields of Social Work Introduction to Social Case Work Introduction to Social Community Organisation and Social Action Introduction to Social Work Administration Rural and Urban Community Development Introduction to Social Work Research and Gandhian Philosophy and Social Work Project Planning and	CO No. CO1 CO2 CO3 CO1 CO2 CO3 CO1 CO2 CO3 CO1 CO2 CO3 CO1 CO2 CO3 CO1 CO2 CO3 CO1 CO2 CO3 CO1 CO2 CO3 CO1 CO2 CO3 CO1 CO2 CO3 CO1 CO2 CO3 CO1 CO2 CO3 CO1 CO2 CO3 CO1 CO2 CO3 CO1 CO2 CO3 CO1 CO2 CO3 CO3 CO1 CO2 CO3 CO3 CO1 CO2 CO3 CO3 CO1 CO2 CO3 CO3 CO1 CO2 CO3 CO3 CO1 CO2 CO3 CO3 CO1 CO2 CO3 CO3 CO3 CO1 CO2 CO3 CO3 CO3 CO1 CO2 CO3 CO3 CO3 CO3 CO3 CO3 CO1 CO2 CO3 CO3 CO3 CO3 CO3 CO3 CO3 CO3 CO3 CO3	BSW         CCABSW         Understand the history of Social Work Profession in India & abroad         Understand the basic values and principles of Social Work profession         Understand the basic concepts relevant to Social Work profession         Familiarize with problems in various fields of Social Work         Acquire skills for working in different areas of Social Work         To understand the basic concepts in Social Case Work         To acquaint the students with the process of Social casework         To develop in students the necessary attitude and skills to practice Social case word         To understand the scope of Group Work in social work intervention         To familiarize with group formation, group work process & evaluation         Develop skills and attitudes for participatory group work         Understand the elements of Community Organisation practice.         Develop skills and attitudes for participatory community work.         To study Voluntary Agency Administration         To create awareness about the various social welfare programmes implemented         by Central & State Governments         To develop a scientific approach for systematic procedure in social work research         To familiarize with various statistical techniques for analyzing data         To create insight about the basic concepts of Gandhi & his views on society, development, industrialization, economics & education         To know the relevance

Work

Legal Information for

Social Workers

Community Health and

Health Care Services

BSW 6 B 11

BSW 6 B 12

CO3

CO1

CO2

CO1

CO2

CO3

evaluation of projects for social work intervention

To equip the students to write independent project proposals

To understand the concept of health & its various perspectives

To provide an overview of social legislation and familiarize students with

To familiarize with various health problems & its impact on communities

To develop skills for planning and implementing community health programmes

To educate the students about the existing judicial system & itsfunctioning

	BSW 6 B 13		CO4	To study role of social workers in community health programmes
		Elective 1. Gender and	CO1	To understand key concepts, issues in gender and development
		Development in Social	CO2	To give awareness about reciprocal relationship between women & men in society
	BSW 6 B 16	Work	CO3	To create awareness about the magnitude of gender disparities in the present
		Elective 2. Social	CO1	To develop a meaningful understanding about past & present social movements
		Movements and Social	CO2	To equip students to examine social realities from different perspectives
	BSW 6 B 17	Development	CO3	To familiarize with the contemporary discourse on social movements & social
		Flasting 2. Casial Wark	CO1	To understand the concepts of aging, geriatric care and Social Work
		Elective 3. Social Work	CO2	To understand the problems faced by aged.
	BSW 6 B 18	with elderly	CO3	To study the role of Social Work interventions in caring for the Aged
6			CO1	Understanding that society can be studied scientifically
		Complimentary 1.	<b>CO</b> 3	Recognises some contributions of the social sciences in understanding
		Principles of Sociology	02	contemporary social realities
	SGY1 (2) C01		CO3	Developing a sociological perspective on current issues
		Complimentary 2	CO1	Getting acquaintance with the sociological perspective for understanding the
		Sociology of Indian society	CO2	Understanding nature of various social institutions in Indian Society
	SGY3 (4) C02		CO3	Gaining exposure to sociological perspectives on contemporary social issues
			CO1	To generate interest in Psychology
			CO2	To familiarize the students with the concepts of basic psychological processes
		Complimentary 3.	CO3	To understand the basics of various theories in Psychology
		Psychological Processes	CO4	To provide basic knowledge about systems and processes like attention, learning
			CO5	To provide basic knowledge about systems and processes like cognition,
	PSY1C05			intelligence and personality
			01	To study numan development in Psychological Perspectives
		Complimentary A. Lifernan	CO2	To create awareness about major Psychological changes along with physical and
		Complimentary 4. Lifespan	602	cognitive development
		Development and Health	03	To study emotional, social development and adjustments of life span periods.
		Psychology	CO4	no understand the Psychological, benavioral and cultural factors contributing to
	DEV2COE		COF	To study the management of different illnesses
Name of th	e Programn	10	005	Bacholor of Arts English Literature
Short Name of th	e Programme			B A English Literature
Code of the Prog	ramme			CCAEGR
Semester	Course code	Course Title	CO No:	Course Outcomes
			C01	To introduce students to the language of literature, i.e., the meaning-making
		INTRODUCING LITERATURE	CO2	To train the students to identify the linguistic structures of poetic texts: symbols.
	ENG1B01		CO3	To recognize diverse points of view within a single text and to understand the
1			CO4	d. To prepare students in reading literary/cultural texts closely, beyond the literal
			CO5	To enable students to recognize the dominant voice/s within the text and its
			CO6	To encourage questioning the text in order to perceive marginalized voices - the
				To encourage questioning the text in order to perceive marginalized voices - the
			C07	To comprehend how the subaltern perspectives question and counter the
			CO7 CO1	To comprehend how the subaltern perspectives question and counter the To introduce the students to the basic elements of poetry, including the stylistic
2	ENG2B02	APPRECIATING POETRY	CO7 CO1 CO2	To comprehend how the subaltern perspectives question and counter the To introduce the students to the basic elements of poetry, including the stylistic To facilitate students to attain various perspective in reading poetry like gender,
2	ENG2B02	APPRECIATING POETRY	CO7 CO1 CO2 CO3	To comprehend how the subaltern perspectives question and counter the To introduce the students to the basic elements of poetry, including the stylistic To facilitate students to attain various perspective in reading poetry like gender, To familiarize the learners with different forms of poetry written in British and
2	ENG2B02	APPRECIATING POETRY	CO7 CO1 CO2 CO3 CO4	To comprehend how the subaltern perspectives question and counter the To introduce the students to the basic elements of poetry, including the stylistic To facilitate students to attain various perspective in reading poetry like gender, To familiarize the learners with different forms of poetry written in British and To create an awareness among the learners about different forms and themes of
2	ENG2B02	APPRECIATING POETRY	CO7 CO1 CO2 CO3 CO4 CO1	To encourage questioning the text in order to perceive maginalized voices - the To comprehend how the subaltern perspectives question and counter the To introduce the students to the basic elements of poetry, including the stylistic To facilitate students to attain various perspective in reading poetry like gender, To familiarize the learners with different forms of poetry written in British and To create an awareness among the learners about different forms and themes of To familiarize the students with different types of prose writing.
2	ENG2B02 ENG3B03	APPRECIATING POETRY	CO7 CO1 CO2 CO3 CO4 CO1 CO2	To comprehend how the subaltern perspectives question and counter the To comprehend how the subaltern perspectives question and counter the To introduce the students to the basic elements of poetry, including the stylistic To facilitate students to attain various perspective in reading poetry like gender, To familiarize the learners with different forms of poetry written in British and To create an awareness among the learners about different forms and themes of To familiarize the students with different types of prose writing. To introduce to them the basic concepts of style and literary devices in prose.
2	ENG2B02 ENG3B03	APPRECIATING POETRY APPRECIATING PROSE	C07 C01 C02 C03 C04 C01 C02 C02 C03	To comprehend how the subaltern perspectives question and counter the To comprehend how the subaltern perspectives question and counter the To introduce the students to the basic elements of poetry, including the stylistic To facilitate students to attain various perspective in reading poetry like gender, To familiarize the learners with different forms of poetry written in British and To create an awareness among the learners about different forms and themes of To familiarize the students with different types of prose writing. To introduce to them the basic concepts of style and literary devices in prose. To acquaint them with cultural diversity and divergence in perspectives.
2	ENG2B02 ENG3B03	APPRECIATING POETRY	CO7 CO1 CO2 CO3 CO4 CO1 CO2 CO3 CO4	To comprehend how the subaltern perspectives question and counter the To introduce the students to the basic elements of poetry, including the stylistic To facilitate students to attain various perspective in reading poetry like gender, To familiarize the learners with different forms of poetry written in British and To create an awareness among the learners about different forms and themes of To familiarize the students with different types of prose writing. To introduce to them the basic concepts of style and literary devices in prose. To acquaint them with cultural diversity and divergence in perspectives. To develop their critical thinking abilities and write creatively and critically.
2	ENG2B02 ENG3B03	APPRECIATING POETRY APPRECIATING PROSE	CO7 CO1 CO2 CO3 CO4 CO1 CO2 CO3 CO4 CO1 CO2	To comprehend how the subaltern perspectives question and counter the To introduce the students to the basic elements of poetry, including the stylistic To facilitate students to attain various perspective in reading poetry like gender, To familiarize the learners with different forms of poetry written in British and To create an awareness among the learners about different forms and themes of To familiarize the students with different types of prose writing. To introduce to them the basic concepts of style and literary devices in prose. To acquaint them with cultural diversity and divergence in perspectives. To develop their critical thinking abilities and write creatively and critically. To familiarize the students with the key concepts of English grammar and to use
2	ENG2B02 ENG3B03	APPRECIATING POETRY APPRECIATING PROSE ENGLISH GRAMMAR AND	CO7 CO1 CO2 CO3 CO4 CO1 CO2 CO3 CO4 CO1 CO2 CO2	To comprehend how the subaltern perspectives question and counter the To comprehend how the subaltern perspectives question and counter the To introduce the students to the basic elements of poetry, including the stylistic To facilitate students to attain various perspective in reading poetry like gender, To familiarize the learners with different forms of poetry written in British and To create an awareness among the learners about different forms and themes of To familiarize the students with different types of prose writing. To introduce to them the basic concepts of style and literary devices in prose. To acquaint them with cultural diversity and divergence in perspectives. To develop their critical thinking abilities and write creatively and critically. To familiarize the students with the key concepts of English grammar and to use To help students towards a better language use through the understanding of the To help the cudents develop
2 3 3	ENG2B02 ENG3B03 ENG3B04	APPRECIATING POETRY APPRECIATING PROSE ENGLISH GRAMMAR AND USAGE	CO7 CO1 CO2 CO3 CO4 CO1 CO2 CO3 CO4 CO1 CO2 CO3 CO4	To entourage questorming the text more to perceive marginalized voices the To comprehend how the subaltern perspectives question and counter the To introduce the students to the basic elements of poetry, including the stylistic To facilitate students to attain various perspective in reading poetry like gender, To familiarize the learners with different forms of poetry written in British and To create an awareness among the learners about different forms and themes of To familiarize the students with different types of prose writing. To introduce to them the basic concepts of style and literary devices in prose. To acquaint them with cultural diversity and divergence in perspectives. To develop their critical thinking abilities and write creatively and critically. To familiarize the students with the key concepts of English grammar and to use To help students towards a better language use through the understanding of the To help the students develop a sense of English grammar, idioms, syntax, To develop the logical and analytical skills in the use of language for
2 3 3	ENG2B02 ENG3B03 ENG3B04	APPRECIATING POETRY APPRECIATING PROSE ENGLISH GRAMMAR AND USAGE	CO7 CO1 CO2 CO3 CO4 CO1 CO2 CO3 CO4 CO1 CO2 CO3 CO4 CO3 CO4 CO5	To comprehend how the subaltern perspectives question and counter the To comprehend how the subaltern perspectives question and counter the To introduce the students to the basic elements of poetry, including the stylistic To facilitate students to attain various perspective in reading poetry like gender, To familiarize the learners with different forms of poetry written in British and To create an awareness among the learners about different forms and themes of To familiarize the students with different types of prose writing. To introduce to them the basic concepts of style and literary devices in prose. To acquaint them with cultural diversity and divergence in perspectives. To develop their critical thinking abilities and write creatively and critically. To familiarize the students with the key concepts of English grammar and to use To help students towards a better language use through the understanding of the To help the students with contemporary English grammar, idioms, syntax, To develop the logical and analytical skills in the use of language for To familiarize the students with contemporary English users
2 3 3	ENG2B02 ENG3B03 ENG3B04	APPRECIATING POETRY APPRECIATING PROSE ENGLISH GRAMMAR AND USAGE	CO7 CO1 CO2 CO3 CO4 CO1 CO2 CO3 CO4 CO1 CO2 CO3 CO4 CO3 CO4 CO5 CO1	To comprehend how the subaltern perspectives question and counter the To comprehend how the subaltern perspectives question and counter the To introduce the students to the basic elements of poetry, including the stylistic To facilitate students to attain various perspective in reading poetry like gender, To familiarize the learners with different forms of poetry written in British and To create an awareness among the learners about different forms and themes of To familiarize the students with different types of prose writing. To introduce to them the basic concepts of style and literary devices in prose. To acquaint them with cultural diversity and divergence in perspectives. To develop their critical thinking abilities and write creatively and critically. To familiarize the students with the key concepts of English grammar and to use To help students towards a better language use through the understanding of the To help the students with contemporary English grammar, idioms, syntax, To develop the logical and analytical skills in the use of language for To familiarize students with contemporary English usage To help students discover the pleasures in reading fiction
2 3 3 4	ENG2B02 ENG3B03 ENG3B04 ENG4B05	APPRECIATING POETRY APPRECIATING PROSE ENGLISH GRAMMAR AND USAGE	CO7 CO1 CO2 CO3 CO4 CO1 CO2 CO3 CO4 CO1 CO2 CO3 CO4 CO5 CO1 CO2	To entourage questorming the text more to perceive marginalized voices - the To comprehend how the subaltern perspectives question and counter the To introduce the students to the basic elements of poetry, including the stylistic To facilitate students to attain various perspective in reading poetry like gender, To familiarize the learners with different forms of poetry written in British and To create an awareness among the learners about different forms and themes of To familiarize the students with different types of prose writing. To introduce to them the basic concepts of style and literary devices in prose. To acquaint them with cultural diversity and divergence in perspectives. To develop their critical thinking abilities and write creatively and critically. To familiarize the students with the key concepts of English grammar and to use To help students develop a sense of English grammar, idioms, syntax, To develop the logical and analytical skills in the use of language for To familiarize students with contemporary English usage To help students discover the pleasures in reading fiction. To paid students discover the pleasures in reading fiction.
2 3 3 4	ENG2B02 ENG3B03 ENG3B04 ENG4B05	APPRECIATING POETRY APPRECIATING PROSE ENGLISH GRAMMAR AND USAGE APPRECIATING FICTION	CO7 CO1 CO2 CO3 CO4 CO1 CO2 CO3 CO4 CO1 CO2 CO3 CO4 CO5 CO1 CO2 CO1 CO2 CO3	To encourage questioning the text in order to perceive marginalized voices - the To comprehend how the subaltern perspectives question and counter the To introduce the students to the basic elements of poetry, including the stylistic To facilitate students to attain various perspective in reading poetry like gender, To familiarize the learners with different forms of poetry written in British and To create an awareness among the learners about different forms and themes of To familiarize the students with different types of prose writing. To introduce to them the basic concepts of style and literary devices in prose. To acquaint them with cultural diversity and divergence in perspectives. To develop their critical thinking abilities and write creatively and critically. To familiarize the students with the key concepts of English grammar and to use To help students towards a better language use through the understanding of the To help the students develop a sense of English grammar, idioms, syntax, To develop the logical and analytical skills in the use of language for To familiarize students discover the pleasures in reading fiction. To aid students discover the pleasures in reading fiction. To aid students gain an insight into the human condition and the complexities of To acquaint the students with different types of fiction and analyze them.
2 3 3 4	ENG2B02 ENG3B03 ENG3B04 ENG4B05	APPRECIATING POETRY APPRECIATING PROSE ENGLISH GRAMMAR AND USAGE APPRECIATING FICTION	CO7 CO1 CO2 CO3 CO4 CO1 CO2 CO3 CO4 CO1 CO2 CO3 CO4 CO5 CO1 CO2 CO3 CO1	To encourage questorning the text in order to perceive marginalized voices - the To comprehend how the subaltern perspectives question and counter the To introduce the students to the basic elements of poetry, including the stylistic To facilitate students to attain various perspective in reading poetry like gender, To familiarize the learners with different forms of poetry written in British and To create an awareness among the learners about different forms and themes of To familiarize the students with different types of prose writing. To introduce to them the basic concepts of style and literary devices in prose. To acquaint them with cultural diversity and divergence in perspectives. To develop their critical thinking abilities and write creatively and critically. To familiarize the students with the key concepts of English grammar and to use To help students towards a better language use through the understanding of the To help the students develop a sense of English grammar, idioms, syntax, To develop the logical and analytical skills in the use of language for To familiarize students with contemporary English usage To help students discover the pleasures in reading fiction. To aid students gain an insight into the human condition and the complexities of To acquaint the students with different types of fiction and analyze them. To have an understanding of important texts and movements in the history of
2 3 3 4	ENG2B02 ENG3B03 ENG3B04 ENG4B05	APPRECIATING POETRY APPRECIATING PROSE ENGLISH GRAMMAR AND USAGE APPRECIATING FICTION	CO7 CO1 CO2 CO3 CO4 CO1 CO2 CO3 CO4 CO1 CO2 CO3 CO4 CO5 CO1 CO2 CO3 CO1 CO2 CO3 CO1 CO2	To comprehend how the subaltern perspectives question and counter the To comprehend how the subaltern perspectives question and counter the To introduce the students to the basic elements of poetry, including the stylistic To facilitate students to attain various perspective in reading poetry like gender, To familiarize the learners with different forms of poetry written in British and To create an awareness among the learners about different forms and themes of To familiarize the students with different types of prose writing. To introduce to them the basic concepts of style and literary devices in prose. To acquaint them with cultural diversity and divergence in perspectives. To develop their critical thinking abilities and write creatively and critically. To familiarize the students with the key concepts of English grammar and to use To help students towards a better language use through the understanding of the To help the students develop a sense of English grammar, idioms, syntax, To develop the logical and analytical skills in the use of language for To familiarize students with contemporary English usage To help students discover the pleasures in reading fiction. To aid students gain an insight into the human condition and the complexities of To acquaint the students with different types of fiction and analyze them. To have an understanding of important texts and movements in the history of To examine how literary criticiism shapes literature and culture across centuries.
2 3 3 4 4	ENG2B02 ENG3B03 ENG3B04 ENG4B05 ENG4B06	APPRECIATING POETRY APPRECIATING PROSE ENGLISH GRAMMAR AND USAGE APPRECIATING FICTION LITERARY CRITICISM	CO7 CO1 CO2 CO3 CO4 CO1 CO2 CO3 CO4 CO1 CO2 CO3 CO4 CO5 CO1 CO2 CO3 CO1 CO2 CO3 CO1 CO2 CO3 CO1 CO2 CO3 CO1 CO2 CO3 CO3 CO4 CO2 CO3 CO3 CO4 CO4 CO2 CO3 CO4 CO4 CO2 CO3 CO4 CO4 CO2 CO3 CO4 CO4 CO1 CO2 CO3 CO4 CO2 CO3 CO4 CO4 CO2 CO3 CO4 CO2 CO3 CO4 CO2 CO3 CO4 CO2 CO3 CO4 CO2 CO3 CO4 CO2 CO3 CO4 CO2 CO3 CO4 CO2 CO3 CO4 CO2 CO3 CO4 CO1 CO2 CO3 CO4 CO1 CO2 CO3 CO4 CO1 CO2 CO3 CO4 CO1 CO2 CO3 CO4 CO1 CO2 CO3 CO4 CO1 CO2 CO3 CO4 CO1 CO2 CO3 CO4 CO1 CO2 CO3 CO4 CO1 CO2 CO3 CO4 CO1 CO2 CO3 CO4 CO1 CO2 CO3 CO4 CO2 CO3 CO4 CO2 CO3 CO4 CO3 CO4 CO3 CO4 CO3 CO4 CO3 CO4 CO3 CO4 CO3 CO4 CO3 CO4 CO3 CO4 CO3 CO4 CO3 CO4 CO3 CO3 CO4 CO3 CO4 CO3 CO4 CO3 CO4 CO3 CO3 CO4 CO3 CO3 CO4 CO3 CO2 CO3 CO3 CO4 CO3 CO3 CO3 CO3 CO3 CO3 CO3 CO3 CO3 CO3	To comprehend how the subaltern perspectives question and counter the To comprehend how the subaltern perspectives question and counter the To introduce the students to the basic elements of poetry, including the stylistic To facilitate students to attain various perspective in reading poetry like gender, To familiarize the learners with different forms of poetry written in British and To create an awareness among the learners about different forms and themes of To familiarize the students with different types of prose writing. To introduce to them the basic concepts of style and literary devices in prose. To acquaint them with cultural diversity and divergence in perspectives. To develop their critical thinking abilities and write creatively and critically. To familiarize the students with the key concepts of English grammar and to use To help students towards a better language use through the understanding of the To help the students develop a sense of English grammar, idioms, syntax, To develop the logical and analytical skills in the use of language for To familiarize students with contemporary English usage To help students discover the pleasures in reading fiction. To aid students gain an insight into the human condition and the complexities of To acquaint the students with different types of fiction and analyze them. To have an understanding of important texts and movements in the history of To ecognize and critique the major arguments underlying critical writings.
2 3 3 4 4	ENG2B02 ENG3B03 ENG3B04 ENG4B05 ENG4B06	APPRECIATING POETRY APPRECIATING PROSE ENGLISH GRAMMAR AND USAGE APPRECIATING FICTION LITERARY CRITICISM	CO7 CO1 CO2 CO3 CO4 CO1 CO2 CO3 CO4 CO1 CO2 CO3 CO4 CO5 CO1 CO2 CO3 CO1 CO2 CO3 CO1 CO2 CO3 CO1 CO2 CO3 CO1 CO2 CO3 CO4 CO2 CO3 CO4 CO4 CO5 CO4 CO4 CO5 CO4 CO4 CO5 CO4 CO5 CO4 CO5 CO5 CO4 CO5 CO5 CO5 CO5 CO5 CO5 CO5 CO5 CO5 CO5	To encourage questioning the text more to perceive marginalized voices - the To comprehend how the subaltern perspectives question and counter the To introduce the students to the basic elements of poetry, including the stylistic To facilitate students to attain various perspective in reading poetry like gender, To familiarize the learners with different forms of poetry written in British and To create an awareness among the learners about different forms and themes of To familiarize the students with different types of prose writing. To introduce to them the basic concepts of style and literary devices in prose. To acquaint them with cultural diversity and divergence in perspectives. To develop their critical thinking abilities and write creatively and critically. To familiarize the students with the key concepts of English grammar and to use To help students towards a better language use through the understanding of the To help the students develop a sense of English grammar, idioms, syntax, To develop the logical and analytical skills in the use of language for To familiarize students with contemporary English usage To help students discover the pleasures in reading fiction. To aid students gain an insight into the human condition and the complexities of To acquaint the students with different types of fiction and analyze them. To have an understanding of important texts and movements in the history of To examine how literary criticism shapes literature and culture across centuries. To recognize and critique the major arguments underlying critical writings. To relate critical perspectives to the history of eastern and western ideas.
2 3 3 4 4	ENG2B02 ENG3B03 ENG3B04 ENG4B05 ENG4B06	APPRECIATING POETRY APPRECIATING PROSE ENGLISH GRAMMAR AND USAGE APPRECIATING FICTION LITERARY CRITICISM	CO7 CO1 CO2 CO3 CO4 CO1 CO2 CO3 CO4 CO1 CO2 CO3 CO4 CO5 CO1 CO2 CO3 CO1 CO2 CO3 CO1 CO2 CO3 CO1 CO2 CO3 CO1 CO2 CO3 CO4 CO2 CO3 CO4 CO5 CO4 CO5 CO4 CO5 CO4 CO5 CO5 CO4 CO5 CO5 CO5 CO5 CO5 CO5 CO5 CO5 CO5 CO5	To encourage questioning the text more to perceive marginalized voices - the To comprehend how the subaltern perspectives question and counter the To introduce the students to the basic elements of poetry, including the stylistic To facilitate students to attain various perspective in reading poetry like gender, To familiarize the learners with different forms of poetry written in British and To create an awareness among the learners about different forms and themes of To familiarize the students with different types of prose writing. To introduce to them the basic concepts of style and literary devices in prose. To acquaint them with cultural diversity and divergence in perspectives. To develop their critical thinking abilities and write creatively and critically. To familiarize the students with the key concepts of English grammar and to use To help students towards a better language use through the understanding of the To help the students develop a sense of English grammar, idioms, syntax, To develop the logical and analytical skills in the use of language for To familiarize students with contemporary English usage To help students discover the pleasures in reading fiction. To aid students gain an insight into the human condition and the complexities of To acquaint the students with different types of fiction and analyze them. To have an understanding of important texts and movements in the history of To examine how literary criticism shapes literature and culture across centuries. To relate critical perspectives to the history of eastern and western ideas. To introduce the students to the basic elements of drama, including the historical
2 3 3 4 4	ENG2B02 ENG3B03 ENG3B04 ENG4B05 ENG4B06	APPRECIATING POETRY APPRECIATING PROSE ENGLISH GRAMMAR AND USAGE APPRECIATING FICTION LITERARY CRITICISM APPRECIATING DRAMA	CO7 CO1 CO2 CO3 CO4 CO1 CO2 CO3 CO4 CO1 CO2 CO3 CO4 CO5 CO1 CO2 CO3 CO1 CO2 CO3 CO1 CO2 CO3 CO1 CO2 CO3 CO1 CO2 CO3 CO1 CO2 CO3 CO4 CO2 CO3 CO4 CO2 CO3 CO4 CO4 CO1 CO2 CO3 CO4 CO4 CO1 CO2 CO3 CO4 CO4 CO1 CO2 CO3 CO4 CO4 CO1 CO2 CO3 CO4 CO4 CO1 CO2 CO3 CO4 CO4 CO1 CO2 CO3 CO4 CO4 CO1 CO2 CO3 CO4 CO4 CO1 CO2 CO3 CO4 CO4 CO1 CO2 CO3 CO4 CO4 CO1 CO2 CO3 CO4 CO1 CO2 CO3 CO4 CO1 CO2 CO3 CO4 CO1 CO2 CO3 CO4 CO1 CO2 CO3 CO4 CO1 CO2 CO3 CO4 CO3 CO4 CO1 CO2 CO3 CO4 CO2 CO3 CO4 CO3 CO4 CO3 CO4 CO3 CO4 CO3 CO4 CO3 CO4 CO3 CO4 CO3 CO4 CO3 CO4 CO3 CO4 CO5 CO3 CO4 CO5 CO3 CO4 CO5 CO3 CO4 CO5 CO3 CO4 CO5 CO3 CO4 CO5 CO3 CO4 CO3 CO4 CO5 CO3 CO4 CO2 CO3 CO4 CO3 CO4 CO2 CO3 CO4 CO3 CO4 CO3 CO4 CO3 CO4 CO3 CO4 CO2 CO3 CO4 CO3 CO4 CO3 CO4 CO3 CO4 CO3 CO4 CO3 CO3 CO4 CO3 CO4 CO2 CO3 CO4 CO2 CO3 CO3 CO4 CO3 CO4 CO2 CO3 CO4 CO2 CO3 CO3 CO4 CO2 CO3 CO3 CO4 CO2 CO3 CO3 CO2 CO3 CO2 CO3 CO3 CO2 CO3 CO3 CO2 CO3 CO3 CO4 CO3 CO3 CO4 CO2 CO3 CO3 CO3 CO3 CO4 CO3 CO3 CO3 CO4 CO3 CO3 CO3 CO3 CO3 CO3 CO3 CO4 CO3 CO3 CO3 CO3 CO3 CO4 CO3 CO3 CO3 CO3 CO3 CO3 CO3 CO3 CO3 CO3	To chroun age questioning the text in order to perceive marginalized voices - the To comprehend how the subaltern perspectives question and counter the To introduce the students to the basic elements of poetry, including the stylistic To facilitate students to attain various perspective in reading poetry like gender, To familiarize the learners with different forms of poetry written in British and To create an awareness among the learners about different forms and themes of To familiarize the students with different types of prose writing. To introduce to them the basic concepts of style and literary devices in prose. To acquaint them with cultural diversity and divergence in perspectives. To develop their critical thinking abilities and write creatively and critically. To familiarize the students with the key concepts of English grammar and to use To help students towards a better language use through the understanding of the To help the students develop a sense of English grammar, idioms, syntax, To develop the logical and analytical skills in the use of language for To familiarize students with contemporary English usage To help students discover the pleasures in reading fiction. To aid students gain an insight into the human condition and the complexities of To acquaint the students with different types of fiction and analyze them. To have an understanding of important texts and movements in the history of To examine how literary criticism shapes literature and culture across centuries. To relate critical perspectives to the history of eastern and western ideas. To introduce the students to the basic elements of drama, including the historical To foster an ability in the students for appreciating drama as an art form.
2 3 3 4 4 5	ENG2B02 ENG3B03 ENG3B04 ENG4B05 ENG4B06 ENG5B07	APPRECIATING POETRY APPRECIATING PROSE ENGLISH GRAMMAR AND USAGE APPRECIATING FICTION LITERARY CRITICISM APPRECIATING DRAMA AND THEATRE	CO7 CO1 CO2 CO3 CO4 CO1 CO2 CO3 CO4 CO1 CO2 CO3 CO4 CO5 CO1 CO2 CO3 CO1 CO2 CO3 CO1 CO2 CO3 CO1 CO2 CO3 CO1 CO2 CO3 CO1 CO2 CO3 CO1 CO2 CO3 CO4 CO2 CO3 CO4 CO1 CO2 CO3 CO4 CO1 CO2 CO3 CO4 CO1 CO2 CO3 CO4 CO4 CO1 CO2 CO3 CO4 CO1 CO2 CO3 CO4 CO1 CO2 CO3 CO4 CO1 CO2 CO3 CO4 CO1 CO2 CO3 CO4 CO1 CO2 CO3 CO4 CO1 CO2 CO3 CO4 CO1 CO2 CO3 CO4 CO1 CO2 CO3 CO4 CO1 CO2 CO3 CO4 CO1 CO2 CO3 CO4 CO1 CO2 CO3 CO4 CO1 CO2 CO3 CO4 CO1 CO2 CO3 CO4 CO1 CO2 CO3 CO4 CO1 CO2 CO3 CO4 CO3 CO4 CO1 CO2 CO3 CO4 CO1 CO2 CO3 CO4 CO3 CO4 CO3 CO4 CO5 CO3 CO4 CO5 CO4 CO5 CO3 CO4 CO5 CO3 CO4 CO5 CO3 CO4 CO5 CO3 CO4 CO5 CO3 CO4 CO1 CO2 CO3 CO4 CO5 CO3 CO4 CO5 CO3 CO2 CO3 CO4 CO2 CO3 CO4 CO2 CO3 CO4 CO2 CO3 CO4 CO2 CO3 CO2 CO3 CO2 CO3 CO1 CO2 CO3 CO2 CO3 CO2 CO3 CO1 CO2 CO3 CO1 CO2 CO3 CO1 CO2 CO3 CO1 CO2 CO3 CO1 CO2 CO3 CO3 CO2 CO3 CO1 CO2 CO3 CO3 CO3 CO3 CO1 CO2 CO3 CO3 CO3 CO3 CO3 CO3 CO3 CO3 CO3 CO3	To encourage questioning the text more to perceive marginalized voices - the To comprehend how the subaltern perspectives question and counter the To introduce the students to the basic elements of poetry, including the stylistic To facilitate students to attain various perspective in reading poetry like gender, To familiarize the learners with different forms of poetry written in British and To create an awareness among the learners about different forms and themes of To familiarize the students with different types of prose writing. To introduce to them the basic concepts of style and literary devices in prose. To acquaint them with cultural diversity and divergence in perspectives. To develop their critical thinking abilities and write creatively and critically. To familiarize the students with the key concepts of English grammar and to use To help students towards a better language use through the understanding of the To help the students develop a sense of English grammar, idioms, syntax, To develop the logical and analytical skills in the use of language for To familiarize students with contemporary English usage To help students discover the pleasures in reading fiction. To aid students gain an insight into the human condition and the complexities of To acquaint the students with different types of fiction and analyze them. To have an understanding of important texts and movements in the history of To examine how literary criticism shapes literature and culture across centuries. To relate critical perspectives to the history of eastern and western ideas. To introduce the students to the basic elements of drama, including the historical To foster an ability in the students for appreciating drama as an art form. To familiarize the students with the different genres and masters of drama.
2 3 3 4 4 5	ENG2B02 ENG3B03 ENG3B04 ENG4B05 ENG4B06 ENG5B07	APPRECIATING POETRY APPRECIATING PROSE ENGLISH GRAMMAR AND USAGE APPRECIATING FICTION LITERARY CRITICISM APPRECIATING DRAMA AND THEATRE	CO7 CO1 CO2 CO3 CO4 CO1 CO2 CO3 CO4 CO1 CO2 CO3 CO4 CO5 CO1 CO2 CO3 CO1 CO2 CO3 CO1 CO2 CO3 CO1 CO2 CO3 CO1 CO2 CO3 CO4 CO2 CO3 CO4 CO2 CO3 CO4 CO2 CO3 CO4 CO2 CO3 CO4 CO5 CO3 CO4 CO5 CO4 CO5 CO4 CO5 CO5 CO4 CO5 CO5 CO4 CO5 CO5 CO4 CO5 CO5 CO5 CO5 CO5 CO5 CO5 CO5 CO5 CO5	To encourage questioning the text more to perceive marginalized voices - the To comprehend how the subaltern perspectives question and counter the To introduce the students to the basic elements of poetry, including the stylistic To facilitate students to attain various perspective in reading poetry like gender, To familiarize the learners with different forms of poetry written in British and To create an awareness among the learners about different forms and themes of To familiarize the students with different types of prose writing. To introduce to them the basic concepts of style and literary devices in prose. To acquaint them with cultural diversity and divergence in perspectives. To develop their critical thinking abilities and write creatively and critically. To familiarize the students with the key concepts of English grammar and to use To help students towards a better language use through the understanding of the To help the students develop a sense of English grammar, idioms, syntax, To develop the logical and analytical skills in the use of language for To familiarize students with contemporary English usage To help students discover the pleasures in reading fiction. To aid students gain an insight into the human condition and the complexities of To acquaint the students with different types of fiction and analyze them. To have an understanding of important texts and movements in the history of To examine how literary criticism shapes literature and culture across centuries. To relate critical perspectives to the history of eastern and western ideas. To introduce the students to the basic elements of drama, including the historical To foster an ability in the students for appreciating drama as an art form. To familiarize the learners to critically go beyond the theatrical performances to
2 3 3 4 4 5	ENG2B02 ENG3B03 ENG3B04 ENG4B05 ENG4B06 ENG5B07	APPRECIATING POETRY APPRECIATING PROSE ENGLISH GRAMMAR AND USAGE APPRECIATING FICTION LITERARY CRITICISM APPRECIATING DRAMA AND THEATRE	CO7 CO1 CO2 CO3 CO4 CO1 CO2 CO3 CO4 CO1 CO2 CO3 CO4 CO5 CO1 CO2 CO3 CO1 CO2 CO3 CO1 CO2 CO3 CO1 CO2 CO3 CO1 CO2 CO3 CO4 CO1 CO2 CO3 CO4 CO1 CO2 CO3 CO4 CO1 CO2 CO3 CO4 CO1 CO2 CO3 CO4 CO1 CO2 CO3 CO4 CO4 CO1 CO2 CO3 CO4 CO4 CO1 CO2 CO3 CO4 CO4 CO1 CO2 CO3 CO4 CO4 CO1 CO2 CO3 CO4 CO4 CO1 CO2 CO3 CO4 CO4 CO1 CO2 CO3 CO4 CO4 CO1 CO2 CO3 CO4 CO1 CO2 CO3 CO4 CO1 CO2 CO3 CO4 CO1 CO2 CO3 CO4 CO4 CO1 CO2 CO3 CO4 CO1 CO2 CO3 CO4 CO4 CO1 CO2 CO3 CO4 CO3 CO4 CO3 CO4 CO2 CO3 CO4 CO4 CO5 CO3 CO4 CO5 CO3 CO4 CO5 CO3 CO4 CO5 CO3 CO4 CO5 CO3 CO4 CO5 CO3 CO4 CO5 CO3 CO4 CO5 CO3 CO4 CO5 CO3 CO4 CO2 CO3 CO2 CO3 CO4 CO3 CO4 CO2 CO3 CO4 CO2 CO3 CO4 CO2 CO3 CO3 CO4 CO3 CO2 CO3 CO3 CO4 CO2 CO3 CO3 CO4 CO2 CO3 CO3 CO4 CO3 CO2 CO3 CO3 CO4 CO2 CO3 CO3 CO4 CO3 CO2 CO3 CO3 CO4 CO2 CO3 CO3 CO4 CO2 CO3 CO4 CO2 CO3 CO4 CO2 CO3 CO4 CO2 CO3 CO4 CO2 CO3 CO4 CO2 CO3 CO4 CO2 CO3 CO4 CO2 CO3 CO4 CO2 CO3 CO4 CO4 CO2 CO3 CO4 CO2 CO3 CO4 CO2 CO3 CO4 CO2 CO3 CO4 CO2 CO3 CO4 CO2 CO3 CO3 CO4 CO2 CO3 CO3 CO3 CO3 CO3 CO3 CO3 CO3 CO3 CO3	To entourage questioning the text in order to perceive marginalized voices - the To comprehend how the subaltern perspectives question and counter the To introduce the students to the basic elements of poetry, including the stylistic To facilitate students to attain various perspective in reading poetry like gender, To familiarize the learners with different forms of poetry written in British and To create an awareness among the learners about different forms and themes of To familiarize the students with different types of prose writing. To introduce to them the basic concepts of style and literary devices in prose. To acquaint them with cultural diversity and divergence in perspectives. To develop their critical thinking abilities and write creatively and critically. To familiarize the students with the key concepts of English grammar and to use To help students towards a better language use through the understanding of the To help the students develop a sense of English grammar, idioms, syntax, To develop the logical and analytical skills in the use of language for To familiarize students with contemporary English usage To help students discover the pleasures in reading fiction. To aid students gain an insight into the human condition and the complexities of To acquaint the students with different types of fiction and analyze them. To have an understanding of important texts and movements in the history of To examine how literary criticism shapes literature and culture across centuries. To relate critical perspectives to the history of eastern and western ideas. To introduce the students with the different genres and masters of drama, To fasiliarize the students with the different genres and masters of drama. To fasiliarize the students with the different genres and masters of drama. To fasiliarize the students with the different genres and masters of drama. To fasiliarize the learners to critically go beyond the theatrical performances to To cultivate among the students an understanding of important texts a
2 3 3 4 4 5 5	ENG2B02 ENG3B03 ENG3B04 ENG4B05 ENG4B06 ENG5B07 ENG5B08	APPRECIATING POETRY APPRECIATING PROSE ENGLISH GRAMMAR AND USAGE APPRECIATING FICTION LITERARY CRITICISM APPRECIATING DRAMA AND THEATRE	CO7 CO1 CO2 CO3 CO4 CO1 CO2 CO3 CO4 CO1 CO2 CO3 CO4 CO5 CO1 CO2 CO3 CO1 CO2 CO3 CO1 CO2 CO3 CO4 CO1 CO2 CO3 CO4 CO1 CO2 CO3 CO4 CO1 CO2 CO3 CO4 CO1 CO2 CO3 CO4 CO1 CO2 CO3 CO4 CO1 CO2 CO3 CO4 CO1 CO2 CO3 CO4 CO1 CO2 CO3 CO4 CO4 CO1 CO2 CO3 CO4 CO4 CO1 CO2 CO3 CO4 CO1 CO2 CO3 CO4 CO1 CO2 CO3 CO4 CO4 CO1 CO2 CO3 CO4 CO1 CO2 CO3 CO4 CO4 CO1 CO2 CO3 CO4 CO1 CO2 CO3 CO4 CO1 CO2 CO3 CO4 CO4 CO1 CO2 CO3 CO4 CO1 CO2 CO3 CO4 CO4 CO1 CO2 CO3 CO4 CO3 CO4 CO3 CO4 CO5 CO3 CO4 CO5 CO3 CO4 CO5 CO3 CO4 CO5 CO3 CO4 CO5 CO2 CO3 CO4 CO5 CO3 CO4 CO5 CO2 CO3 CO4 CO5 CO2 CO3 CO4 CO2 CO3 CO4 CO3 CO4 CO5 CO2 CO3 CO4 CO2 CO3 CO4 CO2 CO3 CO4 CO2 CO3 CO4 CO2 CO3 CO4 CO2 CO3 CO2 CO3 CO4 CO2 CO3 CO4 CO2 CO3 CO4 CO2 CO3 CO4 CO2 CO3 CO4 CO2 CO3 CO4 CO2 CO3 CO4 CO2 CO3 CO4 CO2 CO3 CO4 CO2 CO3 CO4 CO2 CO3 CO4 CO2 CO3 CO4 CO2 CO3 CO4 CO2 CO3 CO4 CO2 CO3 CO4 CO2 CO3 CO4 CO2 CO3 CO4 CO2 CO3 CO4 CO2 CO3 CO4 CO2 CO3 CO2 CO3 CO2 CO3 CO4 CO2 CO3 CO2 CO3 CO2 CO3 CO2 CO3 CO2 CO3 CO2 CO3 CO2 CO3 CO2 CO3 CO3 CO3 CO3 CO3 CO2 CO3 CO3 CO3 CO3 CO3 CO3 CO2 CO3 CO3 CO3 CO3 CO3 CO3 CO3 CO3 CO3 CO3	To encourage questioning the text in order to perceive marginalized voices - the To comprehend how the subaltern perspectives question and counter the To introduce the students to the basic elements of poetry, including the stylistic To facilitate students to attain various perspective in reading poetry like gender, To familiarize the learners with different forms of poetry written in British and To create an awareness among the learners about different forms and themes of To familiarize the students with different types of prose writing. To introduce to them the basic concepts of style and literary devices in prose. To acquaint them with cultural diversity and divergence in perspectives. To develop their critical thinking abilities and write creatively and critically. To familiarize the students with the key concepts of English grammar and to use To help students towards a better language use through the understanding of the To help the students develop a sense of English grammar, idioms, syntax, To develop the logical and analytical skills in the use of language for To familiarize students with contemporary English usage To help students discover the pleasures in reading fiction. To aid students gain an insight into the human condition and the complexities of To acquaint the students with different types of fiction and analyze them. To have an understanding of important texts and movements in the history of To examine how literary criticism shapes literature and culture across centuries. To relate critical perspectives to the haistory of eastern and western ideas. To introduce the students with the different genres and masters of drama. To foster an ability in the students for appreciating drama as an art form. To familiarize the students with the different genres and masters of drama. To facilitate the learners to critically go beyond the theatrical performances to To cultivate among the students an understanding of important texts and To enable the learners to critically approach literature and culture in t
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2 3 3 4 4 5 5 5	ENG2B02 ENG3B03 ENG3B04 ENG4B05 ENG4B06 ENG5B07 ENG5B08	APPRECIATING POETRY APPRECIATING PROSE ENGLISH GRAMMAR AND USAGE APPRECIATING FICTION LITERARY CRITICISM APPRECIATING DRAMA AND THEATRE LITERARY THEORY LANGUAGE AND	CO7 CO1 CO2 CO3 CO4 CO1 CO2 CO3 CO4 CO1 CO2 CO3 CO4 CO5 CO1 CO2 CO3 CO1 CO2 CO3 CO4 CO2 CO3 CO4 CO1 CO2 CO3 CO2 CO3 CO4 CO2 CO3 CO4 CO2 CO3 CO4 CO2 CO3 CO4 CO2 CO3 CO4 CO2 CO3 CO3 CO4 CO2 CO3 CO3 CO4 CO2 CO3 CO3 CO2 CO3 CO3 CO4 CO2 CO3 CO3 CO3 CO4 CO2 CO3 CO3 CO4 CO2 CO3 CO3 CO4 CO2 CO3 CO3 CO4 CO2 CO3 CO3 CO4 CO2 CO3 CO3 CO4 CO2 CO3 CO3 CO4 CO2 CO3 CO3 CO4 CO2 CO3 CO3 CO4 CO2 CO3 CO3 CO4 CO2 CO3 CO4 CO2 CO3 CO3 CO4 CO2 CO3 CO4 CO2 CO3 CO4 CO2 CO3 CO4 CO2 CO3 CO4 CO2 CO3 CO4 CO2 CO3 CO4 CO2 CO3 CO4 CO2 CO3 CO4 CO2 CO3 CO4 CO2 CO3 CO4 CO2 CO3 CO4 CO2 CO3 CO4 CO2 CO3 CO4 CO2 CO3 CO4 CO2 CO3 CO4 CO2 CO3 CO4 CO2 CO3 CO2 CO3 CO3 CO4 CO2 CO3 CO3 CO4 CO2 CO3 CO3 CO4 CO2 CO3 CO3 CO4 CO2 CO3 CO3 CO4 CO2 CO3 CO3 CO4 CO2 CO3 CO3 CO3 CO3 CO3 CO3 CO3 CO3 CO3 CO3	To entrothage questioning the text in order to perceive marginalized voices the To comprehend how the subaltern perspectives question and counter the To introduce the students to the basic elements of poetry, including the stylistic To facilitate students to attain various perspective in reading poetry like gender, To familiarize the learners with different forms of poetry written in British and To create an awareness among the learners about different forms and themes of To familiarize the students with different types of prose writing. To introduce to them the basic concepts of style and literary devices in prose. To acquaint them with cultural diversity and divergence in perspectives. To develop their critical thinking abilities and write creatively and critically. To familiarize the students with the key concepts of English grammar and to use To help students towards a better language use through the understanding of the To help students develop a sense of English grammar, idioms, syntax, To develop the logical and analytical skills in the use of language for To familiarize students with contemporary English usage To help students discover the pleasures in reading fiction. To aid students gain an insight into the human condition and the complexities of To acquaint the students with different types of fiction and analyze them. To have an understanding of important texts and movements in the history of To examine how literary criticism shapes literature and culture across centuries. To recognize and critique the major arguments underlying critical writings. To familiarize the students to the basic elements of drama, including the historical To foster an ability in the students for appreciating drama as an art form. To familiarize the learners to critically go beyond the theatrical performances to To cultivate among the students an understanding of important texts and To enable the learners to critically approach literature and culture in the context To enrich the students through various perspectives of think
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2 3 3 4 4 5 5 5	ENG2B02 ENG3B03 ENG3B04 ENG4B05 ENG4B06 ENG5B07 ENG5B08	APPRECIATING POETRY APPRECIATING PROSE ENGLISH GRAMMAR AND USAGE APPRECIATING FICTION LITERARY CRITICISM APPRECIATING DRAMA AND THEATRE LITERARY THEORY LINGUISTICS	CO7 CO1 CO2 CO3 CO4 CO1 CO2 CO3 CO4 CO1 CO2 CO3 CO4 CO5 CO1 CO2 CO3 CO4 CO2 CO3 CO4 CO1 CO2 CO2 CO3 CO4 CO2 CO3 CO4 CO2 CO3 CO4 CO2 CO3 CO4 CO2 CO3 CO4 CO2 CO3 CO4 CO2 CO3 CO3 CO4 CO2 CO3 CO3 CO4 CO2 CO3 CO3 CO4 CO2 CO3 CO3 CO4 CO2 CO3 CO3 CO4 CO2 CO3 CO3 CO4 CO2 CO3 CO3 CO4 CO2 CO3 CO3 CO4 CO2 CO3 CO3 CO4 CO2 CO3 CO3 CO4 CO2 CO3 CO3 CO4 CO2 CO3 CO3 CO4 CO2 CO3 CO3 CO4 CO2 CO3 CO3 CO3 CO3 CO3 CO3 CO3 CO3 CO3 CO3	To comprehend how the subaltern perspectives question and counter the To comprehend how the subaltern perspectives question and counter the To introduce the students to the basic elements of poetry, including the stylistic To facilitate students to attain various perspective in reading poetry like gender, To familiarize the learners with different forms of poetry written in British and To create an awareness among the learners about different forms and themes of To familiarize the students with different types of prose writing. To introduce to them the basic concepts of style and literary devices in prose. To acquaint them with cultural diversity and divergence in perspectives. To develop their critical thinking abilities and write creatively and critically. To familiarize the students with the key concepts of English grammar and to use To help students towards a better language use through the understanding of the To help the students develop a sense of English grammar, idioms, syntax, To develop the logical and analytical skills in the use of language for To familiarize students with contemporary English usage To help students discover the pleasures in reading fiction. To aid students gain an insight into the human condition and the complexities of To acquaint the students with different types of fiction and analyze them. To have an understanding of important texts and movements in the history of To examine how literary criticism shapes literature and culture across centuries. To relate critical perspectives to the history of eastern and western ideas. To introduce the students to the basic elements of drama, including the historical To familiarize the students to the basic elements of drama, including the historical To familiarize the students with the different genres and masters of drama. To familiarize the students with the different genres and masters of drama. To familiarize the students to critically approach literature and culture in the context To enable the learners to critically approach literature
2 3 3 4 4 5 5 5 5	ENG2B02 ENG3B03 ENG3B04 ENG4B05 ENG4B06 ENG5B07 ENG5B08	APPRECIATING POETRY APPRECIATING PROSE ENGLISH GRAMMAR AND USAGE APPRECIATING FICTION LITERARY CRITICISM APPRECIATING DRAMA AND THEATRE LITERARY THEORY LINGUISTICS	CO7 CO1 CO2 CO3 CO4 CO1 CO2 CO3 CO4 CO1 CO2 CO3 CO4 CO5 CO1 CO2 CO3 CO4 CO2 CO3 CO4 CO2 CO3 CO4 CO2 CO3 CO1 CO2 CO3 CO4 CO2 CO3 CO1 CO2 CO3 CO4 CO1 CO2 CO3 CO4 CO2 CO3 CO4 CO1 CO2 CO3 CO4 CO2 CO3 CO4 CO2 CO3 CO4 CO2 CO3 CO4 CO2 CO3 CO4 CO2 CO3 CO4 CO2 CO3 CO4 CO2 CO3 CO4 CO2 CO3 CO4 CO2 CO3 CO4 CO2 CO3 CO3 CO4 CO2 CO3 CO3 CO4 CO2 CO3 CO3 CO4 CO2 CO3 CO3 CO4 CO2 CO3 CO3 CO4 CO2 CO3 CO4 CO2 CO3 CO3 CO4 CO2 CO3 CO4 CO2 CO3 CO4 CO2 CO3 CO4 CO2 CO3 CO4 CO2 CO3 CO4 CO2 CO3 CO4 CO2 CO3 CO4 CO2 CO3 CO4 CO2 CO3 CO2 CO3 CO4 CO2 CO3 CO4 CO2 CO3 CO4 CO2 CO3 CO4 CO2 CO3 CO4 CO2 CO3 CO4 CO2 CO3 CO4 CO2 CO3 CO4 CO2 CO3 CO4 CO2 CO3 CO4 CO2 CO3 CO4 CO2 CO3 CO4 CO2 CO3 CO4 CO2 CO3 CO4 CO2 CO3 CO4 CO2 CO3 CO4 CO2 CO3 CO4 CO2 CO3 CO3 CO4 CO2 CO3 CO3 CO4 CO2 CO3 CO3 CO4 CO2 CO3 CO3 CO4 CO2 CO3 CO3 CO4 CO2 CO3 CO3 CO4 CO2 CO3 CO3 CO4 CO2 CO3 CO3 CO4 CO2 CO3 CO3 CO4 CO3 CO3 CO4 CO3 CO3 CO4 CO3 CO3 CO4 CO3 CO3 CO4 CO3 CO3 CO4 CO3 CO3 CO3 CO4 CO3 CO3 CO3 CO3 CO4 CO3 CO3 CO3 CO4 CO3 CO3 CO3 CO4 CO3 CO3 CO4 CO3 CO4 CO3 CO3 CO4 CO3 CO3 CO4 CO3 CO3 CO4 CO3 CO3 CO3 CO4 CO3 CO3 CO3 CO3 CO3 CO3 CO3 CO3 CO3 CO3	To comprehend how the subaltern perspectives question and counter the To comprehend how the subaltern perspectives question and counter the To introduce the students to the basic elements of poetry, including the stylistic To facilitate students to attain various perspective in reading poetry like gender, To familiarize the learners with different forms of poetry written in British and To create an awareness among the learners about different forms and themes of To familiarize the students with different types of prose writing. To introduce to them the basic concepts of style and literary devices in prose. To acquaint them with cultural diversity and divergence in perspectives. To develop their critical thinking abilities and write creatively and critically. To familiarize the students with the key concepts of English grammar and to use To help students towards a better language use through the understanding of the To help the students develop a sense of English grammar, idioms, syntax, To develop the logical and analytical skills in the use of language for To familiarize students with contemporary English usage To help students discover the pleasures in reading fiction. To aid students gain an insight into the human condition and the complexities of To acquaint the students with different types of fiction and analyze them. To have an understanding of important texts and movements in the history of To examine how literary criticism shapes literature and culture across centuries. To recognize and critique the major arguments underlying critical writings. To relate critical perspectives to the history of eastern and western ideas. To familiarize the students for appreciating drama as an art form. To familiarize the students for appreciating drama as an art form. To familiarize the students an understanding of important texts and To enable the learners to critically go beyond the theatrical performances to To cultivate among the students an understanding of important texts and To enable the learners to critically
2 3 3 4 4 5 5 5 5	ENG2B02 ENG3B03 ENG3B04 ENG4B05 ENG4B06 ENG5B07 ENG5B08 ENG5B09	APPRECIATING POETRY APPRECIATING PROSE ENGLISH GRAMMAR AND USAGE APPRECIATING FICTION LITERARY CRITICISM APPRECIATING DRAMA AND THEATRE LITERARY THEORY LINGUISTICS	CO7 CO1 CO2 CO3 CO4 CO1 CO2 CO3 CO4 CO1 CO2 CO3 CO4 CO5 CO1 CO2 CO3 CO1 CO2 CO3 CO1 CO2 CO3 CO4 CO1 CO2 CO3 CO4 CO1 CO2 CO3 CO4 CO1 CO2 CO3 CO4 CO1 CO2 CO3 CO4 CO1 CO2 CO3 CO4 CO1 CO2 CO3 CO4 CO1 CO2 CO3 CO4 CO1 CO2 CO3 CO4 CO1 CO2 CO3 CO4 CO3 CO4 CO1 CO2 CO3 CO4 CO1 CO2 CO3 CO4 CO3 CO4 CO1 CO2 CO3 CO4 CO2 CO3 CO4 CO1 CO2 CO3 CO4 CO1 CO2 CO3 CO4 CO1 CO2 CO3 CO4 CO1 CO2 CO3 CO4 CO1 CO2 CO3 CO4 CO1 CO2 CO3 CO4 CO1 CO2 CO3 CO4 CO1 CO2 CO3 CO4 CO1 CO2 CO3 CO4 CO1 CO2 CO3 CO4 CO1 CO2 CO3 CO4 CO1 CO2 CO3 CO4 CO2 CO3 CO4 CO2 CO3 CO4 CO1 CO2 CO3 CO4 CO2 CO3 CO4 CO2 CO3 CO4 CO2 CO3 CO4 CO2 CO3 CO4 CO2 CO3 CO4 CO2 CO3 CO3 CO4 CO2 CO3 CO4 CO2 CO3 CO4 CO2 CO3 CO4 CO2 CO3 CO4 CO2 CO3 CO4 CO2 CO3 CO4 CO2 CO3 CO4 CO2 CO3 CO4 CO2 CO3 CO4 CO2 CO3 CO4 CO2 CO3 CO4 CO2 CO3 CO4 CO2 CO3 CO4 CO2 CO3 CO4 CO2 CO3 CO4 CO2 CO3 CO4 CO2 CO3 CO3 CO4 CO2 CO3 CO3 CO4 CO2 CO3 CO3 CO4 CO2 CO3 CO3 CO4 CO2 CO3 CO3 CO4 CO2 CO3 CO3 CO4 CO2 CO3 CO4 CO2 CO3 CO3 CO4 CO2 CO3 CO3 CO4 CO2 CO3 CO3 CO4 CO2 CO3 CO3 CO4 CO2 CO3 CO3 CO4 CO2 CO3 CO3 CO4 CO2 CO3 CO3 CO4 CO2 CO3 CO3 CO4 CO2 CO3 CO3 CO4 CO2 CO3 CO3 CO4 CO2 CO3 CO4 CO2 CO3 CO3 CO4 CO2 CO3 CO3 CO4 CO2 CO3 CO3 CO4 CO2 CO3 CO3 CO4 CO2 CO3 CO3 CO3 CO4 CO2 CO3 CO3 CO3 CO4 CO2 CO3 CO3 CO3 CO3 CO4 CO2 CO3 CO3 CO3 CO3 CO3 CO3 CO3 CO3 CO3 CO3	To comprehend how the subaltern perspectives question and counter the To comprehend how the subaltern perspectives question and counter the To introduce the students to the basic elements of poetry, including the stylistic To facilitate students to attain various perspective in reading poetry like gender, To familiarize the learners with different forms of poetry written in British and To create an awareness among the learners about different forms and themes of To familiarize the students with different types of prose writing. To introduce to them the basic concepts of style and literary devices in prose. To acquaint them with cultural diversity and divergence in perspectives. To develop their critical thinking abilities and write creatively and critically. To familiarize the students with the key concepts of English grammar and to use To help students towards a better language use through the understanding of the To help the students develop a sense of English grammar, idioms, syntax, To develop the logical and analytical skills in the use of language for To familiarize students with contemporary English usage To help students discover the pleasures in reading fiction. To aid students gain an insight into the human condition and the complexities of To acquaint the students with different types of fiction and analyze them. To have an understanding of important texts and movements in the history of To examine how literary criticism shapes literature and culture across centuries. To recognize and critique the major arguments underlying critical writings. To relate critical perspectives to the history of eastern and western ideas. To familiarize the students with the different genres and masters of drama. To facilitate the learners to critically go beyond the theatrical performances to To cultivate among the students an understanding of important texts and To enable the learners to critically approach literature and culture in the context To enrich the students through various perspectives of thinking and critiqu

		ENGEISH	CO3	To expose students to the pluralistic aspects of Indian culture and identity
		VOICES OF WOMEN	CO1	To equip students to steer clear of misconceptions regarding women and to
6	ENG6B11		CO2	To arouse a keen interest in analysing critically the diversity of women's
			CO3	To perceive gender as a social construct
			CO1	To acquaint the students with the classic literatures and thereby composite
6	ENG6B12		CO2	To enable students to develop cross cultural perspectives
		EITERATORE	CO3	To enhance the literary sensibility of students
			CO1	To appreciate film as an art form and its aesthetics
6	ENG6B13		CO2	To understand how film connects with history, politics, technology, psychology
Ŭ	LINGODIS	TIEWISTODIES	CO3	To critically appraise the nature of representation on screen and how class, race
			CO4	To develop analytical skills so that the student can produce informed and
		NEW LITERATURES IN	CO1	To expose the students to diverse cultures and modes of expression.
6	ENG6B14	FNGLISH	CO2	To enable them to explore issues of cultural plurality and hybridity
		2.102.0.1	CO3	To expose the learners to literary negotiations of colonization and decolonization,
6			CO1	To familiarize the students with the latest trends in media
	ENG6B17	WRITING FOR THE MEDIA	CO2	To understand the specificities and possibilities of the different kinds of media
			CO3	To impart necessary technical writing skills
			CO1	To develop writing skills
6	ENG6B21	PROJECT	CO2	To learn to integrate writing and thought and to apply the conventions of
			CO3	To cultivate, in the students, an urge for research.
Name of th	e programn	ne		Bachelor of Science. Physics
Short Name of th	ne Programme			B.Sc. Physics
Code of the Prog	gramme	UU		CCASPH
Semester	Course code	Course Title	CO No:	Course Outcomes
			C01	Understand the features, methods and limitations of science
1	DUV/1001		002	Understand and apply the basic concepts of Newtonian Mechanics to physical
T	PHY1B01	SCIENCE AND BASIC MECHANICS	03	Understand and apply the basic idea of work-energy theorem to physical systems
			C04	Understand and apply the rotational dynamics of rigid bodies
			CO3	Understand the features of east institute such as and fightitious forces
			CO1	Understand the features of non-inertial systems and fictuous forces
2	PHY2B02	MECHANICS	CO2	Understand and analyze the features of central forces with respect to planetary
			CO3	Understand and analyze the basics concents of wave motion
			C04	Understand and analyze the basics concepts of wave motion
			C01	Understand and apply the fundamentals of vector calculus
2			CO2	Understand the mechanism of electrostatic properties of physical systems
5	FILISDOS	ELECTROD TRAINICS T	CO4	Understand and analyze the magnetic properties of physical systems
			C04	Understand the mechanism of magnetic field in matter
			COJ	Onderstand the mechanism of magnetic neid in matter.
			CO1	Understand the basic concents of electrodynamics
			CO1	Understand the basic concepts of electrodynamics
4	ΡΗΥ4ΒΩ4		CO1 CO2	Understand the basic concepts of electrodynamics Understand and analyze the properties of electromagnetic waves
4	PHY4B04	ELECTRODYNAMICS II	CO1 CO2 CO3	Understand the basic concepts of electrodynamics Understand and analyze the properties of electromagnetic waves Understand the behavior of transient currents
4	PHY4B04	ELECTRODYNAMICS II	CO1 CO2 CO3 CO4 CO5	Understand the basic concepts of electrodynamics Understand and analyze the properties of electromagnetic waves Understand the behavior of transient currents Understand the basic aspects of ac circuits
4	PHY4B04	ELECTRODYNAMICS II	CO1 CO2 CO3 CO4 CO5 CO1	Understand the basic concepts of electrodynamics Understand and analyze the properties of electromagnetic waves Understand the behavior of transient currents Understand the basic aspects of ac circuits Understand and apply electrical network theorems Understand the Basics of Python programming
4	PHY4B04	ELECTRODYNAMICS II	CO1 CO2 CO3 CO4 CO5 CO1 CO2	Understand the basic concepts of electrodynamics Understand and analyze the properties of electromagnetic waves Understand the behavior of transient currents Understand the basic aspects of ac circuits Understand and apply electrical network theorems Understand the Basics of Python programming Understand the applications of Python modules
4	РНУ4В04 РНУ5В06		CO1 CO2 CO3 CO4 CO5 CO1 CO2 CO3	Understand the basic concepts of electrodynamics Understand and analyze the properties of electromagnetic waves Understand the behavior of transient currents Understand the basic aspects of ac circuits Understand and apply electrical network theorems Understand the Basics of Python programming Understand the applications of Python modules Understand the basic techniques of numerical analysis
4	РН¥4В04 РН¥5В06	ELECTRODYNAMICS II	CO1 CO2 CO3 CO4 CO5 CO1 CO2 CO3 CO4	Understand the basic concepts of electrodynamics Understand and analyze the properties of electromagnetic waves Understand the behavior of transient currents Understand the basic aspects of ac circuits Understand and apply electrical network theorems Understand the Basics of Python programming Understand the applications of Python modules Understand the basic techniques of numerical analysis Understand and apply computational techniques to physical problems

			CO2	Describe Rutherford – Bohr model of the atom
PHY5B07 QU	QUANTUM MECHANICS	CO3	Understand the wavelike properties of particles	
			CO4	Understand and apply the Schrödinger equation to simple physical systems
			CO5	Apply the principles of wave mechanics to the Hydrogen atom
			C01	Understand the fundamentals of Fermat"s principles and geometrical optics
			CO2	Understand and apply the basic ideas of interference of light
	PH5B08	OPTICS	CO3	Understand and apply the basic ideas of diffraction of light
			CO4	Understand the basics ideas of polarization of light
			CO5	Describe the basic principles of holography and fibre optics
			C01	Understand the basic principles of rectifiers and dc power supplies
			CO2	Understand the principles of transistor
	PHY5B09		CO3	Understand the working and designing of transistor amplifiers and oscillator
		DIGITAL)	CO4	Understand the basic operation of Op – Amp and its applications
			CO5	Understand the basics of digital electronics
			C01	Understand the zero and first laws of thermodynamics
			CO2	Understand the thermodynamics description of the ideal gas
	PHY6B10	THERMODYNAMICS	CO3	Understand the second law of thermodynamics and its applications
			CO4	Understand the basic ideas of entropy
			CO5	Understand the concepts of thermodynamic potentials and phase transition
		STATISTICAL DHVSICS	C01	Understand the basic principles of statistical physics and its applications

CO1

PH5B08	OPTICS	CO2	Understand and apply the basic ideas of interference of light
		CO3	Understand and apply the basic ideas of diffraction of light
		CO4	Understand the basics ideas of polarization of light
		CO5	Describe the basic principles of holography and fibre optics
		CO1	Understand the basic principles of rectifiers and dc power supplies
	ELECTRONICS (ANALOG &	CO2	Understand the principles of transistor
PHY5B09		CO3	Understand the working and designing of transistor amplifiers and oscillators
	DIGITAL)	CO4	Understand the basic operation of Op – Amp and its applications
		CO5	Understand the basics of digital electronics
		CO1	Understand the zero and first laws of thermodynamics
	THERMODYNAMICS	CO2	Understand the thermodynamics description of the ideal gas
PHY6B10		CO3	Understand the second law of thermodynamics and its applications
		CO4	Understand the basic ideas of entropy
		CO5	Understand the concepts of thermodynamic potentials and phase transitions
		CO1	Understand the basic principles of statistical physics and its applications
		CO2	Understand the basic aspects of crystallography in solid state physics
PHY6B11		CO3	Understand the basic elements of spectroscopy
		CO4	Understand the basics ideas of microwave and infra red spectroscopy
	FHOTONICS	CO5	Understand the fundamental ideas of photonics
		CO1	Understand the basic aspects of nuclear structure and fundamentals of
		CO2	Describe the different types of nuclear reactions and their applications
PHY6B12		CO3	Understand the principle and working of particle detectors
	PARTICLE PHYSICS	CO4	Describe the principle and working of particle accelerators

Understand the particle properties of electromagnetic radiation

			CO5	Understand the basic principles of elementary particle physics
			CO1	Understand the fundamental ideas of special relativity
	PHY6B13	RELATIVISTIC MECHANICS AND ASTROPHYSICS	CO2	Understand the basic concepts of general relativity and cosmology
6			CO3	Understand the basic techniques used in astronomy
			CO4	Describe the evolution and death of stars
			CO5	Describe the structure and classification of galaxies
			CO1	Understand the basic principles of biophysics
		FLECTIVE -1-BIOMEDICAL	CO2	Understand the fundamentals of medical instrumentation
6	PHY6B14	PHYSICS	CO3	Understand the principles of ultrasound and x-ray imaging
			CO4	Understand the basic principles of NMR
			CO5	Describe the applications of lasers in medicine
			C01	Understand the elementary concepts of nanoscience
		ELECTIVE -2-	CO2	Understand the electrical transport mechanisms in nanostructures
6	PHY6B14	NANOSCIENCE AND	CO3	Understand the applications of quantum mechanics in nanoscience
		TECHNOLOGY	CO4	Understand the fabrication and characterization techniques of nanomaterials
			CO5	Enumerate the different applications of nanotechnology
			CO1	Understand the basic ideas of bonding in materials
		ELECTIVE -2-MATERIALS	CO2	Describe crystalline and non crystalline materials
6	PHY6B14	SCIENCE	CO3	Understand the types of imperfections nad diffusion mechanisms in solids
			CO4	Describe the different properties of ceramics and polymers
			CO5	Describe the different types of material analysis techniques
			C01	Apply and illustrate the concepts of properties of matter through experiments
4	PHY4B05	PRACTICAL I	CO2	Apply and illustrate the concepts of electricity and magnetism through
			CO3	Apply and illustrate the concepts of optics through experiments
			CO4	Apply and illustrate the principles of electronics through experiments
			CO1	Apply and illustrate the concepts of properties of matter through experiments
6	PHY6B15	PRACTICAL II	CO2	Apply and illustrate the concepts of electricity and magnetism through
-		FRACTICAL II	CO3	Apply and illustrate the concepts of optics and spectroscopy through experiments
			CO4	Apply and illustrate the principles of heat through experiments
			C01	Apply and illustrate the principles of semiconductor diode and transistor through
6	PHY6B16	PRACTICAL III	CO2	Apply and illustrate the principles of transistor amplifier and oscillator through
Ŭ			CO3	Apply and illustrate the principles of digital electronics through experiments
			CO4	Analyze and apply computational techniques in Python programming
		PROJECT	C01	Understand research methodology
6	PHY6B17(P)		CO2	Understand and formulate a research project
Ŭ	PHIODI7(P)		CO3	Design and implement a research project
			CO4	Identify and enumerate the scope and limitations of a research project
	PHY6B17(R)	RESEARCH	CO1	Understand research methodology
6			CO2	Understand the concept of measurement in research
-		Project)	CO3	Understand the significance and limitations of experimentation in research
		rioject)	CO4	Understand and formulate a research project, ethics and responsibility of
			CO1	Understand the importance of non conventional energy sources
	PHY5D01(1)	OPEN COURSE: NON	CO2	Understand basic aspects of solar energy
5		CONVENTIONAL ENERGY	CO3	Understand basic principles of wind energy conversion
		SOURCES	CO4	Understand the basic ideas of geothermal and biomass energy and recognize
			CO4	Understand the basic ideas of oceans and chemical energy resources and
		Complementary-1-	CO1	Understand the basic principles of elasticity
1	PHY1C01	Properties of matter & Thermodynamics	CO2	Understand the concepts of surface tension
_	PHTICUI		CO3	Understand the aspects of viscosity
			CO4	Understand the basic principles of thermodynamics
			CO1	Understand the basic concepts of interference and diffraction
2	PHY2C02	Complementary-2-Optics,	CO2	Understand the concepts of polarization
		Laser & Electronics	CO3	Understand the fundamentals of electronics
			CO4	Understand the important principles of laser physics
		Complementary-3-	C01	Understand the basic ideas of frames of reference and the principles of
3	PHY3C03	Mechanics, Relativity.	CO2	Understand the concepts of relativity
		Waves and Oscillations	CO3	Understand the basic ideas of oscillations and waves
			CO4	Understand the basic ideas of modern physics
		Complementary-4-	C01	Understand the basic ideas of static and current electricity
4	PHY4C04	Electricity, Magnetism and	CO2	Understand the concepts of magnetism
		Nuclear physics	CO3	Describe the fundamental concepts of nuclear physics
			CO4	Understand the basic ideas of cosmic rays and elementary particles
			C01	Apply and illustrate the concepts of properties of matter through experiments
1 to 4	PHY4C05	Complementary-5-	CO2	Apply and illustrate the concepts of electricity and magnetism through
		PRACTICALS I	CO3	Apply and illustrate the concepts of optics through experiments
			CO4	Apply and illustrate the principles of electronics through experiments
Name of th	ie Programr	ne		Bachelor of Science. Chemistrv
Short Name of th	ne Programme			B.Sc. Chemistry
Code of the Prog	gramme			CCASCH
Semester	Course code	Course Title	CO No:	Course Outcomes
			CO1	To apply the methods of a research project.
		Theoretical and Inorganic	CO2	To understand the principles behind volumetry.
1	CHE1B01	Chemistry- I	CO3	To analyse the characteristics of different elements.
10		Chemistry- I	CO4	The distinguish how was different established as as some

CO5 CO1

To distinguish between different acid base concepts.

To understand the importance and the impact of quantum revolution in science.

To analyse the stability of different nuclei.

2	CHE2B02	Theoretical and Inorganic Chemistry- II	CO2	To understand and apply the concept that the wave functions of hydrogen atom
			CO3	To understand that chemical bonding is the mixing of wave functions of the two
			CO4	To understand the concept of hybridization as linear combination of orbitals of
			CO5	To inculcate an atomic/molecular level philosophy in the mind.
			CO1	To understand the properties of gaseous state and how it links to thermodynamic
3	CHE3B03	PHYSICAL CHEMISTRY - I	CO2	To understand the concepts of thermodynamics and it's relation to statistical
			CO3	To apply symmetry operations to categorize different molecules.
			CO1	To apply the concept of stereochemistry to different compounds.
4		ORGANIC CHEMISTRY- I	CO2	To understand the basic concepts of reaction mechanism.
	CHE4B04		03	To analyse the mechanism of a chemical reaction
			CO4	To analyse the stability of different aromatic systems
			CO1	To enable the students to develop skills in quatitative analysis and preparing
4	CHE4B05(P)	INORGANIC CHEMISTRY PRACTICAL – I	CO2	To understand the principles behind quantitative analysis and preparing
			CO2	To apply appropriate techniques of volumetric quantitative analysis.
			CO3	To apply appropriate techniques of volumetric quantitative analysis in
	CHE5B06	INORGANIC CHEMISTRY – III	C04	To analyse the strength of different solutions.
5			C01	To understand the principles bening quanificative and quantifiative analysis.
			C02	To understand basic processes of metallurgy and to analyse the ments of
			03	To understand the applications of different inorganic polymers.
			C04	To analyse different poliuting agents.
			005	To apply the principles of solid waste management.
	CHE5B07	ORGANIC CHEMISTRY – II	01	To understand the difference between alcohols and phenols.
_			CO2	To understand the importance of ethers and epoxides.
5			CO3	To apply organometallic compounds in the preparation of different functional
			CO4	To apply different reagents for the inter conversion of aldehydes, carboxylic
			CO5	To apply active methylene compounds in organic preparations.
		PHYSICAL CHEMISTRY – II	CO1	To apply the concept of kinetics, catalysis and photochemistry to various
5	CHE5B08		CO2	To characterise different molecules using spectral methods.
			CO3	To understand various phase transitions and its applications.
		INORGANIC CHEMISTRY – IV	CO1	To understand the principles behind different instrumental methods.
	CHE6B09		CO2	To distinguish between lanthanides and actinides.
6			CO3	To appreciate the importance of CFT.
			CO4	To understand the importance of metals in living systems.
			CO5	To distinguish geometries of coordination compounds.
			CO1	To elucidate the structure of simple organic compounds using spectral
			CO2	To understand the basic structure and tests for carbohydrates.
6	CHE6B10	ORGANIC CHEMISTRY – III	CO3	To understand the basic components and importance of DNA.
			CO4	To understand the basic structure and applications of alkaloids and terpenes.
			CO5	To distinguish different pericyclic reactions.
	CHE6B11		CO1	To understand the basic concepts of electrochemistry.
6		PHYSICAL CHEMISTRY – III	CO2	To understand the importance of colligative properties.
			CO3	To relate the properties of materials/solids to the geometrical properties and
			CO1	To understand the importance of nanomaterials.
	0.15054.0	Advanced and Applied	CO1 CO2	To understand the importance of nanomaterials. To appreciate the importance of green approach in chemistry.
6	CHE6B12	Advanced and Applied Chemistry	CO1 CO2 CO3	To understand the importance of nanomaterials. To appreciate the importance of green approach in chemistry. To understand the uses and importance of computational calculations in
6	CHE6B12	Advanced and Applied Chemistry	CO1 CO2 CO3 CO4	To understand the importance of nanomaterials. To appreciate the importance of green approach in chemistry. To understand the uses and importance of computational calculations in To understand the role of chemistry in human happiness index and life
6	CHE6B12	Advanced and Applied Chemistry	CO1 CO2 CO3 CO4 CO1	To understand the importance of nanomaterials. To appreciate the importance of green approach in chemistry. To understand the uses and importance of computational calculations in To understand the role of chemistry in human happiness index and life To understand the importance of petrochemicals.
6	CHE6B12 CHE6B13(E1)	Advanced and Applied Chemistry Elective 1. INDUSTRIAL	CO1 CO2 CO3 CO4 CO1 CO2	To understand the importance of nanomaterials. To appreciate the importance of green approach in chemistry. To understand the uses and importance of computational calculations in To understand the role of chemistry in human happiness index and life To understand the importance of petrochemicals. To appreciate the importance and to familiarise the opportunities of
6	CHE6B12 CHE6B13(E1)	Advanced and Applied Chemistry Elective 1. INDUSTRIAL CHEMISTRY	CO1 CO2 CO3 CO4 CO1 CO2 CO3	To understand the importance of nanomaterials. To appreciate the importance of green approach in chemistry. To understand the uses and importance of computational calculations in To understand the role of chemistry in human happiness index and life To understand the importance of petrochemicals. To appreciate the importance and to familiarise the opportunities of To analyse the role of catalysts in industrial processes.
6	CHE6B12 CHE6B13(E1)	Advanced and Applied Chemistry Elective 1. INDUSTRIAL CHEMISTRY	CO1 CO2 CO3 CO4 CO1 CO2 CO3 CO1	To understand the importance of nanomaterials. To appreciate the importance of green approach in chemistry. To understand the uses and importance of computational calculations in To understand the role of chemistry in human happiness index and life To understand the importance of petrochemicals. To appreciate the importance and to familiarise the opportunities of To analyse the role of catalysts in industrial processes. To understand various classification of polymers and types of
6	CHE6B12 CHE6B13(E1)	Advanced and Applied Chemistry Elective 1. INDUSTRIAL CHEMISTRY Elective 2. POLYMER	CO1 CO2 CO3 CO4 CO1 CO2 CO3 CO1 CO2	To understand the importance of nanomaterials. To appreciate the importance of green approach in chemistry. To understand the uses and importance of computational calculations in To understand the role of chemistry in human happiness index and life To understand the importance of petrochemicals. To appreciate the importance and to familiarise the opportunities of To analyse the role of catalysts in industrial processes. To understand various classification of polymers and types of To understand the importanc characteristics of polymers such as average
6	CHE6B12 CHE6B13(E1) CHE6B13(E2	Advanced and Applied Chemistry Elective 1. INDUSTRIAL CHEMISTRY Elective 2. POLYMER CHEMISTRY	CO1 CO2 CO3 CO4 CO1 CO2 CO3 CO1 CO2 CO3	To understand the importance of nanomaterials. To appreciate the importance of green approach in chemistry. To understand the uses and importance of computational calculations in To understand the role of chemistry in human happiness index and life To understand the importance of petrochemicals. To appreciate the importance and to familiarise the opportunities of To analyse the role of catalysts in industrial processes. To understand various classification of polymers and types of To understand the important characteristics of polymers such as average To appreciate the importance of processing techniques
6 6 6	CHE6B12 CHE6B13(E1) CHE6B13(E2	Advanced and Applied Chemistry Elective 1. INDUSTRIAL CHEMISTRY Elective 2. POLYMER CHEMISTRY	CO1 CO2 CO3 CO4 CO1 CO2 CO3 CO1 CO2 CO3 CO4	To understand the importance of nanomaterials. To appreciate the importance of green approach in chemistry. To understand the uses and importance of computational calculations in To understand the role of chemistry in human happiness index and life To understand the importance of petrochemicals. To appreciate the importance and to familiarise the opportunities of To analyse the role of catalysts in industrial processes. To understand various classification of polymers and types of To anderstand the importance of processing techniques. To appreciate the importance of processing techniques.
6 6 6	CHE6B12 CHE6B13(E1) CHE6B13(E2	Advanced and Applied Chemistry Elective 1. INDUSTRIAL CHEMISTRY Elective 2. POLYMER CHEMISTRY	C01 C02 C03 C04 C01 C02 C03 C01 C02 C03 C04 C01	To understand the importance of nanomaterials. To appreciate the importance of green approach in chemistry. To understand the uses and importance of computational calculations in To understand the role of chemistry in human happiness index and life To understand the importance of petrochemicals. To appreciate the importance and to familiarise the opportunities of To analyse the role of catalysts in industrial processes. To understand various classification of polymers and types of To understand the importance of processing techniques. To characterise different commercial polymers and to understand the To understand the importance of druges in human health
6 6 6	CHE6B12 CHE6B13(E1) CHE6B13(E2	Advanced and Applied Chemistry	C01 C02 C03 C04 C01 C02 C03 C01 C02 C03 C04 C01 C02	To understand the importance of nanomaterials. To appreciate the importance of green approach in chemistry. To understand the uses and importance of computational calculations in To understand the role of chemistry in human happiness index and life To understand the importance of petrochemicals. To appreciate the importance and to familiarise the opportunities of To analyse the role of catalysts in industrial processes. To understand various classification of polymers and types of To understand the importance of processing techniques. To appreciate the importance of processing techniques. To characterise different commercial polymers and to understand the To understand the importance of drugs in human health. To understand the facts about common diseases and treatment
6 6 6 6	CHE6B12 CHE6B13(E1) CHE6B13(E2 CHE6B13(E3)	Advanced and Applied Chemistry	C01 C02 C03 C04 C01 C02 C03 C01 C02 C03 C04 C01 C02 C03	To understand the importance of nanomaterials. To appreciate the importance of green approach in chemistry. To understand the uses and importance of computational calculations in To understand the role of chemistry in human happiness index and life To understand the importance of petrochemicals. To appreciate the importance and to familiarise the opportunities of To analyse the role of catalysts in industrial processes. To understand various classification of polymers and types of To understand the importance of processing techniques. To appreciate the importance of processing techniques. To characterise different commercial polymers and to understand the To understand the importance of drugs in human health. To understand the facts about common diseases and treatment. To identify the presence of toxic substances in atmosphere
6 6 6 6	CHE6B12 CHE6B13(E1) CHE6B13(E2 CHE6B13(E3)	Advanced and Applied Chemistry         Elective 1. INDUSTRIAL CHEMISTRY         Elective 2. POLYMER CHEMISTRY         Elective 3. MEDICINAL AND ENVIRONMENTAL CHEMISTRY	C01 C02 C03 C04 C01 C02 C03 C04 C01 C02 C03 C04 C01 C02 C03 C04	To understand the importance of nanomaterials. To appreciate the importance of green approach in chemistry. To understand the uses and importance of computational calculations in To understand the role of chemistry in human happiness index and life To understand the importance of petrochemicals. To appreciate the importance and to familiarise the opportunities of To analyse the role of catalysts in industrial processes. To understand various classification of polymers and types of To understand the importance of processing techniques. To characterise different commercial polymers and to understand the To understand the importance of drugs in human health. To understand the facts about common diseases and treatment. To identify the presence of toxic substances in atmosphere. To apply chemistry in treatment of water and sewage
6 6 6 6	CHE6B12 CHE6B13(E1) CHE6B13(E2 CHE6B13(E3)	Advanced and Applied Chemistry	C01 C02 C03 C04 C01 C02 C03 C04 C01 C02 C03 C04 C01 C03 C04 C01	To understand the importance of nanomaterials. To appreciate the importance of green approach in chemistry. To understand the uses and importance of computational calculations in To understand the role of chemistry in human happiness index and life To understand the importance of petrochemicals. To appreciate the importance and to familiarise the opportunities of To analyse the role of catalysts in industrial processes. To understand various classification of polymers and types of To understand the importance of processing techniques. To characterise different commercial polymers and to understand the To understand the importance of drugs in human health. To understand the facts about common diseases and treatment. To identify the presence of toxic substances in atmosphere. To apply chemistry in treatment of water and sewage. To enable the students to develon analytical skills in determining the physical
6 6 6 6	CHE6B12 CHE6B13(E1) CHE6B13(E2 CHE6B13(E3)	Advanced and Applied ChemistryElective 1. INDUSTRIAL CHEMISTRYElective 2. POLYMER CHEMISTRYElective 3. MEDICINAL AND ENVIRONMENTAL CHEMISTRYPHYSICAL CHEMISTRY	C01 C02 C03 C04 C01 C02 C03 C01 C02 C03 C04 C01 C02 C03 C04 C01 C02	To understand the importance of nanomaterials. To appreciate the importance of green approach in chemistry. To understand the uses and importance of computational calculations in To understand the role of chemistry in human happiness index and life To understand the importance of petrochemicals. To appreciate the importance and to familiarise the opportunities of To analyse the role of catalysts in industrial processes. To understand various classification of polymers and types of To understand the importance of processing techniques. To appreciate the importance of processing techniques. To characterise different commercial polymers and to understand the To understand the importance of drugs in human health. To understand the facts about common diseases and treatment. To identify the presence of toxic substances in atmosphere. To apply chemistry in treatment of water and sewage. To enable the students to develop analytical skills in determining the physical To develop skill in setting un an experimental method to determine the environ
6 6 6 6 6	CHE6B12 CHE6B13(E1) CHE6B13(E2 CHE6B13(E3) CHE6B14(P)	Advanced and Applied ChemistryElective 1. INDUSTRIAL CHEMISTRYElective 2. POLYMER CHEMISTRYElective 3. MEDICINAL AND ENVIRONMENTAL CHEMISTRYPHYSICAL CHEMISTRY PRACTICAL	C01 C02 C03 C04 C01 C02 C03 C01 C02 C03 C04 C01 C02 C03 C04 C01 C02 C03 C04 C01 C02 C03 C04 C01 C02 C03 C04 C01 C02 C03 C04 C01 C02 C03 C04 C01 C02 C03 C04 C01 C02 C03 C04 C01 C02 C03 C04 C01 C02 C03 C04 C01 C02 C03 C04 C01 C02 C03 C04 C01 C02 C03 C04 C01 C02 C03 C03 C04 C01 C02 C03 C03 C04 C01 C02 C03 C03 C04 C01 C02 C03 C03 C01 C02 C03 C03 C01 C02 C03 C03 C01 C02 C03 C03 C01 C02 C03 C03 C01 C02 C03 C03 C01 C02 C03 C03 C03 C04 C03 C03 C04 C03 C03 C03 C04 C03 C03 C04 C03 C03 C03 C04 C03 C03 C04 C03 C03 C04 C03 C03 C04 C03 C03 C04 C03 C04 C03 C04 C03 C04 C03 C04 C03 C04 C03 C04 C04 C03 C04 C03 C04 C03 C04 C03 C03 C04 C02 C03 C03 C03 C04 C03 C03 C03 C03 C03 C03 C03 C03 C03 C03	To understand the importance of nanomaterials. To appreciate the importance of green approach in chemistry. To understand the uses and importance of computational calculations in To understand the role of chemistry in human happiness index and life To understand the importance of petrochemicals. To appreciate the importance and to familiarise the opportunities of To analyse the role of catalysts in industrial processes. To understand various classification of polymers and types of To understand the importance of processing techniques. To characterise different commercial polymers and to understand the To understand the importance of drugs in human health. To understand the facts about common diseases and treatment. To identify the presence of toxic substances in atmosphere. To apply chemistry in treatment of water and sewage. To enable the students to develop analytical skills in determining the physical To develop skill in setting up an experimental method to determine the physical To understand Conductometry.
6 6 6 6 6	CHE6B12 CHE6B13(E1) CHE6B13(E2 CHE6B13(E3) CHE6B14(P)	Advanced and Applied Chemistry         Elective 1. INDUSTRIAL CHEMISTRY         Elective 2. POLYMER CHEMISTRY         Elective 3. MEDICINAL AND ENVIRONMENTAL CHEMISTRY         PHYSICAL CHEMISTRY PRACTICAL	CO1 CO2 CO3 CO4 CO1 CO2 CO3 CO4 CO1 CO2 CO3 CO4 CO1 CO2 CO3 CO4 CO1 CO2 CO3 CO4 CO1 CO2 CO3 CO4 CO1 CO2 CO3 CO4 CO1 CO2 CO3 CO3 CO4 CO3 CO4 CO3 CO4 CO3 CO4 CO3 CO4 CO3 CO4 CO3 CO4 CO3 CO4 CO3 CO3 CO4 CO3 CO4 CO3 CO3 CO3 CO3 CO3 CO3 CO3 CO3 CO3 CO3	To understand the importance of nanomaterials. To appreciate the importance of green approach in chemistry. To understand the uses and importance of computational calculations in To understand the role of chemistry in human happiness index and life To understand the importance of petrochemicals. To appreciate the importance and to familiarise the opportunities of To analyse the role of catalysts in industrial processes. To understand various classification of polymers and types of To understand the importance of processing techniques. To characterise different commercial polymers and to understand the To understand the importance of drugs in human health. To understand the importance of drugs in human health. To understand the facts about common diseases and treatment. To identify the presence of toxic substances in atmosphere. To apply chemistry in treatment of water and sewage. To enable the students to develop analytical skills in determining the physical To develop skill in setting up an experimental method to determine the physical To understand Conductometry.
6 6 6 6 6	CHE6B12 CHE6B13(E1) CHE6B13(E2 CHE6B13(E3) CHE6B14(P)	Advanced and Applied ChemistryElective 1. INDUSTRIAL CHEMISTRYElective 2. POLYMER CHEMISTRYElective 3. MEDICINAL AND ENVIRONMENTAL CHEMISTRYPHYSICAL CHEMISTRY PRACTICAL	C01 C02 C03 C04 C01 C02 C03 C04 C01 C02 C03 C04 C01 C02 C03 C04 C01 C02 C03 C04 C01 C02 C03 C04 C01 C02 C03 C04 C01 C02 C03 C04 C03 C04 C04 C01 C02 C03 C04 C04 C01 C02 C03 C04 C04 C01 C02 C03 C04 C04 C01 C02 C03 C04 C04 C01 C02 C03 C04 C04 C01 C02 C03 C04 C01 C02 C03 C04 C01 C02 C03 C04 C01 C02 C03 C04 C01 C02 C03 C04 C01 C02 C03 C04 C01 C02 C03 C04 C01 C02 C03 C04 C01 C02 C03 C04 C01 C02 C03 C04 C01 C02 C03 C04 C01 C02 C03 C04 C04 C03 C04 C04 C04 C04 C04 C04 C04 C04 C04 C04	To understand the importance of nanomaterials. To appreciate the importance of green approach in chemistry. To understand the uses and importance of computational calculations in To understand the role of chemistry in human happiness index and life To understand the importance of petrochemicals. To appreciate the importance and to familiarise the opportunities of To analyse the role of catalysts in industrial processes. To understand various classification of polymers and types of To understand the importance of processing techniques. To characterise different commercial polymers and to understand the To understand the importance of drugs in human health. To understand the importance of drugs in human health. To understand the facts about common diseases and treatment. To identify the presence of toxic substances in atmosphere. To apply chemistry in treatment of water and sewage. To enable the students to develop analytical skills in determining the physical To understand Conductometry. To enable the students to develop analytical skills in organic qualitative analysis.
6 6 6 6 6	CHE6B12 CHE6B13(E1) CHE6B13(E2 CHE6B13(E3) CHE6B14(P)	Advanced and Applied ChemistryElective 1. INDUSTRIAL CHEMISTRYElective 2. POLYMER CHEMISTRYElective 3. MEDICINAL AND ENVIRONMENTAL CHEMISTRYPHYSICAL CHEMISTRY PRACTICALORGANIC CHEMISTRY	C01 C02 C03 C04 C01 C02 C03 C04 C01 C02 C03 C04 C01 C02 C03 C04 C01 C02 C03 C04 C01 C02 C03 C04 C01 C02 C03 C04 C01 C02 C03 C04 C01 C02 C03 C04 C01 C02 C03 C04 C01 C02 C03 C04 C01 C02 C03 C04 C01 C02 C03 C04 C01 C02 C03 C04 C01 C02 C03 C04 C01 C02 C03 C04 C01 C02 C03 C04 C01 C02 C03 C03 C04 C01 C02 C03 C04 C01 C02 C03 C03 C01 C02 C03 C03 C01 C02 C03 C03 C01 C02 C03 C03 C01 C02 C03 C03 C01 C02 C03 C03 C01 C02 C03 C03 C04 C01 C02 C03 C03 C04 C03 C04 C04 C02 C03 C04 C03 C04 C04 C02 C03 C04 C04 C03 C04 C04 C02 C03 C04 C04 C02 C03 C04 C01 C02 C03 C04 C01 C02 C03 C04 C02 C03 C03 C04 C03 C02 C03 C04 C03 C02 C03 C04 C03 C03 C03 C04 C03 C03 C03 C04 C03 C03 C03 C04 C03 C03 C04 C04 C01 C02 C03 C04 C04 C01 C02 C03 C04 C04 C01 C02 C03 C04 C04 C01 C02 C03 C04 C04 C01 C02 C03 C04 C04 C01 C02 C03 C04 C04 C02 C03 C04 C04 C02 C03 C04 C04 C02 C03 C04 C04 C02 C03 C02 C03 C02 C03 C03 C03 C03 C03 C03 C03 C03 C03 C03	To understand the importance of nanomaterials. To appreciate the importance of green approach in chemistry. To understand the uses and importance of computational calculations in To understand the role of chemistry in human happiness index and life To understand the importance of petrochemicals. To appreciate the importance and to familiarise the opportunities of To analyse the role of catalysts in industrial processes. To understand various classification of polymers and types of To understand the importance of processing techniques. To characterise different commercial polymers and to understand the To understand the importance of drugs in human health. To understand the facts about common diseases and treatment. To identify the presence of toxic substances in atmosphere. To apply chemistry in treatment of water and sewage. To enable the students to develop analytical skills in determining the physical To understand Conductometry. To enable the students to develop analytical skills in organic qualitative analysis. To develop talent in organic preparations to ensure maximum yield.
6 6 6 6 6 6	CHE6B12 CHE6B13(E1) CHE6B13(E2 CHE6B13(E3) CHE6B14(P) CHE6B15(P	Advanced and Applied ChemistryElective 1. INDUSTRIAL CHEMISTRYElective 2. POLYMER CHEMISTRYElective 3. MEDICINAL AND ENVIRONMENTAL CHEMISTRYPHYSICAL CHEMISTRY PRACTICALORGANIC CHEMISTRY PRACTICAL	C01 C02 C03 C04 C01 C02 C03 C04 C01 C02 C03 C04 C01 C02 C03 C04 C01 C02 C03 C04 C01 C02 C03 C04 C01 C02 C03 C04 C01 C02 C03 C04 C01 C02 C03 C04 C01 C02 C03 C04 C01 C02 C03 C04 C01 C02 C03 C04 C01 C02 C03 C04 C01 C02 C03 C04 C01 C02 C03 C04 C01 C02 C03 C04 C01 C02 C03 C04 C01 C02 C03 C04 C01 C02 C03 C04 C01 C02 C03 C03 C04 C01 C02 C03 C03 C04 C01 C02 C03 C03 C04 C01 C02 C03 C04 C01 C02 C03 C04 C01 C02 C03 C04 C04 C01 C02 C03 C04 C04 C02 C03 C04 C04 C04 C02 C03 C04 C04 C04 C02 C03 C04 C04 C04 C04 C02 C03 C04 C04 C04 C04 C04 C04 C04 C04 C04 C04	To understand the importance of nanomaterials. To appreciate the importance of green approach in chemistry. To understand the uses and importance of computational calculations in To understand the role of chemistry in human happiness index and life To understand the importance of petrochemicals. To appreciate the importance and to familiarise the opportunities of To analyse the role of catalysts in industrial processes. To understand various classification of polymers and types of To understand the importance of processing techniques. To characterise different commercial polymers and to understand the To understand the importance of drugs in human health. To understand the importance of drugs in human health. To understand the facts about common diseases and treatment. To identify the presence of toxic substances in atmosphere. To apply chemistry in treatment of water and sewage. To enable the students to develop analytical skills in determining the physical To understand Conductometry. To enable the students to develop analytical skills in organic qualitative analysis. To develop talent in organic preparations to ensure maximum yield. To apply the concept of melting or boiling points to check the purity of To enable the students for boiling points to check the purity of
6 6 6 6 6 6	CHE6B12 CHE6B13(E1) CHE6B13(E2 CHE6B13(E3) CHE6B14(P) CHE6B15(P	Advanced and Applied ChemistryElective 1. INDUSTRIAL CHEMISTRYElective 2. POLYMER CHEMISTRYElective 3. MEDICINAL AND ENVIRONMENTAL CHEMISTRYPHYSICAL CHEMISTRY PRACTICALORGANIC CHEMISTRY PRACTICAL	C01 C02 C03 C04 C01 C02 C03 C01 C02 C03 C04 C01 C02 C03 C04 C01 C02 C03 C04 C01 C02 C03 C04 C01 C02 C03 C04 C01 C02 C03 C04 C01 C02 C03 C04 C01 C02 C03 C04 C01 C02 C03 C04 C01 C02 C03 C04 C01 C02 C03 C04 C01 C02 C03 C04 C01 C02 C03 C04 C01 C02 C03 C04 C01 C02 C03 C04 C01 C02 C03 C04 C01 C02 C03 C03 C01 C02 C03 C03 C01 C02 C03 C03 C01 C02 C03 C03 C01 C02 C03 C03 C04 C01 C02 C03 C04 C01 C02 C03 C04 C01 C02 C03 C04 C01 C02 C03 C04 C01 C02 C03 C04 C01 C02 C03 C04 C01 C02 C03 C04 C01 C02 C03 C04 C01 C02 C03 C04 C01 C02 C03 C04 C01 C02 C03 C04 C01 C02 C03 C04 C01 C02 C03 C04 C01 C02 C03 C03 C04 C01 C02 C03 C04 C01 C02 C03 C04 C01 C02 C03 C04 C01 C02 C03 C04 C01 C02 C03 C04 C01 C02 C03 C04 C01 C02 C03 C04 C01 C02 C03 C04 C01 C02 C03 C04 C01 C02 C03 C04 C01 C02 C03 C04 C01 C02 C03 C04 C01 C02 C03 C03 C04 C01 C02 C03 C04 C01 C02 C03 C03 C04 C02 C03 C03 C04 C02 C03 C03 C04 C02 C03 C03 C03 C03 C03 C03 C03 C03 C03 C03	To understand the importance of nanomaterials. To appreciate the importance of green approach in chemistry. To understand the uses and importance of computational calculations in To understand the role of chemistry in human happiness index and life To understand the importance of petrochemicals. To appreciate the importance and to familiarise the opportunities of To analyse the role of catalysts in industrial processes. To understand various classification of polymers and types of To understand the importance of processing techniques. To characterise different commercial polymers and to understand the To understand the importance of drugs in human health. To understand the facts about common diseases and treatment. To identify the presence of toxic substances in atmosphere. To apply chemistry in treatment of water and sewage. To enable the students to develop analytical skills in determining the physical To understand Conductometry. To enable the students to develop analytical skills in organic qualitative analysis. To develop talent in organic preparations to ensure maximum yield. To apply the concept of melting or boiling points to check the purity of To analyse and characterise simple organic functional groups.
6 6 6 6 6 6	CHE6B12 CHE6B13(E1) CHE6B13(E2 CHE6B13(E3) CHE6B14(P) CHE6B15(P	Advanced and Applied ChemistryElective 1. INDUSTRIAL CHEMISTRYElective 2. POLYMER CHEMISTRYElective 3. MEDICINAL AND ENVIRONMENTAL CHEMISTRYPHYSICAL CHEMISTRY PRACTICALORGANIC CHEMISTRY PRACTICAL	CO1 CO2 CO3 CO4 CO1 CO2 CO3 CO4 CO1 CO2 CO3 CO4 CO1 CO2 CO3 CO4 CO1 CO2 CO3 CO4 CO1 CO2 CO3 CO4 CO1 CO2 CO3 CO4 CO1 CO2 CO3 CO4 CO2 CO3 CO4 CO2 CO3 CO4 CO1 CO2 CO3 CO4 CO1 CO2 CO3 CO4 CO1 CO2 CO3 CO3 CO4 CO1 CO2 CO3 CO3 CO1 CO2 CO3 CO3 CO1 CO2 CO3 CO3 CO1 CO2 CO3 CO3 CO1 CO2 CO3 CO3 CO1 CO2 CO3 CO3 CO1 CO2 CO3 CO3 CO1 CO2 CO3 CO3 CO1 CO2 CO3 CO3 CO1 CO2 CO3 CO3 CO1 CO2 CO3 CO3 CO3 CO1 CO2 CO3 CO3 CO1 CO2 CO3 CO3 CO1 CO2 CO3 CO3 CO4 CO1 CO2 CO3 CO3 CO4 CO3 CO3 CO4 CO3 CO3 CO4 CO3 CO3 CO4 CO2 CO3 CO3 CO4 CO2 CO3 CO3 CO3 CO3 CO3 CO3 CO3 CO3 CO3 CO3	To understand the importance of nanomaterials. To appreciate the importance of green approach in chemistry. To understand the uses and importance of computational calculations in To understand the role of chemistry in human happiness index and life To understand the importance of petrochemicals. To appreciate the importance and to familiarise the opportunities of To analyse the role of catalysts in industrial processes. To understand various classification of polymers and types of To understand the importance of processing techniques. To characterise different commercial polymers and to understand the To understand the importance of drugs in human health. To understand the facts about common diseases and treatment. To identify the presence of toxic substances in atmosphere. To apply chemistry in treatment of water and sewage. To enable the students to develop analytical skills in determining the physical To understand Conductometry. To enable the students to develop analytical skills in organic qualitative analysis. To develop talent in organic preparations to ensure maximum yield. To apply the concept of melting or boiling points to check the purity of To analyse and characterise simple organic functional groups. To analyse individual amino acids from a mixture using chromatography.
6 6 6 6 6 6	CHE6B12 CHE6B13(E1) CHE6B13(E2 CHE6B13(E3) CHE6B14(P) CHE6B15(P	Advanced and Applied ChemistryElective 1. INDUSTRIAL CHEMISTRYElective 2. POLYMER CHEMISTRYElective 3. MEDICINAL AND ENVIRONMENTAL CHEMISTRYPHYSICAL CHEMISTRY PRACTICALORGANIC CHEMISTRY PRACTICALINORGANIC CHEMISTRY	CO1 CO2 CO3 CO4 CO1 CO2 CO3 CO4 CO1 CO2 CO3 CO4 CO1 CO2 CO3 CO4 CO1 CO2 CO3 CO4 CO1 CO2 CO3 CO4 CO1 CO2 CO3 CO4 CO1 CO2 CO3 CO4 CO1 CO2 CO3 CO4 CO2 CO3 CO4 CO2 CO3 CO4 CO1 CO2 CO3 CO4 CO1 CO2 CO3 CO4 CO1 CO2 CO3 CO3 CO4 CO1 CO2 CO3 CO3 CO4 CO1 CO2 CO3 CO3 CO1 CO2 CO3 CO3 CO1 CO2 CO3 CO3 CO1 CO2 CO3 CO3 CO1 CO2 CO3 CO3 CO1 CO2 CO3 CO3 CO1 CO2 CO3 CO3 CO1 CO2 CO3 CO3 CO1 CO2 CO3 CO3 CO4 CO1 CO2 CO3 CO3 CO4 CO1 CO2 CO3 CO3 CO4 CO1 CO2 CO3 CO3 CO4 CO1 CO2 CO3 CO4 CO1 CO2 CO3 CO4 CO2 CO3 CO4 CO2 CO3 CO4 CO2 CO3 CO3 CO4 CO2 CO3 CO3 CO4 CO2 CO3 CO3 CO4 CO2 CO3 CO3 CO4 CO3 CO4 CO2 CO3 CO4 CO2 CO3 CO4 CO3 CO4 CO3 CO4 CO3 CO4 CO3 CO4 CO2 CO3 CO4 CO3 CO4 CO2 CO3 CO4 CO3 CO4 CO3 CO4 CO2 CO3 CO4 CO3 CO4 CO3 CO4 CO2 CO3 CO4 CO2 CO3 CO4 CO3 CO4 CO2 CO3 CO4 CO2 CO3 CO4 CO3 CO4 CO2 CO3 CO4 CO2 CO3 CO3 CO4 CO2 CO3 CO3 CO4 CO2 CO3 CO3 CO4 CO2 CO3 CO3 CO3 CO2 CO3 CO3 CO3 CO3 CO3 CO3 CO3 CO3 CO3 CO3	To understand the importance of nanomaterials. To appreciate the importance of green approach in chemistry. To understand the uses and importance of computational calculations in To understand the role of chemistry in human happiness index and life To understand the importance of petrochemicals. To appreciate the importance and to familiarise the opportunities of To analyse the role of catalysts in industrial processes. To understand various classification of polymers and types of To understand the importance of processing techniques. To characterise different commercial polymers and to understand the To understand the importance of drugs in human health. To understand the facts about common diseases and treatment. To identify the presence of toxic substances in atmosphere. To apply chemistry in treatment of water and sewage. To enable the students to develop analytical skills in determining the physical To understand Conductometry. To enable the students to develop analytical skills in organic qualitative analysis. To dayly the concept of melting or boiling points to check the purity of To analyse individual amino acids from a mixture using chromatography. To enable the students to develop analytical skills in inorganic quantitative
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			CO4	To understand the importance of metals in biological systems.
2	CHE2C02	Complementary Course II: PHYSICAL CHEMISTRY	CO1	To understand the importance of free energy in defining spontaneity.
			CO2	To realise the theories of different states of matter and their implication.
			CO3	To understand the basic principles of electrochemistry.
3	CHE3C03		CO1	To understand the basic concepts involved in reaction intermediates.
			CO2	To realise the importance of optical activity and chirality.
			CO3	To appreciate the importance of functional groups and aromatic stability.
			CO4	To understand the basic structure and importance of carbohydrates, nucleic
4	CHE4C04	Complementary Course IV: PHYSICAL AND APPLIED CHEMISTRY	CO1	To understand the basic concepts behind colloidal state and nanochemistry.
			CO2	To understand the importance of green chemistry and pollution prevention.
			CO3	To appreciate the importance of different separation methods and spectral
			CO4	To understand the extent of chemistry in daily life.
	CHE4C05(P)	Complementary Course V: CHEMISTRY PRACTICAL	CO1	To enable the students to develop analytical skills in inorganic quantitative
			CO2	To analyse systematically mixtures containing two cations.
5	CHE5D02	Open Course 2: CHEMISTRY IN DAILY LIFE	CO1	Understand the basics of polymer chemistry.
			CO2	Explain the functions of biomolecules, vitamins, enzymes, hormones and nucleic
			CO3	Describe food additives and food habits.
			CO4	Explain the uses of pesticides and fertilizers and their impacts on the
			CO5	Understand advantages and disadvantages of cleansing agents and cosmetics.
			CO6	Recognize the common classes of drugs in pharmaceutical industry and their
			C07	Understand the basic concepts and processes in petroleum industry.