SOKA IKEDA COLLEGE OF ARTS AND SCIENCE FOR WOMEN
(Affiliated to the University of Madras)
Chennai 600 099, Tamilnadu.

DEPARTMENT OF TAMIL

B. A. TAMIL

Course Outcomes

2022 - 2023			
COURSE CODE	**COURSE NAME**	**COS**	**COURSE OUTCOMES**
I YEAR - I SEMESTER			
AT21A	**Ikkala Elakkiyam**	After completing the course, the students will be able to	
		CO1	Learn the content of both traditional and modern poetry.
		CO2	Learn the social stages of expressive with the novels. Literature.
		CO3	Understand the elements of the short stories.
		CO4	Understand the nature of drama.
		CO5	Learn the objectives and trends of travel literature.
AT21B	**Pura Porul Venba Malai**	**CO1**	Learn the ancient Tamil warfare through Vetchi Padalam and Karantai Padalam.
		CO2	Gain knowledge of war ethics through Vanchi Padalam and Kanchi Padalam.
		CO3	Learn the war tactics of Nocchi Padalam and Uzhinai Padalam.
		CO4	Learn the art of war through Thumbai Padalam and Vagai Padalam.
		CO5	Understand the greatness of the Puram life of ancient Tamils in Paatan Padalam.
AT31A	**Thamizhaga Varalarum Panpadum**	**CO1**	Know the ruling system of Tamilnadu from Sangam to the Pallava Period.
		CO2	Understand the changes in Tamil society due to the result of religious influence.
		CO3	Understand the development of art and cultural of Tamilnadu.
		CO4	Learn the political and social system of Tamilnadu.
		CO5	Learn about the historical stages of changes in the government of Tamilnadu and the literary development in Tamilnadu.
I YEAR - II SEMESTER			
		CO1	Know the principles of Tirukkural.
		CO2	Learn the Morals in Nalatiyar, Naanmanikadikai

			and Pazamozhi Naanooru.
AT22A	**Ara Ilakkiyam**	**CO3**	Understand the values of life through Thirikadugam, Inna Narpathu, Iniyavai Narpathu, Sirupanchamoolam.
		CO4	Learn ethics of life in Elathi, Acharakovai, Moothurai, Nanneri and Neethineri Vilakkam.
		CO5	Learn ethics through Aathichoodi, Kondrai Vendan, Vetri Verkai and Ulaga Neethi.
AT22B	**Nambiyagaporul**	**CO1**	Learn the grammar of Akattinaiyiyal.
		CO2	Understand the grammar of Kalavu life through Kalaviyal.
		CO3	Learn about the life of Sangath Tamils from Varaiviyal.
		CO4	Understand the grammar of post-marital life of from Karpiyal.
		CO5	Understand the contents of the Ozhepiyal.
AT32A	**Tamizhilakiya Varalaru**	**CO1**	Learn the division between the Dravidian language and Sangam literature.
		CO2	Learn the history of Didactic, Epic and Bhakti literatures.
		CO3	Learn the structure of epics and the aesthetic sense of religious literatures.
		CO4	Understand the development and history of minor literary genres, 19th century and Islamic literatures.
		CO5	Understand the origin and development of Christian, Foreign literatures and Dramas.
II YEAR - III SEMESTER			
AT23A	**Nannul Ezuthadhigaram**	**CO1**	Understand the structure of a text through Payiraviyal.
		CO2	Learn the grammatical features of syllables.
		CO3	Understand the features of words through Pathaviyal.
		CO4	Know the functions of vowels by Uyir Etru Punarchi.
		CO5	Understand the functions of consonants and other grammar elements.
AT23B	**Kappiyangal**	**CO1**	Learn the structure of epics through Irattaik Kappiyangal.
		CO2	Understand the aesthetic nature of Epics.
		CO3	Know the literary values of Puranas.
		CO4	Understand the greatness of Tamil religious Epics.

		CO5	Know the content of modern Epics.
AT33A	**Nattupuraviyal**	**CO1**	Understand the origin and development of folklore.
		CO2	Learn the different kinds of folk songs.
		CO3	Learn the culture of Tamil people from their stories and narratives.
		CO4	Learn the social structure of people through proverbs and riddles.
		CO5	Evaluate the research methodology applied in folklore research.
II YEAR - IV SEMESTER			
AT24A	**Nannool Solathikaram**	**CO1**	Learn the types of nouns.
		CO2	Learn the types of verbs.
		CO3	Understand the grammar of Pothuviyal.
		CO4	Learn about the general grammar of Itaisol.
		CO5	Learn the contents of Urisol.
AT24B	**Bhakthi Ilakkiyangal**	**CO1**	Know the Medieval period Bhakti Literature like Saiva literature.
		CO2	Understand the methods of worship through Vaishnava literature.
		CO3	Learn the literary forms of medieval period literatures.
		CO4	Know the morals emphasized by Christian literature.
		CO5	Learn the concepts and features of Islamic literature.
AT34A	**Thagaval Thodarbiyal**	**CO1**	Learn the principles and theories of communication.
		CO2	Learn about communication devices.
		CO3	Understand the uses of Radio.
		CO4	Understand the current needs of television.
		CO5	Know the merits and demerits of advertisements.
III YEAR - V SEMESTER			
AT25A	**Sittrilakkiangal**	**CO1**	Acquire knowledge of Kuravanji literature from Sittrilakkiangal.
		CO2	Learn the aesthetic features of Pallu and Ula literature.
		CO3	Acquire literary knowledge about the stages of Masculine and Feminine from Pillaitamil.
		CO4	Learn the content and elements of Bharani and Anthadi literature.
		CO5	Learn about the literary forms and contents of Duthu Literature.

AT25B	**Yaparungalakarigai**	**CO1**	Learn the concept of Ezhthu, Asai, and Seer from Yapu.
		CO2	Understand sentence formation through Assai, Seer, Thalai and Thodai.
		CO3	Learn the various poetical concepts in Seyyuliyal.
		CO4	Understand the kinds of poetry in Seyyuliyal.
		CO5	Develop the ability to create traditional poetry.
AT25C	**Dravida Mozhigalin Oppilakkanam**	**CO1**	Learn the introduction of Dravidian languages existed in Indian and beyond.
		CO2	Understand the greatness of the Dravidian language family.
		CO3	Learn the similarities of Dravidian languages in grammatical structures.
		CO4	Learn the verb formation of Dravidian languages.
		CO5	Understand the language structures and semantic structures of Dravidian languages.
AT25D	**Illakkiaya Thirnaivu**	**CO1**	Understand the origin, development and types of Tamil Literature.
		CO2	Understand the quality of a researcher, types of criticism and the art of poetry.
		CO3	Learn the elements of literature like emotion, imagination, concept and form.
		CO4	Learn the criticism of poetry.
		CO5	Understand the methods of criticizing novels, dramas and short stories.
AT45A	**Agaraadhiyiyal**	**CO1**	Learn the definition of the dictionary and theory of semantics.
		CO2	Understand the salient features of the dictionary in grammatical text and the elements of pre-dictionary.
		CO3	Know the Lexical elements of grammar and pre-syllabic notes.
		CO4	Understand the history of Tamil dictionary in chronological order.
		CO5	Understand the different types and usage of Tamil dictionaries and learn about encyclopaedias in Tamil.
III YEAR - VI SEMESTER			
AT26A	**Sanga Ilakkiyam**	**CO1**	Understand the content of Natrinai and Kurunthogai.
		CO2	Learn the literary form of Ainkurunuru and Paripadal.
		CO3	Learn the social states of ancient Tamils through

			Kalithogai and Agananooru.
		CO4	Understand the Puram morals through Purananooru and Pathitrupathu.
		CO5	Understand the lifestyle and import and export trading of Tamils in Patinapaalai.
AT26B	**Thandiyalangaram**	**CO1**	Know the grammar of Ani from Thanmai Ani to Tivaka Ani.
		CO2	Learn the formation methods of Pinvarunilaiyani to Ottani.
		CO3	Understand the contents of Athisaya Ani to Tanmempatturai Ani.
		CO4	Understand the beauty of Pariyaya ani to Virota ani.
		CO5	Learn the concepts of Marupatu Pukhazhi Ani to Pavika Ani.
AT26C	**Padaippuillakiyam Mozhipeyarpum**	**CO1**	Learn about creative literature and learn to write poetry.
		CO2	Learn the elements of a short story and practice it to create.
		CO3	Understand the basics of translation.
		CO4	Learn to translate from English to Tamil and Tamil to English.
		CO5	Learn to translate the official letters, literature and newspapers.
AT46A	**Thamizhar Azhagu Kalaigal**	**CO1**	Learn the types of aesthetics and systems of architecture.
		CO2	Learn the types and development of sculpture.
		CO3	Understand the antiquity and types of drama with dance and music.
		CO4	Learn the history of drama.
		CO5	Understand the excellence of the fine arts and the development of temple art.
AT46B	**Kanniniyum Innayamum**	**CO1**	Learn about the evolution of the computer.
		CO2	Understand the systems and components of the computer.
		CO3	Know the computer languages and types.
		CO4	Learn about usages of internet.
		CO5	Learn to create and use an email address and learn about the importance of an email id.

DEPARTMENT OF ENGLISH

B. A. ENGLISH

Course Outcomes

2022 - 2023			
COURSE CODE	**COURSE NAME**	**CO'S**	**COURSE OUTCOMES**
I YEAR – I SEMESTER			
AG21A	**British Literature- I**		After doing this course, the students will be able to
		CO 1	-understand the impact of social and historical events of the 16th, 17th, and 18th centuries on English writers and their works.
		CO 2	-analyse the themes and styles in English poetry, prose and drama written in the Elizabethan and Jacobean Age.
		CO 3	-assess different works of the same author(s) as well as compare works of different authors of the same literary period.
		CO 4	-explore renowned poets of Britain and the poetic techniques used by them.
		CO 5	- analyze the Elizabethan drama and its techniques and the various themes dealt by the dramatist of the period.
AG21B	**Shakespeare**		After doing this course, the students will be able to
		CO 1	-recollect features of Elizabethan theatre along with Shakespeare's life and works.
		CO 2	- identify the generic diversity in Shakespearean plays and describe significant features of Shakespearean oeuvre.
		CO 3	- analyse prominent themes in Shakespearean plays appreciate Shakespearean language, literary elements, and conventions.
		CO 4	- synthesise acquired knowledge to critique plays and enact.
		CO 5	- know the political condition of England and their rule.
			At the end of this course students will be able to:
		CO 1	- identify and define basic terms and concepts which are needed for advanced courses in British literature.

AG31A (Allied)	**Background to English Literature -I**	**CO 2**	- describe the distinct periods of British literature.
		CO 3	- write brief notes on seminal literary forms and devices.
		CO 4	- write brief essays on seminal writers and their period from Medieval Europe up to the Britain of the Elizabethan and Jacobean Age.
		CO 5	- write brief essays on the historical background of the same period.
I YEAR – II SEMESTER			
AG22A	**British Literature- II**		At the end of this course, students will be able to
		CO 1	- identify and define basic terms and concepts which are needed for advanced courses in British literature.
		CO 2	- write brief essays on the important works of mainstream writers from the Augustan and Romantic Age.
		CO 3	- describe the distinct features of British literature of the same period.
		CO 4	- analyze and interpret seminal poetry of the period with close reading.
		CO 5	- analyze the writing style and techniques used by the writers.
AG22B	**Indian Writing in English**		By the end of the course, students will be able to
		CO 1	- understand the evolution of Indian Writing in English.
		CO 2	- identify the influence of Classical Indian tradition and the impact of western colonisation on Indian English writers.
		CO 3	- analyse the Indian ethos found in the representative texts.
		CO 4	- evaluate Indian English texts from the postcolonial perspective.
		CO 5	- understand the Gandhian principles during the freedom struggle.
AG32A (Allied)	**Background to English Literature -II**		At the end of this course students will be able to:
		CO 1	- identify and define basic terms and concepts which are needed for advanced courses in British literature.
		CO 2	- describe the distinct periods of British literature.
		CO 3	- write brief notes on literary forms.
		CO 4	- write brief essays on seminal writers from

			Britain of the Augustan and Romantic and Victorian Age.
		CO 5	- write brief essays on the historical background of the same period.
II YEAR – III SEMESTER			
AG23A	**British Literature- III**		At the end of this course students will be able to:
		CO 1	- identify and define basic terms and concepts which are needed for advanced courses in British literature.
		CO 2	- write brief essays describing the distinct features of the important works of mainstream writers from Victorian Age and Twentieth Century.
		CO 3	- analyze and interpret seminal poetry of the period with close reading.
		CO 4	- analyze the writing style and techniques used by the writers.
		CO 5	- analyze the Genres of Fiction.
AG23B	**Aspects of English Language-I**		After completing this course, the students will be able to
		CO 1	- show their understanding of language and its features.
		CO 2	- demonstrate their understanding of English grammar using the English language correctly.
		CO 3	- distinguish between correct and incorrect use of the language.
		CO 4	- use their English language correctly in real life experiences.
		CO 5	- understand the nuances of language usage
AG33A (Allied)	**Background to English Literature -III**		At the end of this course students will be able to
		CO 1	- identify and define basic terms and concepts which are needed for advanced courses in British literature.
		CO 2	- describe the distinct periods of British literature.
		CO 3	- write brief notes on literary forms.
		CO 4	- write brief essays on seminal writers from Britain in the Twentieth century.
		CO 5	- write brief essays on the historical background of the same period.
II YEAR – IV SEMESTER			
	American Literature		After doing the course, students will be able to
		CO 1	- trace the origin and history of American Literature.

AG24A		**CO 2**	- explain the cultural, political, and stylistic protocols governed by early American literature to gain the concept of feminism.
		CO 3	- analyze the impact of Puritanism and the significance of Transcendentalism using the prescribed texts.
		CO 4	- assess thematic aspects of literary texts as a part of the cultural and historical movements.
		CO 5	- evaluate new forms of space, identity, and writing that transform the canonical English literary structures
AG24B	**Aspects of English Language-II**		After doing the course, students will be
		CO 1	- familiar with the use of English phonetics.
		CO 2	- familiar with the nuances of the English language better.
		CO 3	- able to use the English language with its aspects.
		CO 4	- able to pronounce consciously the words and sentences better.
		CO 5	- The students will have more knowledge on the word's meaning and its associative.
AG34A (Allied)	**Background to European and American Literature**		At the end of this course, students will be able to:
		CO 1	- identify and define basic terms and concepts which are needed for the advanced courses in European and American literature.
		CO 2	- write brief essays on the historical background of European and American Literatures.
		CO 3	- understand the social, economic, political, and architecture of ancient Greek and Rome.
		CO 4	- describe the culture and the development of Christianity in western countries.
		CO 5	-understand the impact of World Wars on people and society.
III YEAR – V SEMESTER			
AG25A	**American Literature -II**		After doing the course, students will be able to
		CO 1	- evaluate new forms of space, identity, and writing that transformed canonical English literary structures.
		CO 2	- assess thematic aspects of literary texts as a part of the cultural and historical movements in America.
		CO 3	- students understand the background and origin of American Poetry.

		CO 4	- understand the historical background of the text more clearly.
		CO 5	- gain knowledge of some aspects of American English usage.
AG25B	**World Classics in Translation**		At the end of this course students will be able to:
		CO 1	- understand a few world classics.
		CO 2	- acquire historical and cultural knowledge of the past.
		CO 3	- develop critical thinking by being exposed to the original ideas and philosophies of writers of the world.
		CO 4	- write about the early literatures, writers, and their literary styles.
		CO 5	- acquire the knowledge of the past precisely Greek and Tamil Classics
AG25C	**Aspects of English Language-III**		After completing this course, students will be able to
		CO 1	- use English with a thorough understanding of the different ways in which English is used in India.
		CO 2	- comprehend and respond to American and British English.
		CO 3	- improve their pre-writing and post-writing skills.
		CO 4	- use their writing skills to produce good write - ups.
		CO 5	- communicate with ease through mail, blogs, and microblogs.
AG25D	**Introduction to Literary Criticism**		By the end of this course, the students will be able to
		CO 1	- remember the critical thinkers or philosophers and their seminal works.
		CO 2	- understand the significance of major critical theories.
		CO 3	- analyze the themes and structure of literary works.
		CO 4	- examine dominant ideologies in a literary work.
		CO 5	- evaluate a literary work using a theoretical framework.
			By the end of this course, the students will be able to
		CO 1	- familiar with ELT theories on second language acquisition.

AG45B	**English Language Teaching**	**CO 2**	- understand the factors governing language acquisition.
		CO 3	- acquire knowledge about the history of ELT in India.
		CO 4	- become acquainted with teaching – learning language skills.
		CO 5	- learn how to teach English literary genres
III YEAR- VI SEMESTER			
AG26A	**Post-Colonial Literature**		On completing the course, the students will be able to
		CO 1	- define the problems and consequences of colonization.
		CO 2	- identify key authors, and literary forms in postcolonial literature.
		CO 3	- understand how ancestry, race, class, gender, history, and identity are presented in literary texts.
		CO 4	- examine the use of the English language by the colonized to express their experiences and the emergence of 'Englishes'.
		CO 5	- think critically about the context of exploration and colonialism in relation to postcolonial societies.
AG26B	**Contemporary Literature**		At the end of the course, the students will be able to
		CO 1	- examine the representation of contemporary trends, thematic concerns and innovations in genres.
		CO 2	- identify key concepts like, multiculturalism, globalization, acculturation, displacement, alienation, and identity crisis in contemporary texts post World War II.
		CO 3	- categorize major streams of thought, literary styles and issues that dominate the world.
		CO 4	- analyze the inter-connectedness of human experiences with a developed understanding of their social, cultural, and aesthetic contexts.
		CO 5	- develop an understanding of contemporary social issues.
			By the end of the course, the students will be able to
		CO 1	- remember the background of Indian literary tradition and the significance of Indian aesthetics.

AG26C	**Indian Literatures in English**	**CO 2**	- understand the characteristic features of Regional Indian Literature in translation.
		CO 3	- develop a basic perception of the difficulties, possibilities, and challenges in translating a text.
		CO 4	- analyse the regional elements in the prescribed texts.
		CO 5	- evaluate the skills involved in translation of regional Indian literature into English.
AG46B	**Women's Writing**		After completing this course, the students will be able to
		CO 1	- understand the impact of patriarchy on women and become sensitized to the need for gender equality.
		CO 2	- distinguish women's writing as one shaped by their gender experiences.
		CO 3	- identify genres and narrative strategies employed by different women writers and the language used.
		CO 4	- gain an understanding of the themes of suppression, oppression and marginalization expressed by women writers across the world and gauge its effect in changing the social construct.
		CO 5	- analyse literary texts through the perspective of gender.
AG46F	**Film and Literature**		At the end of the course, the students will be able to
		CO 1	- define whatcinema is and its genres.
		CO 2	- identify the aspects of translation from text to screen-visual representation.
		CO 3	- demonstrate a knowledge of film narrative and techniques.
		CO 4	- explain the terminologies for analyzing images, sound and costume in narrative film.
		CO 5	- synthesize the themes and issues portrayed in both forms.
		CO 6	- critically review a film.

DEPARTMENT OF BIOCHEMISTRY

B. Sc. BIOCHEMISTRY

Course Outcomes

2022 - 2023			
COURSE CODE	**COURSE NAME**	**COS**	**COURSE OUTCOMES**
I YEAR - I SEMESTER			
SB21A	**Nutritional Biochemistry**		After completing the course, the students will
		CO1	Acquire awareness about the role of nutrients in maintaining proper health.
		CO2	Understand the nutritional significance of carbohydrates, lipids and proteins.
		CO3	Understand the importance of a balanced diet.
		CO4	Able to correlate the effect of nutrients in the biochemical process.
		CO5	Acquire awareness of human rights.
SD3AA	**Allied – Chemistry I**	**CO1**	Know the fundamentals of nuclear chemistry.
		CO2	Understand the industrial application of fuels, fertilizers and polymers.
		CO3	Understand the basic concepts of Organic Chemistry.
		CO4	Comprehend the various laws of thermodynamics.
		CO5	Understand the basics of photochemistry.
SD3A1	**Allied Chemistry Practical**	**CO1**	Understand the fundamentals of the analysis of organic and inorganic compounds.
		CO2	Be able to qualitatively analyze the organic compounds.
		CO3	Be able to analyze the concentration of various compounds titrimetrically.
I YEAR - II SEMESTER			
SB22A	**Cell Biology**	**CO1**	Understand the structure and basic components of prokaryotic and eukaryotic cells.

		CO2	Be able to comprehend different organelles and their functions.
		CO3	Relate the structure and functions of biomembrane and cytoskeletal elements to membrane transport.
		CO4	Acquire insight into the process underlying mitotic and meiotic cell divisions.
		CO5	Understand the nature of cancer and the principles underlying anti-cancer therapies.
SD3AB	**Allied – Chemistry II**	**CO1**	Understand the fundamentals of coordination chemistry and its applications.
		CO2	Gain knowledge about structural aspects of biologically important compounds.
		CO3	Be introduced to the applications of the phase rule and freezing mixtures.
		CO4	Acquire knowledge about the basics of electrochemistry.
		CO5	Able to describe the basics of analytical chemistry.
SB221	**Major Practical I**	**CO1**	Understand the importance of buffers and their preparation.
		CO2	Be able to analyse the concentration of various compounds titrimetrically.
		CO3	Prepare biochemical compounds like starch and proteins from natural resources.
		CO4	Gain insight into the structure of cells and the process of cell division.
SD3A1	**Allied Chemistry Practical**	**CO1**	Understand the fundamentals of analysis of organic and inorganic compounds.
		CO2	Be able to qualitatively analyze the organic compounds.
		CO3	Be able to analyse the concentration of various compounds titrimetrically.
II YEAR - III SEMESTER			
		CO1	Understand the chemistry of mono and disaccharides and their functions in living systems.

SB23A	**Biomolecules**	**CO2**	Elucidate the structural conformation of different types of polysaccharides.
		CO3	Gain insight into the reactivity of amino acids and the nutritional importance of proteins.
		CO4	Apply the relationship between the structure and functions of peptides and proteins in the biological context.
		CO5	Elucidate the various levels of organization of proteins and their biological importance.
SW3AA	**Allied – Zoology I**	**CO1**	Understand the general classification of invertebrates and chordates.
		CO2	Depict the structural diversity of various animal phyla and their significance.
		CO3	Acquire knowledge about the structural diversity of Amphioxus and Shark and their significance.
		CO4	Understand the structural diversity of Frog and Calotes and their significance.
		CO5	Acquire knowledge of the structural diversity of Pigeon and Rabbit and their significance.
II YEAR - IV SEMESTER			
SB24A	**Biomolecules & Biochemical Techniques**	**CO1**	Gain insight into the classes of lipids, characterization of fats and their biological roles.
		CO2	Comprehend the structure and biological role of sterols and phospholipids.
		CO3	Be able to establish the role of purine and pyrimidine bases in nucleic acid structure.
		CO4	Acquire knowledge of the centrifugation types and their applications.
		CO5	Be able to describe and discuss the principle, instrumentation and applications of various types of spectroscopic techniques in analyzing biological samples.
SW3AB	**Allied – Zoology II**	**CO1**	Understand the basic concept of inheritance, structure of nucleic acids, molecular structure of animal cell and functions of important cell organelles.
		CO2	Be Able to comprehend the concept of developmental stages in animals.

		CO3	Gain knowledge about human organ systems and their physiological role.
		CO4	Acquire knowledge about the physicochemical factors, biogeochemical cycles and sewage water treatment.
		CO5	Understand the theories of evolution Lamarckism, Neo-Lamarckism, Darwinism and Neo-Darwinism.
SB241	**Major Practical II**	**CO1**	Be able to analyze, interpret and identify carbohydrates and amino acids qualitatively.
		CO2	Be able to analyze the quality of lipids (oil).
		CO3	Students will imbibe the usage of paper and thin layer chromatography in biomolecular separation and purification.
		CO4	Be able to analyse and estimate biomolecules in a sample.
SW3A1	**Allied Zoology Practical**	**CO1**	Be able to dissect invertebrate specimen and understand its anatomical features.
		CO2	Be able to mount an invertebrate and vertebrate specimen and understand its anatomical features.
		CO3	Be able to gain knowledge on the morphological structures of various animal phyla through specimen studies.
III YEAR - V SEMESTER			
SB25A	**Enzymes**	**CO1**	Understand the basic concepts, classification and specificity of enzymes.
		CO2	Attain knowledge about enzyme kinetics.
		CO3	Gain insight on enzyme inhibition, mechanism of action and co-enzymes.
		CO4	Understand the methods involved in isolation, s and characterization of enzymes.
		CO5	Be able to discuss about the process of immobilization and applications of enzymes.
		CO1	Understand the concepts of thermodynamics and the mechanism of energy transfer in ETC.

SB25B	**Metabolism**	**CO2**	Gain knowledge on the metabolic fate of the dietary carbohydrates.
		CO3	Acquire knowledge on the metabolic fate of the dietary lipids.
		CO4	Understand the metabolic fate of the dietary proteins.
		CO5	Gain in-depth knowledge on the metabolism of nucleotides and the interrelation among the carbohydrates, fat and protein metabolism.
SB25C	**Analytical Biochemistry**	**CO1**	Understanding the concepts of acids, bases, buffers, various units used. The students also will gain in depth knowledge about the techniques, types, operation and applications of oxygen electrode, microscopy.
		CO2	The students will gain in-depth knowledge about the techniques, types, operation and applications of chromatographic techniques.
		CO3	Attain knowledge on operation and applications of different types of electrophoretic techniques.
		CO4	Acquire understanding on radioisotopes & their application in diagnostic and other industries.
		CO5	Develop a basic understanding on the bioinformatic tools, Nanotechnology and its applications in various fields.
SB45A	**Human Physiology**	**CO1**	Understand the structure, function and different organs of Digestive and urinary system.
		CO2	Attain knowledge on composition of blood and its function, blood clotting mechanism. blood pressure and cardiovascular diseases.
		CO3	Be able to understand the muscular and nervous system and the role of neurotransmitters in physiology.
		CO4	Acquire in depth knowledge about respiratory system and lung disorders.

		CO5	Develop knowledge on the reproductive system and their disorders and also introduce the organization of endocrine systems.
III YEAR - VI SEMESTER			
SB26A	**Clinical Biochemistry**	**CO1**	Be able to describe the causes, types, clinical manifestations and treatment of Diabetes mellitus and various other disorders of carbohydrate metabolism.
		CO2	Ability to enumerate the pathophysiological processes underlying jaundice and the clinical applications of enzymes in diagnosis.
		CO3	Be able to assess the various parameters related to kidney function.
		CO4	Get a holistic understanding regarding the disorders of lipid metabolism and amino acid metabolism.
		CO5	Acquire knowledge about the basics and applications of diagnostic tools.
SB26B	**Molecular Biology**	**CO1**	Gain insight on the Central Dogma of molecular Biology & the organization of genes in prokaryotes and eukaryotes.
		CO2	Be able to discuss about the molecular basis of DNA synthesis, know the importance of the process, and the role of inhibitors of DNA as drugs.
		CO3	Describe the process of RNA synthesis, post transcriptional modifications and apply the same to understand the role of antibiotics.
		CO4	Develop understanding on the deciphering of genetic code and protein synthesis.
		CO5	Comprehend the mechanism of DNA mutation, repair system and the molecular process in disease diagnosis.
SB46A	**Immunology**	**CO1**	Cognizance the different types of immunity, lymphoid organs and the cellular basis of immunity.
		CO2	Be able to understand the types of antigens, antibodies and activation of complements.

		CO3	Comprehend the mechanisms underlying in-vitro reactions between antigen and antibody and relating their application in clinical diagnosis.
		CO4	Apprehend the enormous scope of different types of vaccines.
		CO5	Acquire knowledge on autoimmunity, hyper sensitivity and transplantation immunology.
SB46B	**Biotechnology**	**CO1**	Acquire basic knowledge of recombinant DNA technology, DNA manipulation in prokaryotes and eukaryotes and the role of restriction enzymes.
		CO2	Get an in-depth knowledge on the use of cloning vectors, creation of genomic and DNA libraries and their applications.
		CO3	Perceive the methods of transgenic plants production using recombinant DNA technology and the applications of engineered plant products.
		CO4	Understand the basics of tissue culture, transgenesis and stem cell technology.
		CO5	Understand the risks and safety aspects and patenting in biotechnology.
SB261	**Major Practical III**	**CO1**	Understand the clinical importance of normal and abnormal constituents in urine sample.
		CO2	Be able to analyse the concentration of important biomolecules in biological samples (Blood/Urine).
		CO3	Be to determine the activity of various enzymes in serum and interpret their clinical significance.
		CO4	Gain insight in various hematological studies and their importance in diagnosis.

DEPARTMENT OF COMPUTER SCIENCE

B. Sc. COMPUTER SCIENCE

Course Outcomes

2022 - 2023			
COURSE CODE	**COURSE NAME**	**COS**	**COURSE OUTCOMES**
I YEAR - I SEMESTER			
SE21A	**Problem Solving using Python**	**CO1**	Understand the principles of Python and acquire skills in programming in python.
		CO2	Develop the emerging applications of relevant fields using Python.
		CO3	Interpret the fundamental Python syntax and semantics and be fluent in the use of Python control flow statements.
		CO4	Be able to develop simple turtle graphics programs in Python.
		CO5	Understand the concepts of dictionary sets and object-oriented programming using Python.
SE211	**Practical Problem Solving using Python Lab**	**CO1**	Understand the numeric or real life application problems and solve them.
		CO2	Apply a solution clearly and accurately in a program using Python.
		CO3	Apply the best features available in Python to solve the situational problems.
SM3AA	**Allied Mathematics – I**	**CO1**	Gain knowledge about basic concepts of algebra and solving equations by using numerical methods.
		CO2	Be able to calculate the Eigen values, Eigen vectors and the applications of Cayley Hamilton theorem.
		CO3	Transform the equation through increasing and decreasing the roots and developing the skill necessary to solve polynomial equations.
		CO4	Write the expansions of trigonometric functions in terms of their powers and multiples and know about hyperbolic functions.
		CO5	Be able to know the applications of derivatives in finding maxima, minima and radius of curvature.

I YEAR - II SEMESTER			
SE22A	**Computer Organization**	**CO1**	Describe the major components of a computer system and state their function.
		CO2	Understand the basic organization of computers and the working of each component and CPU.
		CO3	Describe the microstructure of a processor.
		CO4	Demonstrate the ability to program a microprocessor in an assembly language.
		CO5	Classify and describe the operation of DMA and peripheral Interfaces.
SE221	**Practical - Computer Organization Lab**	**CO1**	Implement the arithmetic operations in assembly language programming.
		CO2	Understand the programming logic of 8085 in various aspects.
SM3AE	**Allied Mathematics – II**	**CO1**	Gain knowledge about basic concepts of integral calculus.
		CO2	Be able to solve second order non-homogeneous differential equations with constant coefficients of some particular types and understanding about partial differential equations.
		CO3	Gain knowledge about Laplace transforms of standard functions and its applications in solving differential equations.
		CO4	Gain knowledge about the basic concept of vector differentiation.
		CO5	Gain knowledge about the basic concept of vector integration.
II YEAR - III SEMESTER			
SE23A	**Java and Data Structures**	**CO1**	Understanding the basic concepts of Java.
		CO2	Creating simple Java programs.
		CO3	Students will be able to develop Java Standalone applications and Applets.
		CO4	Gained knowledge to choose the appropriate data structures like Stack, Queue and Linked list for a given problem.
		CO5	Analyse about Binary tree, Binary search tree and Dijkstra's Algorithm.
SE231	**Practical Data Structures using Java Lab**	**CO1**	Write function to implement linear and non-linear data structure operations.
		CO2	Suggest appropriate linear & non-linear data structure operations for solving a given problem.
SP3AA	**Allied Statistics – I**	**CO1**	Know the uses of statistics in society.
		CO2	Know to organize, manage and present data.
		CO3	Analyse the statistical data graphically using

			frequency distribution and cumulative frequency distribution.
		CO4	Analyse statistical data using measures of central tendency, dispersion and location.
		CO5	Understand the correlation between continuous variables and association between categorical variables.
II YEAR - IV SEMESTER			
SE24A	**Web Technology**	**CO1**	Understand the principles of PHP.
		CO2	Learn PHP syntax and control flow statements.
		CO3	Understand the concepts of arrays in PHP scripting language for the development of Internet websites.
		CO4	Understand the functions and classes.
		CO5	Understand the basic functions of MySQL database program and XML concepts.
SE241	**Practical Web Technology Lab**	**CO1**	Obtain knowledge and develop application programs using Python.
		CO2	Create dynamic Web applications such as content management, user registration, and e-commerce using PHP and to understand the ability to post and publish a PHP website.
		CO3	Develop a MySQL database and establish connectivity using MySQL.
SP3AB	**Allied Statistics – II**	**CO1**	Be able to understand the basic concept of probability.
		CO2	Identify the characteristics of different discrete distributions and the statistical situation to which the distributions can be applied.
		CO3	Identify the characteristics of different continuous distributions and the statistical situation to which the distributions can be applied.
		CO4	Comprehend the sampling distributions.
		CO5	Understanding how to apply statistical tests to get information from data.
SP3A1	**Allied Practical Statistics – I & II**	**CO1**	Analyse the statistical data graphically using frequency distribution and cumulative frequency distribution.
		CO2	Analyse statistical data using measures of central tendency and measures of dispersion.
		CO3	Understand correlation between continuous

			variables and association between categorical variables.
		CO4	Evaluate the fitting of the Binomial, Poisson and normal distributions.
		CO5	Analyse the test of significance for mean, proportion, variance based on normal, T -Test, F-Test, Chi-square test and ANOVA.
III YEAR - V SEMESTER			
SE25A	**Computer Network**	**CO1**	Discuss the fundamentals of computer hardware, software, different network models with examples and guided transmission media.
		CO2	Analyse wireless transmission, components of telephone systems and implement error-free transmission of data in DLL.
		CO3	Understand various protocols in the Data Link layer.
		CO4	Describe the key networking protocols and various algorithms.
		CO5	Analyse the design issues of transport layers, various protocols and network security.
SE25B	**Operating System**	**CO1**	Understand the structure and functions of Operating System and compare the performance of Scheduling Algorithms.
		CO2	Understand the concept of Process Synchronization and Deadlocks.
		CO3	Understand the Memory Management policies.
		CO4	Analyse various Page Replacement Algorithms and understand the File concepts.
		CO5	Understand the concepts of I/O systems, System Protection and System Security.
SE25C	**Relational Database Management System**	**CO1**	Describe basic concepts of database system.
		CO2	Design a data model and schemas in RDBMS.
		CO3	Analyse functional dependencies for designing robust database.
		CO4	Competent in use of SQL.
		CO5	Know how to use the simple PL/SQL procedures.
SE45C	**Network Security**	**CO1**	Understand OSI security architecture.
		CO2	Acquire fundamental knowledge of the concepts of finite fields and number theory.
		CO3	Understand various block cipher and stream cipher models.

		CO4	Know the principles of symmetric & public key cryptosystems.
		CO5	Compare various Cryptographic Techniques and Design Secure applications.
SE251	**Practical - OS Lab**	**CO1**	Understand the process management policies and scheduling process by CPU.
		CO2	Analyse the memory management and its allocation policies.
		CO3	Evaluate the requirement for process synchronization.
SE252	**Practical - PL /SQL Lab**	**CO1**	Implement the DDL , DML Commands and Constraints
		CO2	Create, Update and query on the database
		CO3	Design and Implement a simple project with Front End and Back End.
III YEAR - VI SEMESTER			
SE26A	**Software Engineering**	**CO1**	Know about various software life cycle models.
		CO2	Be able to specify the software requirements and specifications.
		CO3	Understand the software design concepts.
		CO4	Design the software using UML tools.
		CO5	Write test cases using different testing techniques.
SE26B	**Introduction to Data Science**	**CO1**	Understand the basic concepts of data science.
		CO2	Know the Data Science process.
		CO3	Compare the various machine learning algorithms.
		CO4	Describe the HADOOP framework.
		CO5	Be able to use tools for basic analysis and communication.
SE26C	**Introduction to Cloud Computing**	**CO1**	Be able to describe the types and workings of cloud.
		CO2	Gain knowledge about cloud computing architecture and virtualization.
		CO3	Know how to apply the levels of services of Cloud.
		CO4	Understand the security aspects of cloud.
		CO5	Compare among various cloud services for implementing applications.
SE45D	**Mobile Computing**	**CO1**	Explain the basics of a mobile telecommunication system.
		CO2	Explain the functionality of the Transport layer and TCP/IP.

		CO3	Understand mobile telecommunication systems – GSM, GPRS & UMTS.
		CO4	Use simulator tools and design Ad hoc networks and develop a mobile application.
		CO5	Be able to know mobile platforms and applications and software development kits.
SE261	**Case Tools and Testing Tools Lab**	**CO1**	Be able to analyse and design the problem at hand.
		CO2	Be able to use UML tools for designing software.
		CO3	Be able to implement the designs.
		CO4	Be able to test the correctness and soundness of their software through testing tools.
		CO5	Learn to maintain any project with various case tools.
SE261	**Mini Project**	**CO1**	Gain a thorough knowledge of the problem he/she has selected and the language / software he/she is using.
		CO2	Plan, schedule, monitor and control their own work.
		CO3	Defend their ideas in discussions and presentations.
		CO4	Apply tools and techniques from taught courses.
		CO5	Communicate their findings through a written report.

DEPARTMENT OF MATHEMATICS

B. Sc. MATHEMATICS

Course Outcomes

2022 - 2023			
COURSE CODE	**COURSE NAME**	**CO'S**	**COURSE OUTCOME**
I YEAR I SEMESTER			
SM21A	**Algebra**	**CO1**	Learn the relation between the roots and coefficients.
		CO2	Acquire knowledge about finding the real root of an equation using Newton's method and Horner's method.
		CO3	Learn to find the sum of the infinite series.
		CO4	Learn basic ideas on Matrices.
		CO5	Acquire knowledge about congruences, prime numbers and divisors.
SM21B	**Differential Calculus**	**CO1**	Learn to find higher order derivatives and apply the Leibnitz rule to solve problems related to such derivatives.
		CO2	Learn to find maxima, minima and critical points of functions with two variables and apply lagrange's method for functions with 3 variables.
		CO3	Know to find the angle between the radius vector and tangent, derive pedal equations.
		CO4	Acquire knowledge to trace standard curves in Cartesian coordinates and polar coordinates.
		CO5	Know to construct equations of asymptotes for algebraic curves and apply them in relevant fields.
SM3AB	**Calculus of Finite Differences & Numerical Analysis I**	**CO1**	Know how to find the roots of algebraic and transcendental equations.
		CO2	Understand numerical techniques to find the solution of a system of linear equations.
		CO3	Learn the difference between operators like forward, backward and shift operators.
		CO4	Learn about interpolation for equal intervals.

		CO5	Learn about interpolation with unequal intervals.
I YEAR - II SEMESTER			
SM22A	**Trigonometry**	**CO1**	Know to expand $\sin^n\boldsymbol{\theta}$, $\cos^n\boldsymbol{\theta}$ and $\tan^n\boldsymbol{\theta}$ in multiples of $\boldsymbol{\theta}$ by using Binomial theorem.
		CO2	Learn to expand $\sin n\boldsymbol{\theta}$, $\cos n\boldsymbol{\theta}$, Express $\sin n\boldsymbol{\theta}$, $\cos n\boldsymbol{\theta}$ in multiples of $\boldsymbol{\theta}$ and Express $\sin\boldsymbol{\theta}$, $\cos\boldsymbol{\theta}$ and $\tan\boldsymbol{\theta}$ in terms of $\boldsymbol{\theta}$ by using Demoivers theorem.
		CO3	Learn hyperbolic functions in terms of exponential functions and obtain hyperbolic identities. To Manipulate expressions involving hyperbolic functions and Classify relation between circular and hyperbolic functions.
		CO4	Know inverse trigonometric functions in terms of logarithmic functions. To differentiate hyperbolic and inverse – hyperbolic trigonometric functions. To separate the real and imaginary parts of trigonometric functions of complex variables. Recognize the concept of logarithmic of complex numbers.
		CO5	Manipulate any form of summation of series such as binomial, logarithmic, geometric and Gregory's series.
SM22B	**Integral Calculus and Vector Analysis**	**CO1**	Learn the Integral techniques.
		CO2	Acquire knowledge about double and triple integrals.
		CO3	Learn about beta and gamma functions.
		CO4	Learn about vector analysis.
		CO5	Acquire knowledge to solve problems in line, surface and volume integrals.
SM3AF	**Calculus of Finite Differences & Numerical Analysis II**	**CO1**	Learn the Numerical Differentiation.
		CO2	Learn the Numerical Integration.
		CO3	Understand the concept of Difference Equations.
		CO4	Learn the Numerical Solution of Ordinary Differential Equations.
		CO5	Learn the various methods to solve Ordinary Differential Equations.

II YEAR - III SEMESTER			
SM23A	**Analytical Geometry**	**CO1**	Solve the problems using the equations of chord, diameter of sphere and conjugate diameter of hyperbola.
		CO2	Evaluate the equation of asymptotes of hyperbola and co-normal points
		CO3	Understand the equation of the system of planes and the length of perpendicular to the plane.
		CO4	Determine the equation of lines - symmetrical and non-symmetrical form and the shortest distance between two lines.
		CO5	Determine the equation of a sphere and the equation of the circle
SM23B	**Differential Equations**	**CO1**	Know about the method of solving homogeneous and non-homogeneous equations and also the exactness of the equation.
		CO2	Acquire knowledge of the equations of the first order but not of a higher degree and also the linear equations with constant coefficients.
		CO3	Understand the concept of the linear equation of the second order and the complete solution in terms of known integrals.
		CO4	Know about the method of solving partial differential equation and to solve the Lagrange's linear equation Pp+Qq=R
		CO5	Learn about the special methods and to know about Charpit's method.
SM3AC	**Mathematical Statistics-I**	**CO1**	Know about the basic concepts of Probability and its theorems, Baye's theorem
		CO2	Acquire knowledge about the discrete and continuous random variables.
		CO3	Learn about the characteristics functions of Chebychev's theorem
		CO4	Know about the concept of Correlation, Regression.
		CO5	Know about the standard distributions like binomial, Poisson, Normal, Uniform, Geometric etc.
II YEAR - IV SEMESTER			
		CO1	Acquire knowledge about applying the Laplace transform in solving ordinary differential equations with constant coefficients.

SM24A	**Transform Techniques**	**CO2**	Know about the method of solving inverse Laplace transforms.
		CO3	Understand the concept of Fourier series.
		CO4	Know about the concept of Fourier transforms.
		CO5	Learn about Z-transforms and its properties.
SM24B	**Statics**	**CO1**	Describe the concept of force, Newton's laws of motion.
		CO2	Describe the concept of the moment of a force.
		CO3	Demonstrate the concept of equilibrium of a rigid body under three coplanar forces.
		CO4	Construct the various methods of finding the centre of mass of a particle.
		CO5	Analyze and evaluate equilibrium of a uniform homogeneous string.
SM3AG	**Mathematical Statistics-II**	**CO1**	Understand the basic concept of statistical analysis.
		CO2	Identify the characteristics of estimation to which the distributions can be applied.
		CO3	Understand Sampling methods, tests of significance and testing of hypothesis.
		CO4	Understand the concepts of ANOVA techniques.
		CO5	Understand how to apply the test of hypothesis, power of the test, statistical tests to get information from data
SM3A1	**Mathematical Statistics I & II -Practicals**	**CO1**	Understand the concepts in diagrammatic and graphical representation of data and frequency distribution.
		CO2	Calculate the measures of dispersion, skewness and kurtosis.
		CO3	Evaluate the fitting of Binomial, Poisson and Normal distributions and test the goodness of fit.
		CO4	Compute the correlation and regression lines for raw and grouped data.
		CO5	Analyse the test of significance for mean, proportion, variance based on normal, t, chi-square statistics.
III YEAR - V SEMESTER			
SM25A	**Algebraic Structures I**	**CO1**	Know about the groups, subgroups, cyclic groups and their properties

		CO2	Acquire knowledge about normal subgroups, quotient groups and homomorphism of groups.
		CO3	Learn about permutation group and alternating group
		CO4	Know about rings, homomorphism of rings and ideals
		CO5	Acquire knowledge of the integral domain and Euclidean ring
SM25B	**Real Analysis I**	**CO1**	Know about the sets and functions and to solve problems related to them.
		CO2	Understand the concepts of sequences, subsequences and their types.
		CO3	Perform operations on convergent, divergent and Cauchy sequences.
		CO4	Familiarize with series of real numbers and to analyse and evaluate the convergence and divergence of a series.
		CO5	Acquire knowledge about metric spaces and to find thelimits of functions in metric spaces.
SM25C	**Dynamics**	**CO1**	Understand the basic concepts of velocity, acceleration and motion of particles in all planes.
		CO2	Acquire adequate knowledge on work, energy and simple harmonic motion.
		CO3	Understand the concept of forces and the impact of the particles.
		CO4	Learn the derivations and solve the problems of circular motion, conical pendulum and central orbit.
		CO5	Understand the concepts of Parallel axes and Perpendicular axes theorem.
SM25D	**Discrete Mathematics**	**CO1**	Understand Sets, Integers and Mathematical Induction.
		CO2	Apply tools and ideas in Mathematics for solving applied problems.
		CO3	Construct a switching circuit and logic circuit.
		CO4	Formulate problems and solve the recurrence relation.
		CO5	Understand Propositional logic, Quantifiers, Connectives and Predicate logic.

SM45D	**Numerical Methods**	**CO1**	Learn the Numerical techniques
		CO2	Acquire knowledge of Numerical Differentiation and Numerical Integration
		CO3	Learn various methods for solving first order equations
		CO4	Learn Finite Difference Method
		CO5	Acquire knowledge to solve Partial Differential Equations
III YEAR - VI SEMESTER			
SM26A	**Algebraic Structures II**	**CO1**	Acquire knowledge about vector space
		CO2	Familiar in dual space and second dual space
		CO3	Gain knowledge about inner product space
		CO4	Understand about linear transformation, range, rank, characteristic root and characteristic vector of linear transformation.
		CO5	Find the matrix of a linear transformation
SM26B	**Real Analysis II**	**CO1**	Know about the connectedness, completeness and compactness of metric space.
		CO2	Acquire knowledge of bounded sets, totally bounded sets and continuous functions on metric spaces.
		CO3	Understand the concepts of Calculus and Riemann integral.
		CO4	Know foundation of Rolle's theorem, Law of mean and the fundamental theorem of calculus.
		CO5	Evaluate and analyse Taylor's theorem, point-wise and uniform convergence of sequence of functions.
SM26C	**Complex Analysis**	**CO1**	Learn about analytic functions and conformal mapping.
		CO2	Acquire knowledge about Bilinear Transformation and Mapping.
		CO3	Learn complex integration
		CO4	Learn series expansions and singularities
		CO5	Find residues and evaluation of definite integrals
		CO1	Learn about the basic concepts in graph theory.
		CO2	Understand the concepts of walk and cycle.

SM4AG	**Graph Theory**	**CO3**	Apply the concept of Eulerian graph.
		CO4	Identify and develop the applications of planarity.
		CO5	Apply the concept of connector problem.
SM4AH	**Operations Research**	**CO1**	Understand the basic concepts to solve linear programming problems using appropriate techniques and optimization solvers, interpret the results obtained.
		CO2	Learn to determine the optimal solution for transportation and assignment problems.
		CO3	Understand the concept of sequencing problem and game theory.
		CO4	Learn the appropriate queuing model for a given practical application.
		CO5	Understand the concepts of CPM and PERT computations.

DEPARTMENT OF BUSINESS ADMINISTRATION

BBA

Course Outcomes

2022 - 2023			
COURSE CODE	**COURSE NAME**	**COS**	**COURSE OUTCOME**
I YEAR - I SEMESTER			
BB21A	**Principles of Management**	**CO1**	The student learns about the basic concepts of Management.
		CO2	The student will gain knowledge about planning, policies and decision making.
		CO3	The student acquires about the types of organization.
		CO4	The student learns about Recruitment, Training and Selection.
		CO5	The student will gain knowledge about Business Ethics.
BB21B	**Financial Accounting**	**CO1**	Students will be able to understand the applications of journals, ledger, trial balance and cash book in the firm.
		CO2	Students can solve the problems relating to final accounts and non-trading organization.
		CO3	Students will be aware of the problems in partnership accounts.
		CO4	Students will be able to understand the purpose of using depreciation and insurance in the company.
		CO5	Analyse and prepare accounts for a single entry system.
BB31A	**Managerial Economics**	**CO1**	The student identifies the basics of managerial economics.
		CO2	The student learns about demand analysis and consumer behaviour.
		CO3	The student acquires knowledge about the production and its law.
		CO4	The student studies the pricing methods and policies.
		CO5	The student will gain knowledge about the monopolistic environment.
I YEAR - II SEMESTER			
BB22A	**Business Communication**	**CO1**	The students will understand the importance of business communication, types of business communication, and barriers to effective communication and the strategies to overcome them and the layout of business letters.

		CO2	This unit helps students to understand about all kinds of business letters for appointment, acknowledgement, promotion, enquiries, replies, sales circular.
		CO3	The students can understand the different types of business correspondence such as banking correspondence, insurance correspondence and with shareholders and directors.
		CO4	The students will understand the aspects of sales promotion, implementation and control of advertising campaigns.
		CO5	The students will understand the effectiveness of advertising and its relevance.
BB22B	**Management Accounting**	**CO1**	The student identifies the basics of Management Accounting.
		CO2	The student will familiar with management accounting tools.
		CO3	The student will acquire knowledge of ratio analysis and capital structure.
		CO4	The student will gain knowledge about fund flow, cash flow analysis and budgeting.
		CO5	The student can acquire knowledge about investment decisions.
BB32A	**International Trade**	**CO1**	The students identify the basics in Management Accounting.
		CO2	The student familiarizes with the management accounting tools.
		CO3	The student acquires knowledge in ratio analysis and capital structure.
		CO4	The student gain knowledge about funds flow, cash flow analysis and budgeting.
		CO5	The student acquires knowledge towards investment decisions.
II YEAR - III SEMESTER			
BB23A	**Financial Management**	**CO1**	The student identifies the basics of financial management.
		CO2	The student learns about the formation of capital structure.
		CO3	The student acquires various financial management tools.
		CO4	The student studies about the dividend policies.
		CO5	The student will gain knowledge on working capital management.
		CO1	The students will understand about the term organizational behaviour, its theories, measurement of intelligence in the organization and understand different types of personality.

BB23B	**Organizational Behaviour**	**CO2**	The students can understand the concept of motivation, types, job satisfaction, morale, employee attitudes and their effectiveness over productivity.
		CO3	The students will understand the concept of work environment, good housekeeping practices, and the concept of leadership.
		CO4	The students will understand the aspects of group dynamics, cohesiveness, co-operation-Group norms and role position status.
		CO5	The students will understand the concept of organizational culture and development and its relevance to the performance of the organization.
BB23C	**Computer Application in Business**	**CO1**	Students will learn about Ms-Word and Ms-Excel for business functions.
		CO2	Students will understand DBMS and MS-Access.
		CO3	Students will acquire fundamental knowledge of EDI.
		CO4	Students will learn about DNS and Client server computing.
		CO5	Students will know the principles of Information system audit.
BB23D	**Marketing Management**	**CO1**	The student learns the fundamentals of marketing.
		CO2	The student acquires knowledge of consumer goods and industrial goods.
		CO3	The student will aware about the new product development cycle.
		CO4	The student studies about physical distribution.
		CO5	The student will gain knowledge on personal selling, direct selling and sales promotion.
BB33A	**Business Statistics**	**CO1**	After successful completion of the course, students will be able to summarize and analyse statistical data to solve practical business-related problems.
		CO2	Students will be able to know about the difference between correlation and regression.
		CO3	Students will be able to understand the concept of time series.
		CO4	Students will be able to know about quantitative changes in the agricultural, industrial and commercial fields, as also in such economic magnitudes as income, employment, exports, imports, prices, etc.
		CO5	Categorizes and defines the sampling methods.
II YEAR - IV SEMESTER			
		CO1	Students will be able to understand the nature and scope of HRM, HRP, recruitment, selection, interview and placement.

BB24A	**Human Resource Management**	**CO2**	Students will get familiar with the training needs, performance appraisal, transfer, promotion, termination and career development in an organization.
		CO3	Students will be aware of the components of remuneration, incentives, motivation and social security measures of an employee.
		CO4	Students will be able to understand the trade union, collective bargaining, WPM in a company.
		CO5	Students will be aware of the nature, benefits, scope and approaches of Human Resource Audit.
BB24B	**Business Regulatory Framework**	**CO1**	The student will identify the concepts of business law.
		CO2	The student can acquire knowledge about the Indian Contract Act.
		CO3	Students can know more about the Indian Companies Act.
		CO4	Students can study about the Sale of Goods Act.
		CO5	Students can gain knowledge about TRIPS and IRDA.
BB24C	**Financial Services**	**CO1**	The students will understand about the term financial services and its players.
		CO2	The students can understand the concept of merchant banking and stock exchange.
		CO3	The students will understand the concept of Leasing and Hire Purchase system.
		CO4	The students will understand the aspects of Venture Capital and Consumer Finance.
		CO5	The student will understand the concept of Mutual Funds and Institutions involved.
BB24D	**Management Information System**	**CO1**	After completing the course, the student will understand the information systems in todays competitive business environment.
		CO2	Be able to identify the classifications of system.
		CO3	Identify the hardware components in computer system.
		CO4	Know the concepts of system analysis and design.
		CO5	Gain knowledge about decision support system.
BB34A	**Operation Research**	**CO1**	Learns the origin and history of Operations Research and acquires knowledge about Linear Programming Problem.
		CO2	Students will familiar about the Transportation and Assignment problem.
		CO3	Acquire knowledge about Network analysis.
		CO4	Students will gain the knowledge of Queuing theory.

		CO5	Acquire knowledge to solve problems in Game theory and decision theory.
III YEAR - V SEMESTER			
BB25A	**Advertising Management and Sales Promotion**	**CO1**	The students will understand about the term advertising, its process, importance and limitations and about the advertising message; its structure, appeal, format and source.
		CO2	The students can understand the concept of advertisement media and budget planning.
		CO3	The students will understand the IMC Programme and its features and functions of advertising agencies.
		CO4	The students will understand the aspects of sales promotion, implementation and control of advertising campaigns.
		CO5	The students will understand the effectiveness of advertising and its relevance.
BB25B	**Research Methodology**	**CO1**	Students understand the need and process of research in doing their field work.
		CO2	Students understand the research design and sampling in choosing the sample size for their research work.
		CO3	Students understand how to collect primary and secondary data for their research.
		CO4	Students get familiar with the analysis and interpretation of results in the research report.
		CO5	The student identifies the factors of good layout for production.
BB25C	**Operations Management**	**CO1**	The student identifies the concept of Operations Management.
		CO2	The student identifies the factors of a good layout for production.
		CO3	The student learns about production and inventory control concepts
		CO4	The student will understand about work measurement and method study procedure.
		CO5	The student can gather information about service operations management.
BB25D	**Material Management**	**CO1**	Students acquire knowledge about the functions and importance of materials management.
		CO2	Students understand integrated materials management and also MRP tools.
		CO3	Students understand the purchase procedure, principles in the company.
		CO4	Students get familiar with the advantages, disadvantages and functions of store keeping.
		CO5	Students understand about the vendor rating, value analysis and ISO types.

BB45A	**Entrepreneurial Development**	**CO1**	The student identifies the concept of entrepreneurship
		CO2	The student learns about professional behaviour.
		CO3	The student identifies the significant changes and trends towards business opportunities.
		CO4	The student knows about the business and project report for starting anew venture
		CO5	The student is ready to start a new venture on team based work.
III YEAR - VI SEMESTER			
BB26A	**Business Environment**	**CO1**	Students identify the concept of the business environment & its significance.
		CO2	Students learn about the various environmental factors and its impact on business.
		CO3	Students learn cultural heritage and social organizations.
		CO4	Students study about economic planning and systems.
		CO5	Students will gain knowledge about all financial systems and banks.
BB26B	**Services Marketing**	**CO1**	Students understand the concept, characteristics and classification of service marketing.
		CO2	Students understand about the product decision, strategies, promotion and distribution methods for service.
		CO3	Students understand about the internal marketing of services.
		CO4	Students get familiar with the performance and delivery gaps in service marketing.
		CO5	Students get familiar with all the services under the service marketing.
BB26C	**Business Taxation**	**CO1**	The student will identify the concept of business taxation & its significance.
		CO2	The student acquires knowledge about the basic concepts of taxation.
		CO3	The student can know about the technical terms of tax.
		CO4	The student can know about the tax system in India.
		CO5	The student will gain knowledge about recent changes in tax system.
BB46E	**E-Business**	**CO1**	After completing the course, the students will Learn about e-business concepts.
		CO2	Understand the e-business tools.
		CO3	Learn about e-security threats and e-payment methods.
		CO4	Know the e-business strategies and the impact of environment on e-business.

		CO5	Study the environment of e-business.
BB46Q	**Project Work (Group)**	**CO1**	The student will understand about the introduction of the study, the objectives of the study and the need for the study.
		CO2	The student will understand the concept of reviewing literature.
		CO3	The student will understand the concept of research methodology and its implications.
		CO4	The student will understand the methods of data analysis and interpretation of the study.
		CO5	The student will find out the results of their studies.

DEPARTMENT OF COMMERCE

B. Com. GENERAL

Course Outcomes

2022 - 2023			
COURSE CODE	**COURSE NAME**	**COS**	**COURSE OUTCOMES**
I YEAR - I SEMESTER			
CZ21A	**Financial Accounting**	**CO1**	The students will be able to prepare final accounts of sole trading concerns and non - profit organizations.
		CO2	Solve problems relating to Depreciation and Fire Insurance claims.
		CO3	Analyze and prepare accounts for a single entry system.
		CO4	The students will be aware of Bank Reconciliation statement and Rectification of errors.
		CO5	The students will be able to understand the hire purchase and instalment systems.
CZ21B	**Business Communication**	**CO1**	The students will familiarize with the basic principles to maintain Professional Communication.
		CO2	The students will learn to write business letters to maintain goodwill between suppliers and customers.
		CO3	The students will be empowered to correspond with Banks, Agency, Government and shareholders in a clear and practical manner.
		CO4	The students will learn to record the activities of the firm in an organized format for specific meetings.
		CO5	The students will familiarize in modern communication technologies to send generalized and personalized messages to Businesses and customers across the globe.
CZ31A	**Business Economics**	**CO1**	After completing the course, students will Illustrate the application of Business Economics in business decision making.
		CO2	Outline the economic concepts and functions of Demand and Supply by charts and diagrams.
		CO3	Discuss about Consumer Behaviour methods and Indifference curve.
		CO4	Explain how the Law of variable proportions and returns to scale works in Business Economics.
		CO5	Analyze various Product Pricing methods and various market structures.

I YEAR - II SEMESTER			
CZ22A	**Advanced Financial Accounting**	**CO1**	The students will be able to ascertain wholesale profit and retail profit for independent branches
		CO2	Solve problems relating to Calculation of Profit for Inter-departmental transfers at cost or selling price.
		CO3	Analyse and prepare accounts for Admission of a Partner – Retirement of a Partner – Death of a Partner.
		CO4	The students will be able to solve problems relating to Insolvency of a Partner – Insolvency of all Partners, Piecemeal Distribution of cash in Partnership Firm.
		CO5	The students will be able to understand role of developing IFRS, Implementation plan in India- Ind AS-Difference between Ind AS and IFRS.
CZ22B	**Principles of Management**	**CO1**	The students will be able to understand the basic concepts of management.
		CO2	Gain knowledge on planning and decision making in organization.
		CO3	Able to understand organization structure and departmentalization.
		CO4	Able to describe the authority and responsibility in an organization.
		CO5	Learn about Co-ordination and Control- Principles and techniques.
CZ32A	**Indian Economy**	**CO1**	After completing the course, the students will understand the concept of Economic Growth and Economic Development.
		CO2	Know the current scenario of Population, Unemployment, Poverty in the Economy.
		CO3	Gain knowledge about Green Revolution and Food policy in Agriculture
		CO4	Facilitate the student to learn about New Economic Policy.
		CO5	Know about the NidhAayog and Five Year Plans in India.
II YEAR - III SEMESTER			
		CO1	The students learn how a company can mobilize huge funds from investors and the procedures involved in it.
		CO2	The students come to know about the various underwriting agreements and the accounting

CZ23A	**Corporate Accounting**		treatment for different types of application
		CO3	The students understand the clear picture of the financial position of the organization and are able to provide the necessary information to the management, owners or any other users of such accounting information.
		CO4	The students will understand the performance of the firm by applying various methods of valuation of goodwill and shares.
		CO5	The students will learn to keep a proper record of claims, premiums and analyse the growth of the insurance business by preparing profit and loss accounts.
CZ23B	**Business Law**	**CO1**	Apply basic elements required to enter into a valid contract under the Indian Contract Act 1872
		CO2	Understand the legal provisions related to consideration, free consent, void agreement and unlawful agreements
		CO3	Outline the various provisions regarding performance, discharge and breach of contract.
		CO4	Gain knowledge on the main principles which govern trade and business under the Sale of Goods Act, 1930
		CO5	Helps to understand the basic laws of contemporary issues in business laws.
CZ23C	**Banking Theory Law and Practice**	**CO1**	Learner will have adequate knowledge about banking sector development and commercial bank functions.
		CO2	Student will understand about RBI and its function
		CO3	Student will understand 'e-banking' services through mobile phones and other electronic devices.
		CO4	Student will have knowledge about cheques, itscrossing and other negotiable instruments.
		CO5	Leaner will gain insight into various types of endorsement and Ombudsman
CZ23D	**Marketing**	**CO1**	Gain the knowledge of classifications of market.
		CO2	Understand the concept of buying decision process and buying motives
		CO3	Help to know about the stages of new product development and product life cycle
		CO4	Outline the concepts of advertising and personal selling.
		CO5	Understanding E- Marketing and marketing

			regulations.
CZ33A	**Business Statistics**	**CO1**	Understand the relevance and need of statistics in current scenario. Analyse the statistical data graphically using frequency distribution and cumulative frequency distribution.
		CO2	Students will be able to know about the concept of measures of central tendency and measures of dispersion.
		CO3	Able to understand correlation between continuous variables and regression analysis.
		CO4	Students will be able to understand the concept of time series.
		CO5	Able to calculate price index numbers and volume index numbers.
II YEAR - IV SEMESTER			
CZ24A	**Advanced Corporate Accounting**	**CO1**	The students will learn about alteration of share capital and capital reduction procedures.
		CO2	The students come to know about the various methods of purchasing consideration.
		CO3	The students understand the clear picture of holding and Subsidiary company accounts.
		CO4	The students will understand the schedules to prepare profit and loss accounts of banking companies.
		CO5	The students will learn to keep a proper record of liquidator'sfinal statement of accounts.
CZ24B	**Company Law**	**CO1**	Understand the various clauses of companies act.
		CO2	Know the procedure for formation of a company.
		CO3	Understand the appointment and removal of managerial personnel.
		CO4	Know the procedures for Meetings and Resolutions.
		CO5	Understand the procedures of Winding of a Company.
CZ24C	**Financial Services**	**CO1**	Understand the various types of financial services.
		CO2	Able to know about the financial market in India.
		CO3	Understand the money market and stock market.
		CO4	Insight into leasing and factoring services.
		CO5	Enable the students to know about the concepts and usage of venture capital.
		CO1	Gain knowledge of the principles of Indirect Taxation.

CZ24D	**Indirect Taxation**	**CO2**	Understand about GST concepts.
		CO3	Able to know the GST assessment procedures.
		CO4	Helps to know about the GST audit and national audit Profiteering authority.
		CO5	Spotlighting about Customs Duty.
CZ34A	**Elements of Operations Research**	**CO1**	Learns the origin and history of operations research.
		CO2	Acquire knowledge about linear programming problems.
		CO3	Solve problems using graphic and simplex methods in LPP.
		CO4	Students will familiarize about the transportation and assignment problems.
		CO5	Acquires knowledge to solve problems in Game Theory.
III YEAR - V SEMESTER			
CZ25A	**Elements of Cost Accounting**	**CO1**	Outline the basic principles and concepts of cost accounting
		CO2	Prepare the statement of cost and provide insight into control of cost
		CO3	Prepare the statements relating to material purchase, issue and losses
		CO4	Compute the Labour Cost under various remuneration schemes
		CO5	Analysis the different methods to compute overhead cost
CZ25B	**Practical Auditing**	**CO1**	Gain insight into the auditing practices prevailing in the present scenario
		CO2	Understand the various techniques of verification and valuation of assets and liabilities
		CO3	Outline about the penal provisions and standards provided by NFRA
		CO4	Helps to know about the auditor's responsibilities towards audit report
		CO5	Understand the general approach of auditing in EDP environment
CZ25C	**Logistics and Supply Chain Management**	**CO1**	Students understand the basic concepts of logistics and supply chain management
		CO2	Helps students to understand the concepts of inventory carrying and warehousing
		CO3	Helps students to recognize the various modes of transportation and their networks
		CO4	Helps students to get an idea on logistics

			information system and distribution channels
		CO5	Helps students to appraise the performance of logistics and supply chain management
CZ25D	**Financial Management**	**CO1**	Develop the scope of financial management in functional areas of business.
		CO2	Solve problems relating to the capital structure, cost of capital and types of leverage
		CO3	Choose appropriate dividend theories to cope with market conditions
		CO4	Analyse the elements of working capital management for efficient management of short term finance.
		CO5	Analyse the various investment decisions for capital investment.
CZ45A	**Income Tax Law and Practice I**	**CO1**	Detailed understanding about the important definitions under the income tax and to determine the residential status of an individual and scope of total income.
		CO2	Students will be able to compute the income from salaries
		CO3	Students will understand computation of income from House Property.
		CO4	Students will understand the computation of income from Business/ Profession.
		CO5	Insight into PAN card and its usage; TDS, TCS and TRACES.
III YEAR - VI SEMESTER			
CZ26A	**Advanced Cost Accounting**	**CO1**	Gain knowledge of contract account and prepare statement of contract account.
		CO2	Students will solve problems relating to statement of process costing.
		CO3	The students come to know about the various operating costing methods.
		CO4	The students will have the clear picture of marginal costing and break even analysis.
		CO5	Acquire knowledge on standard costing and variance analysis.
		CO1	Gain knowledge on management accounting concepts, tools and techniques.
		CO2	Able to use Management Accounting tools to analyse financial statements.
		CO3	Understand the relevance of ratio analysis in business organizations.

CZ26B	**Management Accounting**	**CO4**	Acquire skill to prepare the fund flow and cash flow statements of a business enterprise.
		CO5	Competence to prepare different types of budgets and to take managerial decisions by application of marginal costing.
CZ26C	**Entrepreneurial Development**	**CO1**	Learner will have adequate knowledge about entrepreneur and their types.
		CO2	Student will understand the techniques of Business idea generation.
		CO3	Student will have adequate knowledge about feasibility analysis.
		CO4	Student will be able to demonstrate a model project report for a new venture.
		CO5	Leaner will have knowledge about Government grants and schemes.
CZ46A	**Income Tax Law and Practice II**	**CO1**	Students will able to compute the gains or loss occurred from the transfer of capital assets.
		CO2	Students acquire knowledge about other sources of income and other related provisions.
		CO3	Students identify the permissible inter-source and inter-head adjustments and provisions relating to clubbing of incomes.
		CO4	Students understand the concepts of deductions and compute the total income and tax liability of an individual.
		CO5	Students will get awareness on the income tax authorities and procedure of assessment.
CZ46B	**Human Resource Management**	**CO1**	Understand the Framework of Human Resource Management and Human Resource Planning.
		CO2	Learns about the Recruitment, Selection Training, Performance Appraisal, Promotion and Transfer Process.
		CO3	Help students to understand the Motivation Techniques, Incentive Plans, Labour Relations, Social Ethics and Responsibility.
		CO4	Outline the Human Resource Accounting and Auditing Concepts.
		CO5	Explicate the Scope and importance of CSR.

DEPARTMENT OF COMPUTER APPLICATIONS

BCA

Course Outcomes

2022 - 2023			
COURSE CODE	**COURSE NAME**	**COS**	**COURSE OUTCOMES**
I YEAR - I SEMESTER			
SE21A	**Problem Solving using Python**	**CO1**	To understand the principles of Python and acquire skills in programming in python.
		CO2	Interpret the fundamental Python syntax and semantics.
		CO3	Able to be fluent in the use of Python control flow statements.
		CO4	Able to develop simple turtle graphics programs in Python.
		CO5	To develop the emerging applications of relevant fields using Python.
SE211	**Problem Solving using Python Lab**	**CO1**	Understand the numeric or real life application problems and solve them.
		CO2	Apply a solution clearly and accurately in a program using Python.
		CO3	Apply the best features available in Python to solve the situational problems.
SM3AA	**Mathematics I**	**CO1**	Gain knowledge about basic concepts of algebra and solving equations by using numerical methods.
		CO2	Able to calculate the Eigen values, Eigen vectors and the applications of Cayley Hamilton theorem.
		CO3	Transform the equation through increasing and decreasing the roots and develop the skill necessary to solve polynomial equations.
		CO4	Write the expansions of trigonometric functions in terms of its powers and multiples and know about hyperbolic functions.

		CO5	Able to know the applications of derivatives in finding maxima, minima and radius of curvature.
ST51C	**Stress Management**	**CO1**	To enable students to identify stressors.
		CO2	To teach stress cycle and adaptation syndrome.
		CO3	To manage stress.
		CO4	To communicate assertively.
		CO5	To learn to relax and meditate.
I YEAR - II SEMESTER			
SU22A	**Object Oriented Programming Concepts using C++**	**CO1**	To understand the principles of syntax and semantics in C++ programming
		CO2	Interpret the concept of classes and objects
		CO3	Able to be fluent in the use of operator overloading and inheritance
		CO4	Able to develop polymorphism and virtual functions
		CO5	To develop the files and exception handling
SU221	**C++ Programming Lab**	**CO1**	To understand the structure and model of the C++ programming language.
		CO2	To solve problems in C++ demonstrating Object Oriented Concepts.
SM3AE	**Mathematics II**	**CO1**	Gain knowledge about basic concepts of integral calculus.
		CO2	Able to solve second order non-homogeneous differential equations with constant coefficients of some particular types and understanding about partial differential equations.
		CO3	Gain knowledge about Laplace transforms of standard functions and its applications in solving differential equations.
		CO4	Gain knowledge about the basic concept of vector differentiation.

		CO5	Gain knowledge about the basic concept of vector integration.
ST52C	**Anger Management**	**CO1**	Knowledge of anger and its characteristics.
		CO2	Identify forms of anger in relation to gender and culture.
		CO3	Knowing manifestations of anger and causes of anger.
		CO4	Emphasizes styles of anger.
		CO5	Management of anger-relaxation, RET, Cue control, cognitive restructuring, yoga meditation.
II YEAR - III SEMESTER			
SZ23A	**Data Structures**	**CO1**	To understand the principles of data structures using array and linked list.
		CO2	Apply the different linear data structures like stack, queue and linked list to problem solutions
		CO3	Apply the different non-linear data structures like trees to problem solutions.
		CO4	Apply the different non-linear data structures like graphs to problem solutions.
		CO5	Critically analyse the various searching and sorting algorithms.
SZ23B	**Java Programming**	**CO1**	Use Object Oriented concepts to solve real problems.
		CO2	Knowledge of the structure and model of the Java programming language
		CO3	Identify classes, objects, abstract classes, members of a class and the relationships among them for a specific problem.
		CO4	Demonstrate the use of String and String Buffers, Develop multithreaded programs in Java.
		CO5	Understand the basic principles of creating Java applications with GUI.

SZ23C	**Computer Organization**	**CO1**	Describe the major components of a computer system and state its function and purpose.
		CO2	Describe the microstructure of a processor.
		CO3	Demonstrate the ability to program a microprocessor in assembly language.
		CO4	Classify and describe the operation DMA and peripheral Interfaces.
SZ231	**Data Structures using Java Lab**	**CO1**	Write functions to implement linear and non-linear data structure operations.
		CO2	Suggest appropriate linear and non-linear data structure operations for solving a given problem.
		CO3	Analyse various sorting methods.
SZ33A	**Financial Accounting**	**CO1**	Equipped in final accounting and trial balance.
		CO2	Well organised machinery account.
		CO3	Aware of the difference in branch and department account.
		CO4	Well acquainted with hire purchase and installment purchase.
		CO5	Keeping partnership account in right manner.
II YEAR - IV SEMESTER			
SZ24A	**Computer Network**	**CO1**	Analyse key networking protocols and its hierarchical relationship in the conceptual model like TCP/IP and OSI.
		CO2	Understand various wireless transmissions.
		CO3	Analyse different network protocols.
		CO4	Describe, analyse and compare the routing and congestion control algorithm.
		CO5	Understand the basic concept of the connection management and security.
		CO1	To recognize the benefits and features of Open Source Technology.

SZ24B	**Open Source Technologies**	**CO2**	To interpret, contrast and compare open source products among themselves.
		CO3	To interpret, contrast and compare case studies.
		CO4	To describe the features of Open Source project.
		CO5	To classify and describe the principles of Open Source Ethics.
SZ24C	**E-Commerce Technologies**	**CO1**	Obtain a general understanding of basic business management concepts.
		CO2	Have a complete knowledge about basic technical concepts relating to E-Commerce.
		CO3	Obtain thorough understanding about the security issues, threats and challenges of E-Commerce.
		CO4	Understand the concept of e-payment systems.
		CO5	Have the knowledge of Mobile Commerce
SZ241	**Open Source Technologies Lab**	**CO1**	Students must be able to use appropriate open source tools based on the nature of the problem
		CO2	Students will be able to code and compile different open source software
SZ34A	**Cost and Management Accounting**	**CO1**	To learn the theory of cost accounting
		CO2	To know about the stores records
		CO3	To understand about the Labour cost control.
		CO4	To understanding about overheads
		CO5	To learn the concept of Marginal costing.
III YEAR - V SEMESTER			
SU25A	**Software Engineering**	**CO1**	To understand various Software Life Cycle Models.
		CO2	The students should be able to specify software requirements.

		CO3	The students should be able to design the software using tools.
		CO4	Able to demonstrate the UML diagrams.
		CO5	To write test cases using different testing techniques.
SE25B	**Operating System**	**CO1**	Compare the performance of Scheduling Algorithms.
		CO2	Understand the methods for handling deadlocks.
		CO3	Analyse resource management techniques
		CO4	Understand the structure and Allocation Methods of Disk
		CO5	Understand the concepts of Performance and Security.
SE25C	**Relational Database Management System**	**CO1**	Describe the basic concepts of a database system.
		CO2	Design a Data model and Schemas in RDBMS.
		CO3	Competent in use of SQL
		CO4	Analyse functional dependencies for designing robust Database.
		CO5	Design using PL/SQL program.
SU45B	**Multimedia and its Applications**	**CO1**	To understand the technologies behind multimedia applications.
		CO2	To create time-based and interactive multimedia components
		CO3	To understand various compression and decompression techniques for various file formats.
		CO4	Use multimedia applications and user interface for effective animation.
		CO5	To understand how planning and cost management activities should be incorporated into the project and their contribution to the

			completed product.
SE251	**Operating System Lab**	**CO1**	Understand the process management policies and scheduling process by CPU.
		CO2	Analyse the memory management and its allocation policies.
		CO3	To evaluate the requirement for process synchronization
SE252	**PL/SQL Lab**	**CO1**	Implement the DDL, DML Commands and Constraints.
		CO2	Create, Update and query on the database.
		CO3	Design and Implement a simple project with Front End and Back End.
III YEAR - VI SEMESTER			
SZ26A	**Web Design and Development**	**CO1**	Able to develop and publish Web pages using Hypertext Markup Language (HTML).
		CO2	Able to Create web page using forms and controls.
		CO3	Able to optimize page styles and layout with Cascading Style Sheets (CSS).
		CO4	Able to Understand, analyse and apply the role of languages to create a capstone
		CO5	Website using client-side web programming languages like HTML, DHTML, CSS, XML, JavaScript, and AJAX.
SZ26B	**Data Mining**	**CO1**	To understand the principles of data mining concepts.
		CO2	To study the different data mining techniques.
		CO3	To Apply the different clustering concepts
		CO4	To learn different type of classifications in data mining.
		CO5	To analyse the concepts of association rules.
		CO1	Explain the basics of mobile application development.

SZ26C	**Mobile Application Development**	**CO2**	Develop Android application with User interface.
		CO3	Develop Android application with Views, Menus and Databases.
		CO4	Develop Android applications with networking and animation.
		CO5	Use simulator tools to test and publish the application.
SU46B	**Elective II: IOT and its Applications**	**CO1**	Use of Devices, Gateways and Data Management in IoT.
		CO2	Design IoT applications in different domain and be able to analyse their performance
		CO3	Implement basic IoT applications on embedded platform.
		CO4	Have the knowledge of IoT applications
		CO5	Understanding the security and privacy in IoT.
SZ261	**Core Practical-VII - Mobile Application Development Lab**	**CO1**	Use Emulator tools to design and develop applications.
SZ26Q	**Mini Project**	**CO1**	Use Emulator tools to design and develop applications.
		CO2	To enable the students to identify a topic of interest and complete the work through case studies and data collection.
		CO3	To impart skills in preparing a detailed report describing the project and results.
		CO4	To enable the students to undertake innovative work or to develop software packages.
		CO5	Use Emulator tools to design and develop applications.

DEPARTMENT OF INFORMATION SYSTEM MANAGEMENT

B. Com. ISM

Course Outcomes

2022 - 2023			
COURSE CODE	**COURSE NAME**	**COS**	**COURSE OUTCOME**
I YEAR - I SEMESTER			
BS21A	**Financial Accounting**	**CO1**	Students will equip to preparing financial statement.
		CO2	Students will manage to compute the deprecation of a machine.
		CO3	Students are able to prepare a single entry system in the proper manner.
		CO4	Students will be acquainted with BRS and errors
		CO5	Students will know about hire-purchase and instalment.
BS21B	**Internet of Things**	**CO1**	Gain the knowledge of Introduction to Internet, Client / Server architecture in real situations and solve the problem.
		CO2	Students will be able to connect to the internet to implement network connection.
		CO3	Students will apply the awareness of the World Wide Web and analyse a webpage and identify its elements and attributes to create a website.
		CO4	Students will understand Internet Tools and implement Virtual Private Networks (VPNs).
		CO5	Students will apply the knowledge of Protecting the Internet using firewalls, cryptography techniques.
BS31A	**Business Economics**	**CO1**	Students will be equipped in the concept of Communication.
		CO2	Students Will understand the demand and supply.
		CO3	Students will understand the concept of communication.

		CO4	Students will understand the law of scale
		CO5	Students will familiar with modern forms of communication.
I YEAR – II SEMESTER			
BS22A	**Advanced Financial Accounting**	**CO1**	Students will be able to prepare the Branch Accounts.
		CO2	Students will be able to analyse the Departmental account.
		CO3	Students can prepare a partnership account.
		CO4	Students can prepare a partnership account in the Dissolution firm.
		CO5	Students will understand Accounting Standards.
BS22B	**Object Oriented Programming using C++ Theory & Practical**	**CO1**	Students will implement the concept of Principles of object-oriented programming.
		CO2	Students will apply the acquaintance of C++ - Tokens, Keywords-Identifiers-Variables-Operators-Manipulators-Expressions-Control Structures.
		CO3	Students will apply the knowledge of Functions, Main Function, and Function Prototyping.
		CO4	Students will apply the familiarity of Classes and Objects.
		CO5	Students will understand the concept of Constructors and Destructors and also Operator Overloading and Function overloading.
BS32A	**Indian Economy** **.**	**CO1**	After completing the syllabus students are well versed with the features of the Indian Economy and know the five year plan.
		CO2	Students will analyse the macroeconomic policies, including the fiscal and economic policies of India.
		CO3	Students will determine the economic variables including inflation, unemployment, property, GDP Balance of Payments using statistical methods.
		CO4	Students will understand the trends of financial and money markets and perform cost.
		CO5	Students will identify and come to know about the five year plan, achievements and the Nidhi Aayog plan.

II YEAR – III SEMESTER			
BS23A	**Computerized Accounting**	**CO1**	Students will know to work with well known accounting software, Tally ERP.9
		CO2	Students will create their own program related to company transactions.
		CO3	Students will know about enter accounting voucher entries including advance voucher entries
		CO4	Students will know about reconciling bank statements, making accrual adjustments and printing financial statements in Tally ERP.9 Software.
		CO5	Students will possess the required skill and can also be employed as Tally data entry operators.
BS23B	**Data Structure**	**CO1**	Students will know to implement different types of data structure in different situations, to use arrays in different applications
		CO2	Students will apply the acquaintance of stack and queue data structures in real time situations to solve a problem.
		CO3	Students will apply the understanding of linked list data structures in programming to solve a problem.
		CO4	Students will apply the familiarity of tree data structures in real time situations to solve a problem.
		CO5	Students will apply the awareness of Graph data structures in real time situations to solve a problem
BS23C	**Banking Theory Law & Practice .**	**CO1**	After completing the course, the students will learn to maximize profit with the primary source of income, interest earned on loans and investment securities.
		CO2	To regulate the issue of bank notes and secure monetary stability in the country.
		CO3	To enable bank customers to use mobile instruments as a channel for accessing their bank accounts and remit funds.
		CO4	To provide individuals and businesses with the financial resources they need to grow and be prosperous.
		CO5	Students will learn endorsements and to give the brand personality.
BS23D	**Java Programming – Theory and**	**CO1**	Students will use an integrated development environment to write, compile, run, and test simple object-oriented Java programs.

	Practical	**CO2**	Students will read and make elementary modifications to Java programs that solve real-world problems.
		CO3	Students will validate input in a Java program.
		CO4	Students will read and make elementary modifications to Java programs that implement the real-world problems.
		CO5	Students will documents a Java program using Javadoc and applet program.
BS33A	**Business Statistics**	**CO1**	Students will understand the basic concepts of statistics, collection of data, tabulation of data and the various diagrammatic representations of data.
		CO2	After completing the course, the students will be able To learn about measures of variation and measures of central tendency.
		CO3	To gain knowledge about correlation, rank correlation and regression analysis.
		CO4	To learn about trend values and seasonal indices.
		CO5	To know about types of index numbers, the construction of Index numbers and also to understand the concept of chain base and fixed base index numbers.
II YEAR –IV SEMESTER			
BS24A	**Management Information System**	**CO1**	Students will evaluate the role of information systems in today's competitive business environment.
		CO2	Students will assess the relationship between organizations, information systems and business processes.
		CO3	Students will analyse the relationship between information systems and organizations.
		CO4	Students will identify the core activities in the systems development process.
		CO5	Students will identify appropriate strategies to manage the system implementation process.
		CO1	After completing the course students will understand the basic concepts and significance of management in business.

BS24B	**Principles of Management**	**CO2**	Students gain knowledge on planning and decision making in organization.
		CO3	Students will understand about the organization structure and departmentalization.
		CO4	Students are able to understand about authority and responsibility in an organization.
		CO5	Students will learn about co-ordination and control techniques used in the organization.
BS24C	**Financial Services**	**CO1**	Students will understand the various financial services.
		CO2	Students will be able to access the financial market in India.
		CO3	Students will understand about the money and stock market.
		CO4	Students will understand the leasing and factoring.
		CO5	Students will understand venture capital.
BS24D	**Python Programming Theory and Practical**	**CO1**	Students will implement the concept of Computer systems, Python Programming Language, Computational Thinking.
		CO2	Students will apply the acquaintance of an Imperative programming.
		CO3	Students will apply the knowledge of Text Data, Files & Exceptions.
		CO4	Students will apply the familiarity of LOOP & Iteration Patterns, Container and Randomness: Dictionaries.
		CO5	Students will apply the awareness of Namespaces, encapsulation in functions, flow control, modules as namespaces.
BS34A	**Elements of Operation Research**	**CO1**	Students will learn the origin and history of Operations Research.
		CO2	Students will be able to solve the problems using graphic and simplex method in LPP.
		CO3	Students will learn about the Transportation and Assignment problem
		CO4	Students will acquire Knowledge to solve problems in Game Theory.
		CO5	Students will learn the knowledge of the construction of index numbers.

III YEAR -V SEMESTER			
BS25A	**Financial Management**	**CO1**	After completing the course, the students will understand various concepts related to financial management.
		CO2	Manage to compute the cost of capital.
		CO3	Be able to understand and compare the financial structure.
		CO4	Students will gain knowledge of dividends and leverage developed in financial decisions.
		CO5	Develop the analytical skills which help in decision making in business situations.
BS25B	**Logistics Supply Chain Management**	**CO1**	After completing the course, the students will Enumerate the role of information system in improving logistics efficiency.
		CO2	Learn the principles and importance of supply chain management.
		CO3	Provide knowledge with techniques for measuring and managing supply chain uncertainty.
		CO4	Provide the analytic model based approach for solving logistics and supply chain issues.
		CO5	Understand the importance of using total supply chain cost in all analysis.
BS251	**Spread Sheet Accounting**	**CO1**	After completing the course, the students will Implement spread sheets in different situations, to use in different applications, Edit and Format a Spreadsheet, saving a Spreadsheet, Construct, Modify, and Format and Print a Spreadsheet
		CO2	Apply the acquaintance of Manipulating Text using Functions, Financial and Statistical Functions, Database Functions in real time situations to solve a problem.
		CO3	Apply the understanding of Data Validation, Conditional Filters, Pivot Tables, Group and Sub-Totals, What-if Analysis, Writing Macros.
		CO4	Apply the familiarity of Import Data Sets and Spreadsheets, Set Calculations Settings, Graphs and Charts.
		CO5	Apply the awareness of Creating and Customizing a Spreadsheet to journalize and post transactions, Preparing a Budget / Costing Sheet Template, Personal Income Tax Calculator Template in real time situations to solve a problem.

BS25D	**Business Analytics**	**CO1**	After completing the course, the students will Describe Data Analytics and its usage
		CO2	Analyse various sampling methods.
		CO3	Apply one sample test and two Independent Samples Tests.
		CO4	Illustrate the data mining to be applied in Business analytics.
		CO5	Evaluate application of Regression analysis and decision making.
BS45B	**Portfolio Management**	**CO1**	On completion of the syllabus, student will understand the basic concepts of Portfolio Management and the techniques.
		CO2	Students would recall and discuss the meaning and need of portfolio evaluation and portfolio revision.
		CO3	Students would appreciate and understand the need for various fundamental analyses in developing and managing a portfolio.
		CO4	Students are acquainted with various technical analysis tools like charts, patterns and other mathematical skills.
		CO5	Students would be aware of various efficient market theories for managing portfolio
III YEAR – VI SEMESTER			
BS26A	**Software Project Management**	**CO1**	After completing the course, the students will Implement the activities of the software project development life cycle.
		CO2	Apply the acquaintance of an appropriate project approach, selecting process model, Software effort estimation and Activity Planning.
		CO3	Apply the knowledge of risk management, resources allocation and monitoring and control in real time projects.
		CO4	Apply the familiarity of managing contracts, decision making, leadership.
		CO5	Apply the awareness of small projects, contact a project plan, PRINCE 2 - an overview BS 6079: 1996 - an overview, Euro method, an overview.
BS26B	**Management Accounting**	**CO1**	After completing the course, the students will able To enable the students to get knowledge about the various techniques of management principles.

		CO2	To make the students know the current position of the company to get practical skills in solving management.
		CO3	To enable students to know short- term solvency and long -term solvency.
		CO4	To enable the students to get knowledge about the changes in the company's financial position.
		CO5	To make the students understand about the marginal costing and budgetary control.
BS26C	**Entrepreneurial Development**	**CO1**	Students will understand the concepts of entrepreneurship and will learn the professional behavior expected of an entrepreneur.
		CO2	Students will understand about the barriers for women entrepreneurs.
		CO3	Students will identify significant changes and trends which create business opportunities and to analyze the environment for potential business opportunities.
		CO4	Students will be able to list the objectives and determine key elements of business plans.
		CO5	Students will provide conceptual exposure on converting an idea to a successful entrepreneurial firm.
BS46E	**Web Technologies Theory & Practical**	**CO1**	After completing the course, the students will Use an integrated development environment to write, compile, run, and test simple object-oriented Java programs.
		CO2	Read and make elementary modifications to Java programs that solve real-world problems
		CO3	Validate input in a Java Script and ASP.NET program.
		CO4	Read and make elementary modifications to Java programs that solve real-world problems.
		CO5	Document a Java program using Javadoc and applet programs.
BS46Q	**Project Work**	**CO1**	On completion of project, work statements are specific, measureable and realistic.
		CO2	Group projects can be effective method to motivate students, encourage active learning and develop key critical-thinking, communication and decision-making skills.
		CO3	Through group projects students can be able to identify the problem and rectify it.

		CO4	Group Projects make the students understand the concepts of project work and basic steps to do the research work.
		CO5	Students are able to complete the project work through different analysis and techniques to get the end result. They also understand business organization practically.

DEPARTMENT OF ECONOMICS

B. A. ECONOMICS

Course Outcomes

2022 - 2023			
COURSE CODE	**COURSE NAME**	**COS**	**COURSE OUTCOMES**
I YEAR - I SEMESTER			
AE21A	**Micro Economics I**	**CO1**	After completing the course, the students will Understand of the basic conceptual framework of economics.
		CO2	Gain knowledge of market mechanism.
		CO3	An analyse the impact of changes in market forces on price, income and output over time.
		CO4	Get an overview of consumer behavioral patterns to arrive at equilibrium.
		CO5	In sights pertaining to production, production function and producer's equilibrium.
AE21B	**Statistics I**	**CO1**	Calculate and interpret the various descriptive measures of Centrality and Dispersion, Correlation, Linear Regression model.
		CO2	Measure CPI and WPI of a country over the time period.
		CO3	Get in-depth knowledge on the association between the attributes.
		CO4	Summarise the basic probability rules and provide an understanding of theoretical distributions.
		CO5	Acquire knowledge on the application of test of Hypotheses in Research in Economics (Social Science)
AE31A	**Allied-I History of Economic Thought**	**CO1**	Be able to trace the evolution of economic science and evaluate the contributions of various thinkers and schools of thought.
		CO2	Be able to conceptualize the evolution of economic ideas and hence forth identify the ideology of different schools of thought.
		CO3	Able to develop the critical thinking - contextual analysis of theories and its relevance.
		CO4	Be able to develop writing and presentation Skills

			engage in academic debates/ intellectual exercise.
		CO5	Be able to understand how planning and infrastructure support Indian economists to develop an economy.
I YEAR - II SEMESTER			
AE22A	**Micro Economics II**	**CO1**	After completing the course, the students will Gain knowledge of perfect competition and price and output determination.
		CO2	Get the idea about the concepts of cost and revenue.
		CO3	Get information about the monopoly market and the practice of price discrimination.
		CO4	Gain knowledge of monopolistic competition and oligopoly market condition.
		CO5	Get insight into theories of rent, wage, interest and price.
AE22B	**Statistics II**	**CO1**	Students will be able to explore data, demonstrate skill in describing and analysing data appropriately
		CO2	To learn empirically verify simple economic law/ theory.
		CO3	To perform simple economic analysis.
		CO4	To identify the nature of the phenomenon as represented by the sequences of observation and forecasting.
		CO5	To learn inferential statistics is concerned with making inferences.
AE32A	**Allied-II Health Economics**	**CO1**	To understand the students, health is one of the important indicators of human development.
		CO2	To highlight the need for health care services supply and demand between the private and public sectors.
		CO3	To enable the students to learn the key concepts of health and evaluation of the health care system.
		CO4	To assess the performance of health indicators and its implications.
		CO5	To create an awareness of health care and health insurance.
II YEAR - III SEMESTER			
AE23A	**Indian Economy I**	**CO1**	After completing the course, the students will Differentiate various economic and non -economic factors that determine the economic growth and

			development of the Indian economy.
		CO2	Identify the importance of sectoral contribution to the economic development of the country.
		CO3	Analyse the new economic reforms and also analyse the progress of privatization and globalization.
		CO4	Know the importance of agricultural sectors in Indian Economy.
		CO5	Appraise the issues related to Poverty and Unemployment and understand relevant policy implications to combat these problems.
AE23B	**Mathematics for Economist**	**CO1**	Understand the basic concepts of Mathematics. To apply the knowledge in mathematics in solving business problems.
		CO2	Identify and analyse problems of economic nature and find feasible solutions. Solving linear equations by using matrix.
		CO3	Apply concepts, equations, formulae, and mathematical expressions and relationships in a variety of economic conditions.
		CO4	Solutions to unconstrained optimization problems by identifying relative and global maximums and minimums of single and multi variable functions.
		CO5	Integration techniques in economic analysis and help to analyse consumer surplus and producer surplus.
AE33A	**Allied-III Rural Economics**	**CO1**	Understand the concept of rural economy.
		CO2	Gain knowledge about the rural employment, issues of unemployment and policies.
		CO3	Obtain knowledge about Agricultural Marketing, pricing policies, financial issues and financial institutions.
		CO4	Know the Rural Development Programmes and Policies of the government.
		CO5	Obtain knowledge about the Rural Industrialization opportunities.
II YEAR - IV SEMESTER			
AE24A	**Indian Economy II**	**CO1**	After completing the course, the students will Appreciate the changing perspective with regard to industrialization and policy prescriptions to enhance development.

		CO2	Be competent to analyse the cause of industrial disputes, and find out the measures for social security.
		CO3	Be capable of acquiring the ability to examine the role of trade policy and foreign trade, and know about the composition of foreign trade.
		CO4	Learn about the wide ranging impact of policy changes made by RBI and other financial institutions.
		CO5	Obtain an overview of the revenue and expenditure of both Central and State Governments and give knowledge about the revenue sharing formula recommended by Finance Commission.
AE24B	**Econometrics**	**CO1**	Illustrate the various concepts to familiarize and initiate the empirical phenomena.
		CO2	Understand how to use regression analysis to infer causal relations of economic variables.
		CO3	Understand the economic implications and the relevance of the tools required to formulate simple econometric models.
		CO4	Understand the core concepts employed for estimating single and simultaneous equations.
		CO5	Identify the uniqueness of categorical data and its subsequent estimation procedures.
AE34A	**Allied IV– Tamil Nadu Economy**	**CO1**	To understand the growth and development aspects of Tamil Nadu State economy. To gain knowledge about demographic structure of Tamil Nadu, population policy, employment issues and poverty.
		CO2	To understand the basics of cropping pattern, irrigation, marketing, food security and PDS.
		CO3	To understand the trends in industrial development in Tamil Nadu and the roles of SSI, TIDCO, TANSI, SIPCOT, DIC in promoting industrial growth.
		CO4	To gain knowledge on the role of transport system and energy sector in promoting economic development of Tamil Nadu.
		CO5	To understand the importance of health, education and environmental knowledge.
III YEAR - V SEMESTER			
		CO1	After completing the course, the students will Explain the concepts of Macroeconomics and its interrelations with Microeconomics.

AE25A	**Macro Economics I**	**CO2**	Learn Macroeconomic Measures of Performance, GDP and Unemployment and evaluate macro economic performance using indicators that include output measures and unemployment.
		CO3	Apply the principle of Macroeconomics in explaining the behavior of Macroeconomic variables at national as well as global level.
		CO4	Extend the concepts of Macroeconomics in unfolding the dynamics of energy sectors.
		CO5	Understand why the behavior of businesses and the rest of the world determines the Aggregate supply of goods and services.
AE25B	**Public Finance I**	**CO1**	Understand the importance of public finance in economic development and able to differentiate private and public in terms of finance and goods.
		CO2	Gain of knowledge in public expenditure, especially the significance and effects an increase in public expenditure. Also, to study the economic views of public expenditure.
		CO3	Gain knowledge into various sources of public revenue and to understand the ways in which direct and indirect taxes are levied for augmenting financial resources towards economic development.
		CO4	Study the theoretical underpinnings behind the shifting and incidence of taxes.
		CO5	Understand the concept of taxable capacity with its importance, types and measurements.
AE25C	**International Economics**	**CO1**	Understand the fundamental conceptual framework of international trade.
		CO2	Learn the application of the concepts to evaluate decisions with regard to international trade.
		CO3	Validate arguments and reassess the need for protection or open up trade to assess the effects of tariff and non-tariff barriers.
		CO4	Examine the functioning and causes of balance of payments conundrum and to enhance trade flows and design schemes for evaluation.
		CO5	Be aware of the functions and work of international financial institutions to ensure an orderly flow of cross border flows.
AE25D	**Development Economics**	**CO1**	Explain development economic growth theories, international trade development theories, and

			related economic development theories.
		CO2	Learn hardcore economic prescriptions for development, concerns hitherto relegated to background like education, health, sanitation and infrastructural development.
		CO3	Find a place of pride in explaining the preference of various economies.
		CO4	Be aware of the basic theoretical framework underlying the field of Development Economics.
		CO5	Be able to understand how planning and infrastructure support can develop an economy.
AE45A	**Elective I- Agricultural Economics**	**CO1**	Understand the concept of agricultural economics i.e. Farming and non-farming sectors, Cropping pattern.
		CO2	Gain knowledge about land holdings and its impact on productivity.
		CO3	Understand about the rural financial issues and sources of finance for agricultural development.
		CO4	Understand the concept of agricultural marketing functions and types.
		CO5	Gain knowledge about the community development programmes.
III YEAR – VI SEMESTER			
AE26A	**Macro Economics II**	**CO1**	Assess the impact of investment on increasing employment, output and consumption.
		CO2	Through the concept of multiplier.
		CO3	Understand the equilibrium between product and factor markets.
		CO4	Understand several key models and concepts of monetary economics. Demonstrate an understanding of economic fluctuations and policy measures to with stand Economic shocks.
		CO5	Learn to appreciate the role, value and limitations of monetary and fiscal policies in handling Economic fluctuations.
AE26B	**Public Finance II**	**CO1**	Understand the concept of public debt with its causes, effects and management.
		CO2	Gain knowledge of the concept of fiscal federalism, Finance commission and NITI AYO.
		CO3	Gain knowledge of the concept of deficit financing and its causes and effects in an economy.
		CO4	Gain knowledge of the framework of the budget and overview of the current Union Budget.

		CO5	Understand the major functions of local government sources of finance and the problems faced by them.
AE26C	**Monetary Economics**	**CO1**	Understand the nature, basic concepts, scope and importance of Money.
		CO2	Get an insight into the different schools of thought regarding the demand for money and supply of money.
		CO3	Get awareness of the different types, causes and effects of inflation and deflation.
		CO4	Be familiarize with the different classification of banks and the evolution of banks. To understand the working & operation of RBI.
		CO5	Know the structure and working of money market, capital markets and also determination of foreign exchange.
AE46B	**Elective -II Managerial Economics**	**CO1**	Gain knowledge of scope, basic concepts and principles of managerial economics.
		CO2	Accure insights into demand concepts and demand forecasting methods.
		CO3	Acquire information about cost concepts and break-even analysis.
		CO4	Acquire knowledge of pricing strategies.
		CO5	Acquire idea of capital budgeting, project profitability and methods of appraising projects.
AE46C	**Elective -III Environmental Economics**	**CO1**	Acquire knowledge regarding the relationship between the economy and the environment.
		CO2	Differentiate different types of pollution say Cumulative and Non-cumulative; Degradable and Non-degradable etc.
		CO3	Understand the cost and impact of pollution
		CO4	Acquire in-depth knowledge in the determination of Optimum level of pollution and measures undertaken by the government to control pollution.
		CO5	Learn to interlinking the concept of climate change with sustainable development and to understand the impact of climate change on Rural and Urban development.

DEPARTMENT OF PHYSICS

B. Sc. PHYSICS

Course Outcomes

2022 - 2023			
COURSE CODE	**COURSE NAME**	**COS**	**COURSE OUTCOMES**
I YEAR - I SEMESTER			
SR21A	**Major-I** **Properties of Matter and Sound**	**CO1**	After completing the course, the students will Analyse the strength of materials in terms of their size and shape.
		CO2	Understand the fluid dynamics that gives the fundamental knowledge of many practical applications.
		CO3	Analyse the phenomena of simple harmonic motion and the properties of systems executing such motions.
		CO4	Know the different methods of producing ultrasonic waves and its applications.
		CO5	Determine the modulus of elasticity through different experimental techniques.
SM3AA	**Allied-I** **Mathematics-I**	**CO1**	Gain knowledge about basic concepts of algebra and solving equations by using numerical methods.
		CO2	Be able to calculate the Eigen values, Eigen vectors and the applications of Cayley Hamilton theorem.
		CO3	Transform the equation through increasing and decreasing the roots and develop the skill necessary to solve polynomial equations.
		CO4	Write the expansions of trigonometric functions in terms of its powers and multiples and know about hyperbolic functions.
		CO5	Able to know the applications of derivatives in finding maxima, minima, and radius of curvature.

I YEAR - II SEMESTER			
SR22A	**Major-II** **Thermal Physics**	**CO1**	Acquire knowledge of heat and different measurement techniques in calorimetry.
		CO2	Use thermodynamic terminology correctly.
		CO3	Explain fundamental thermodynamic properties.
		CO4	Learn the basic aspects of the kinetic theory of gases and the mean free path of molecular collision.
		CO5	Know about Vander Waals' equation of state and the Joule-Thomson effect.
SM3AE	**Allied-II** **Mathematics-II**	**CO1**	Gain knowledge about basic concepts of integral calculus.
		CO2	Be able to solve second order nonhomo-geneous differential equations with con-stant coefficients of some particular types and understanding about partial differen-tial equations.
		CO3	Gain knowledge about Laplace trans-forms of standard functions and its appli-cations in solving differential equations.
		CO4	Gain knowledge about the basic concept of vector differentiation.
		CO5	Gain knowledge about the basic concept of vector integration.
SR221	**Core Practical – I**	**CO1**	On the successful completion of the demonstration, students develop their skills and competencies to conduct a wide range of scientific experiments.
		CO2	Be able to develop experimental and data analysis skills.
		CO3	Learn to use scientific apparatus.
II YEAR - III SEMESTER			
	Major-III **Mathematical Methods in Physics**	**CO1**	Use advanced mathematical methods and theories on various mathematical and physics problems.
		CO2	Develop the skill of problem-solving.
		CO3	Use Matrices to solve simultaneous equations.

		CO4	Solve quantum mechanical problems using special functions and polynomials.
		CO5	Apply Fourier series to simple circuits & understand electromagnetic theory with Vector Calculus.
	Allied **Chemistry - I**	**CO1**	Know the fundamentals of Nuclear Chemistry.
		CO2	Understand the industrial application of Fuels, Fertilizers and Polymers.
		CO3	Understand the basic concepts of Organic Chemistry.
		CO4	Study the various laws of Thermodynamics.
		CO5	Learn the fundamentals of Chemical Kinetics and the basics of Photochemistry.
II YEAR - IV SEMESTER			
	Major-IV **Mechanics**	**CO1**	Understand Newton's law of motion.
		CO2	Know the motion of a particle in gravitational, electric and magnetic fields.
		CO3	Acquire knowledge of conservation law
		CO4	Gain knowledge of the basics of dynamics of linear and rotational motion.
		CO5	Realize the basic principles behind planetary motion and understand the space - time concept through relativity.
	Allied **Chemistry - II**	**CO1**	Understand the fundamentals of coordination chemistry and its applications.
		CO2	Learn the structural aspects of biologically important compounds.
		CO3	Know the applications of the phase rule and freezing mixtures.
		CO4	Explain the basics of electrochemistry.
		CO5	Understand the basics of Analytical Chemistry.

	Core Practical – II	**CO1**	On the successful completion of the demonstration, students develop their skills and competencies to conduct a wide range of scientific experiments.
		CO2	On the successful completion of the demonstration, Students will be able to develop experimental and data analysis skills.
		CO3	Learn to use scientific apparatus.
	Allied **Chemistry Practical I & II**	**CO1**	Estimate the various salts and acids using volumetric analysis.
		CO2	To perform the Systematic analysis of organic compounds.
		CO3	To study the basic principles of practical chemistry.
III YEAR - V SEMESTER			
	Major-V **Optics & Spectroscopy**	**CO1**	Know the methods of rectifying different defects in lenses.
		CO2	Work with interferometers and other optical instruments.
		CO3	Distinguish between resolving power and dispersive power.
		CO4	Understand the rectilinear propagation of light.
		CO5	Be conversant with the production and detection of different types of polarized light and extract the dynamic information about the molecules using spectroscopic techniques.
	Major-VI **Electricity and Electromagnetism**	**CO1**	Demonstrate Gauss law, Coulomb's law for the electric field and apply it to systems of point charges as well as line, surface and volume distribution of charges.
		CO2	Understand the principle of capacitors and dielectric properties
		CO3	Explain Faraday and Lenz's laws to articulate the relation between electric

			and magnetic fields.
		CO4	Use a Ballistic Galvanometer of the state of art.
		CO5	Apply Maxwell's equations to arrive at different optical constants.
	Major-VII **Quantum Mechanics**	**CO1**	Know the inadequacies of classical mechanics in explaining microscopic phenomena.
		CO2	Introduce the concept of matter waves and their existence proved by experimental procedures and uncertainty principle in physical measurements.
		CO3	Formulate quantum mechanics through Schrodinger equation and associated different operators.
		CO4	Derive time dependent and independent Schrodinger equations.
		CO5	Find eigen values and eigen functions of one-dimensional and three-dimensional problems.
	Major-VIII **Basic Electronics**	**CO1**	Handle basic electronic devices like diode and transistor.
		CO2	Construct amplifiers of different specifications.
		CO3	Apply Barkhausen criteria to oscillators.
		CO4	Understand the different types of multivibrators.
		CO5	Get an idea about instrumentation.
	Elective-I **Geophysics**	**CO1**	Understand the different layers of the atmosphere.
		CO2	Know the details about geophysical and chemical methods.
		CO3	Gain sufficient knowledge of the earthquake and tsunami warning systems.
		CO4	Have an idea on geomagnetism and gravity.

		CO5	Understand the radioactivity of the earth.
III YEAR - VI SEMESTER			
	Major-IX **Atomic Physics & Lasers**	**CO1**	Use Photo electric effect appropriately.
		CO2	Analyse the atomic structure and associated coupling schemes.
		CO3	Understand the splitting of spectral lines due to electric and magnetic fields.
		CO4	Be familiar with X -rays and its applications.
		CO5	Distinguish different types of lasers.
	Major-X **Nuclear & Radiation Physics**	**CO1**	Describe the nuclear models.
		CO2	Understand the half-life and mean life of radioactive substances and the mechanism of radiation.
		CO3	Appreciate the production of nuclear energy through nuclear fission.
		CO4	Understand the aspects of Radiation Physics and its impact on the environment.
		CO5	Be familiar with the conservation laws associated with elementary particles.
	Major-XI **Solid State Physics**	**CO1**	Help as a pre-requisite for understanding materials science, nano science, etc.
		CO2	Understand a relationship between structure and properties of the solid state systems.
		CO3	Understand the importance of superconducting materials in engineering applications.
		CO4	Understand the different types of bonding in solid substances.
		CO5	Understand the magnetic and dielectric properties of crystalline structures.
		CO1	Gain knowledge on different number systems.

	Elective-II Integrated Electronics	**CO2**	Get the skill to simplify logic using Karnaugh map and Boolean algebra.
		CO3	Get knowledge of storing and retrieving data through mux and demux.
		CO4	Learn to customize the counters to the need through serial and parallel counters.
	ELECTIVE-III Microprocessor 8085 and Microcontroller	**CO1**	Describe the general architecture of a microcomputer system and architecture & organization of 8085 Microprocessor and understand the difference between 8085 and an advanced microprocessor.
		CO2	Understand and realize the Interfacing of memory & various I/O devices with 8085 microprocessor.
		CO3	Understand and classify the instruction set of 8085 microprocessor and distinguish the use of different instructions and apply it assembly language programming.
		CO4	Understand the architecture and operation of Programmable Interface Devices and realize the programming & interfacing of it with 8085 microprocessor.
		CO5	Understand the concepts of interrupts and microcontrollers.
	Physics Practical-III	**CO1**	Experience basic phenomena.
		CO2	Develop critical, quantitative thinking.
		CO3	Develop experimental and data analysis skills.
		CO4	Learn to use scientific apparatus.
		CO5	Learn to estimate statistical errors and recognize systematic errors.
	Physics Practical-IV	**CO1**	On the successful completion of the demonstration, students develop their skills and competencies to conduct a wide range of scientific experiments.
		CO2	Students are able to develop experimental and data analysis skills.
		CO3	Students learn to use scientific apparatus

		CO4	Students will develop critical, quantitative thinking.
		CO5	Students get experience basic electronic phenomena in electronic devices and components.
	Physics Practical-V	**CO1**	Students will get basic ideas on microprocessor, memory, and I/O devices.
		CO2	Students will be familiar with the basic concepts of microprocessor architecture and interfacing.
		CO3	Students will learn impart skills in the programming instruction sets of microprocessors.
		CO4	Students will learn the importance of Microprocessors 8085 in designing real-time applications.
		CO5	Students will develop interfacing to real world devices like LED displays, keyboards, DAC/ADC, and various other devices.

DEPARTMENT OF CORPORATE SECRETARYSHIP

B. Com. CORPORATE SECRETARYSHIP

Course Outcomes

2022 - 2023			
COURSE CODE	**COURSE NAME**	**COS**	**COURSE OUTCOMES**
I YEAR - I SEMESTER			
AY21A	**Financial Accounting**	**CO1**	The students will be able to acquire conceptual knowledge of the basics of accounting.
		CO2	The students will recognize circumstances providing for increased exposure to errors and fraud. They identify and analyze the reasons for the difference between cash book and pass book balances.
		CO3	The students will be able to determine the useful life and value of the depreciable asset. Create awareness to students about the need for protection against losses due to fire.
		CO4	The students acquired various methods in a single entry system.
		CO5	The students will gain knowledge on hire purchase system and installment system.
AY21B	**Business Communication**	**CO1**	The students will be able to apply business communication strategies and principles to prepare effective communication for domestic and international business situations.
		CO2	The students will benefit by write business letters effectively.
		CO3	The students will gain knowledge on bank correspondence, insurance correspondence, agency correspondence and correspondence with shareholders & Directors.
		CO4	The students will be conversant with business or official communication terms

			and report writing skills.
		CO5	The students enhance their verbal communication using modern technology.
AY31A	**International Trade**	**CO1**	The students will learn about various trade theories in international trade.
		CO2	The students will identify the basic patterns of trade and identify the role of various entities in world trade.
		CO3	The students study about WTO on current global trade in detail.
		CO4	The students will gain knowledge of the balance of payments accounting to measure international flows of money and products.
		CO5	Students will understand the organizations involved in international trade.
I YEAR - II SEMESTER			
AY22A	**Advanced Financial Accounting**	**CO1**	The students will be able to prepare for wholesale profit and retail profit, Independent Branches.
		CO2	Students will solve problems relating to calculation of Profit- Inter-departmental transfer at cost or selling price.
		CO3	Students will analyse and prepare accounts for Admission of a Partner – Retirement of a Partner – Death of a Partner.
		CO4	The students will be aware of Insolvency of a Partner- Insolvency of all Partners, Piecemeal Distribution of cash in Partnership Firm.
		CO5	The students will be able to understand the role of developing IFRS, Implementation Plan in India.
		CO1	The students learn the basic concepts of management and understand how an organization functions.

AY22B	**Corporate Management**	**CO2**	The students acquire knowledge on scope and types of planning along with decision-making techniques and processes.
		CO3	The students learn the various functions of organizing, managing, change and innovation.
		CO4	The students will learn the concepts of coordination and controlling techniques.
		CO5	The students gain the knowledge to direct and supervise workers.
AY32A	**Business Economics**	**CO1**	The students will be able to get knowledge of the basics and concept of business economics.
		CO2	The students will know the basic concept of the modern concepts of communication.
		CO3	The students will be familiar with the concept of product pricing, monopoly and pricing methods.
		CO4	The students will understand the concept of opportunity cost, views and elements of Business economics and Business cycle.
		CO5	The students will be familiar with the topic of views on economics, Law of diminishing marginal utilities.
II YEAR - III SEMESTER			
AY23A	**Corporate Accounting**	**CO1**	After completing the course, students will be able To understand the concept of pro-rata allotment in allocating the shares to the general public.
		CO2	To calculate the commission payable to the underwriters for the support of selling the shares to the public.
		CO3	To understand and remember the advanced concepts of preparing the

			financial statement of accounts.
		CO4	To understand the concepts of valuation of goodwill and shares.
		CO5	To understand the concept of preparing the financial statement of an insurance company.
AY23B	**Company Law and Secretarial Practice**	**CO1**	To learn the basic concepts of companies, Memorandum of Association & Articles of Association.
		CO2	To understand the types of prospectus, its contents regarding secretarial duties of the company secretary.
		CO3	To learn various provisions related to Member of a Company.
		CO4	To understand the rules regarding Director, qualification & disqualification of Director and various meetings are conducted in the organization.
		CO5	To learn the rules regarding winding up of the company.
AY33A	**Business Statistics**	**CO1**	To understand about basic concepts of statistics, collection of data, tabulation of data and the various diagrammatic representations of data.
		CO2	To learn about measures of variation and measures of central tendency.
		CO3	To gain knowledge about correlation, rank correlation and regression analysis.
		CO4	To learn about trend values and seasonal indices.
		CO5	To know about types of Index numbers, the construction of Index numbers and also to understand the concept of chain base and fixed base Index numbers.
II YEAR - IV SEMESTER			
		CO1	After completing the course, Students will understand the accounting procedures of altering or reducing the

AY24A	**Advanced Corporate Accounting**		share capital of the company.
		CO2	Students will calculate the consideration payable to the Transferee Company and prepare a balance sheet for the Transferor Company.
		CO3	Students will evaluate the company's winding up procedures and preparing the final liquidation statement.
		CO4	Students will understand the concept of preparing the consolidated financial statement of holding companies.
		CO5	Students will understand the concept of preparing the financial statement of a banking company.
AY24B	**Indirect Taxation**	**CO1**	Student will gain knowledge of the Principles of Indirect taxation.
		CO2	Students will understand about GST concept.
		CO3	Students will be able to know the GST assessment procedures.
		CO4	Students will know about the GST audit and National Anti – Profiteering Authority.
		CO5	Spotlighting about Customs Duty under GST.
AY34A	**Securities Laws and Market Operations**	**CO1**	Students will understand the conceptual knowledge of the primary market and new issue market.
		CO2	Students will realise the protection of investors and ensure a steady flow of savings into the capital market.
		CO3	Students will evaluate the financial instruments in New Issue & Secondary Market
		CO4	Students will recognize the concept of a mechanism of the stock market for issuing securities.
		CO5	Students will acknowledge the concept of Credit Rating agencies in India.

III YEAR - V SEMESTER			
AY25A	**Cost Accounting**	**CO1**	After completing the course, students will be able To understand cost accounting and prepare a cost sheet and estimation of the cost sheet.
		CO2	To learn how to maintain inventory in the company.
		CO3	To gain knowledge of the importance of labour cost and various methods of wage payment.
		CO4	To ascertain the distribution channels of overheads.
		CO5	To understand the various methods of valuation of work in the process.
AY25B	**Corporate Governance and Ethics**	**CO1**	To acquire knowledge in an environment of trust, transparency and accountability necessary for fostering long-term investment, financial stability and business integrity, thereby supporting stronger growth and more inclusive societies.
		CO2	To learn about various roles of stakeholders in corporate governance, with some emphasis on shareholders, directors and management.
		CO3	To study about the various global institution's involvements in corporate governance.
		CO4	To gain knowledge about goals and objectives related to social and environmental issues that help the firm only when aligned with its strategy, vision and mission.
		CO5	To gain skills with which to recognize and resolve ethical issues in business.
		CO1	To be familiar with business laws and its interpretation. To understand the

AY25C	**Business Laws**		essentials of a valid contract, the laws of the act.
		CO2	To understand the various concept of contract offers, acceptance, free consent and discharge of contracts.
		CO3	To understand the essentials of quasi contract and modes of discharge of a contract.
		CO4	To explain the various laws with regard to the sale of goods and performance of a sale contract and remedial measures.
		CO5	To understand the various laws with regard to Patents and other Intellectual Property Rights, Concepts, Objectives & Rules relating to Patents Act, 1970, Copyright Act, 1957 & Trade Marks Act, 1999. Applicability, Duration, Registrations Procedures, Insurance Laws, IRT ACT**.**
AY25D	**Income Tax Law and Practice I**	**CO1**	To enable students to identify the basic concepts, definitions and terms under the Income Tax Act 1961, they can determine the residential status of an individual and the scope of total income.
		CO2	To compute the income from salaries.
		CO3	To compute income from House Property.
		CO4	To compute income from Business/ Profession.
		CO5	To understand the concept of PAN card and its usage, TDS, TCS and also TRACES.
III YEAR - VI SEMESTER			
AY45A	**Marketing**	**CO1**	After completing the course, students will be able To understand the importance of functions and basics of a market.
		CO2	To understand the concept of market

			segmentation and consumer behaviour.
		CO3	To understand the essentials of product, pricing and its strategies.
		CO4	To understand the various methods of promotion and what advertising stands for in the market place.
		CO5	To understand the most recent trends in marketing of E- marketing and MIS.
AY26B	**Management Accounting**	**CO1**	To gain knowledge on management, accounting concepts, tools and techniques.
		CO2	To use Management Accounting tools to analyse financial statements
		CO3	To understand the relevance of ratio analysis in business organizations.
		CO4	To prepare the fund flow and cash flow statements of a business enterprise.
		CO5	To prepare different types of budgets and to take managerial decisions by application of marginal costing.
AY26A	**Industrial Laws**	**CO1**	To understand the various legal Acts passed to protect the health, safety and welfare of employees.
		CO2	To analyse important provisions relating to the Industrial Disputes Act.
		CO3	To evaluate compensation payable, remedies available to workers in Workers Compensation Act.
		CO4	To recognise the concept of an Employee's State Insurance scheme.
		CO5	To acknowledge the concept of Employees Provident Fund and Miscellaneous Act, 1952.
AY26C	**Entrepreneurial Development**	**CO1**	To gain adequate knowledge about entrepreneurs and their types.
		CO2	To understand the techniques of business idea generation.

		CO3	To gain adequate knowledge about feasible analysis.
		CO4	To demonstrate a model project report of the new venture.
		CO5	To gain knowledge about government grants and schemes.
AY26D	**Income Tax Law and Practice II**	**CO1**	To apply the gains earned or that loss occurred from the transfer of capital assets.
		CO2	To acquire knowledge about other source of income and other related provisions.
		CO3	To identify the permissible inter-source and inter-head adjustments and provisions relating to clubbing of incomes.
		CO4	To understand the concepts of deductions and construct the total income and tax liability of an individual.
		CO5	To get an awareness on the income tax authorities and the procedure of assessment.
AY261	**Institutional Training**	**CO1**	To create a natural interest in the practical aspects of the corporate sector.
		CO2	To associate the theory with practice.
		CO3	To develop skills to face challenges and problems in the corporate sector/ environment.

DEPARTMENT OF ACCOUNTING & FINANCE

B. Com. ACCOUNTING & FINANCE

Course Outcomes

COURSE CODE	COURSE NAME	COS	COURSE OUTCOMES
I YEAR - I SEMESTER			
CZ21A	**Financial Accounting**	**CO1**	After completing the course, The students will be able to acquire conceptual knowledge of the basics of accounting.
		CO2	The students will recognize circumstances providing for increased exposure to errors and fraud. They will identify and analyze the reasons for the difference between cash books and passbook balances.
		CO3	The students will be able to determine the useful life and value of the depreciable asset and create awareness for the students about the need for protection against losses due to fire.
		CO4	The students will acquire various methods in a single entry system.
		CO5	The students will gain knowledge of the hire purchase system and installment systems.
CA21A	**Financial Planning and Performance**	**CO1**	The students are able to develop the scope of financial planning in functional areas of business.
		CO2	The students will develop knowledge of budgeting and budgeting control.
		CO3	The student will benefit by choosing costs and variance to cope with market conditions.
		CO4	The students will analyse the elements of responsibility centres and reporting segments for efficient planning in long term and short term finance.
		CO5	The students will analyse the various investment measures.
CA31B	**Business Communication**	**CO1**	The students are able to apply business communication strategies and principles to prepare effective communication for domestic and international business situations.
		CO2	The students will benefit by writing business letters

			effectively.
		CO3	The students will gain knowledge of bank correspondence, insurance correspondence, agency correspondence and correspondence with shareholders & directors.
		CO4	The students will be conversant with business or official communication terms and report writing skills.
		CO5	The students are able to enhance their verbal communication using modern technology.
I YEAR - II SEMESTER			
CZ22A	**Advanced Financial Accounting**	**CO1**	The students will be able to prepare wholesale profit and retail profit, independent branches.
		CO2	The students will be able solve problems relating to calculation of profit- inter-departmental transfers at cost or selling price.
		CO3	The students will analyse and prepare accounts for Admission of a Partner – Retirement of a Partner – Death of a Partner.
		CO4	The students will be aware of the insolvency of a partner- insolvency of all partners, piecemeal distribution of cash in a partnership firm.
		CO5	The students will be able to understand the role of developing the implementation of IFRS in India.
CZ22B	**Principles of Management**	**CO1**	The students will be able to understand the concepts of management.
		CO2	The students will gain knowledge of planning and decision making in an organization.
		CO3	The students will be able to understand organizational structure and departmentalization.
		CO4	The students will be able to describe the authority and responsibility in an organization.
		CO5	The students will learn about co –ordination and control, principles and techniques.
		CO1	The students will be able acquire knowledge of accounting information system.
		CO2	The students will be able to understand the life cycle

			of accounting information system and to generate solutions for business challenges.
CA32B	**Financial Analytics & Control**	**CO3**	The students will understand the concept of cost behaviour and types of cost, classify the costing system and compare different types of cost.
		CO4	The students will understand supply chain management and business management.
		CO5	The students will understand governance, risk compliance, system control and security measures for internal control.
II YEAR - III SEMESTER			
CZ23A	**Corporate Accounting**	**CO1**	After completing the course, the students will be able To understand the concept of pro-rata allotment in allocating the shares to the general public.
		CO2	To calculate the commission payable to the underwriters for the support of selling the shares to the public.
		CO3	To understand and remember the advanced concepts of preparing the financial statement of accounts.
		CO4	To understand the concept of valuation of goodwill and shares.
		CO5	To understand the concept of preparing the financial statement of an insurance company.
CA23A	**Financial Reporting**	**CO1**	After completing the course, the students will Gain insight of the GAAP & IFRS practices prevailing in the current scenario.
		CO2	Understand the various techniques in revenue recognition and accruals and deferrals.
		CO3	Understand outline about the notes receivable and inventory valuations.
		CO4	Know about the asset valuation and valuation of liabilities.
		CO5	Understand the equity approach in transactions as per GAAP & IFRS.
		CO1	After completing the course, the students will

CZ23C	**Banking Theory Law and Practice**		Understand the basic concepts of banking and the functions of banking
		CO2	Analysis the role and organizational structure of the Indian banking system
		CO3	Develop the application skills of writing, crossing cheques, opening a bank account, using the ATM, debit card and a credit card.
		CO4	Analysis the different types of loans and advances available to a customer.
		CO5	Learn regarding the duties of a banker.
CZ23D	**Marketing**	**CO1**	After completing the course, the students will Gain knowledge of the classification of the market.
		CO2	Understand the concept of the buying decision process and buying motives.
		CO3	Know about the stages of new product development and product life cycle.
		CO4	Learn about the concepts of advertising and personal selling.
		CO5	Understand of E- Marketing and marketing regulations.
CZ33A	**Business Statistics**	**CO1**	After completing the course, the students will be able To understand about basic concepts of statistics, collection of data, tabulation of data and the various diagrammatic representation of data.
		CO2	To learn about measures of variation and measures of central tendency.
		CO3	To gain knowledge about correlation, rank correlation and regression analysis.
		CO4	To learn about trend values and seasonal indices.
		CO5	To know about types of index numbers, the construction of index numbers and also to understand the concept of chain base and fixed base index numbers.
II YEAR - IV SEMESTER			
		CO1	After completing the course, the students will

CZ24A	**Advanced Corporate Accounting**		Understand the accounting procedures of altering or reducing the share capital of a company.
		CO2	Be able to calculate the consideration payable to the company and prepare a balance sheet for the transferor company.
		CO3	Evaluate the company's winding procedures and prepare a final liquidation statement.
		CO4	Understand the concept of preparing the consolidated financial statement of holding companies.
		CO5	Understand the concept of preparing the financial statement of a banking company.
CZ24D	**Indirect Taxation**	**CO1**	Gain knowledge of the principles of indirect taxation.
		CO2	Understand the GST concept.
		CO3	Be able to know the GST assessment procedures.
		CO4	Be able to know about the GST audit and national audit profiteering authority.
		CO5	Understand about customs duty under GST.
CA24A	**Corporate and Business Law**	**CO1**	After completing the course, the students will be able To understand the basics of law, the history of law and the essentials of a valid contract.
		CO2	To understand the laws with regard to offer and acceptance, consideration.
		CO3	To learn about the relevance of corporate laws, MOA, AOA and its various clauses, the role of NCLT, NCLAT .To explain the meaning and the various legislation with regard to capacity of parties, free consent and legality of objects.
		CO4	To learn the circumstances when the corporate veil can be lifted.
		CO5	To understand the meaning of the prospectus and its requirements, the consequences of misstatement in the prospectus, provisions relating to dividends, the provisions relating to various meetings.
		CO1	After completing the course, the students will

CA24B	**Working Capital Management**		Understand the meaning, need and importance of working capital for smooth functioning of an entity.
		CO2	Understand the factors which determine working capital.
		CO3	Learn the methods of estimating working capital.
		CO4	Understand the credit policy of working capital with its management.
		CO5	Understand the methods of receivable management.
CZ34A	**Elements of Operation Research**	**CO1**	After completing the course, the students will Learn the origin and history of operations research.
		CO2	Acquire knowledge about linear programming problems.
		CO3	Be able to solve the problems using the graphic and simplex method in LPP.
		CO4	Learn about the transportation and assignment problems.
		CO5	Acquire knowledge to solve problems in game theory.
III YEAR - V SEMESTER			
CZ25A	**Elements of Cost Accounting**	**CO1**	After completing the course, The students will know the process of Accounting for Cost Elements
		CO2	The students will learn about the preparation of sheets.
		CO3	Students will be able to understand stock levels, calculation of EOQ, methods of valuation of inventory and the importance of ABC analysis.
		CO4	Students will be able to understand the attendance and payroll system, methods of Labour Turnover, remuneration and bonus methods, and also be able to calculate labour costs.
		CO5	The students will demonstrate the concept of overhead costing.
		CO1	After completing the course, The students will understand the concept of present

CZ25B	**Practical Auditing**		day Auditing Practices
		CO2	The students will gain knowledge of various techniques of auditing.
		CO3	The students will develop the skills to provide stakeholders with relevant and reliable information.
		CO4	The students will know about the auditor's responsibilities towards audit report.
		CO5	The students will understand the general approach of audit in an EDP environment.
CA25A	**Income Tax Law and Practice-I**	**CO1**	The students to identify the basic concepts, definitions and terms under Income Tax Act 1961, so they can determine the residential status of an individual and the scope of total income.
		CO2	The students will compute the income from salaries.
		CO3	The students will compute income from house property.
		CO4	The students will compute income from Business/ Profession.
		CO5	The students will understand the concept of the PAN card and its usage; TDS, TCS and also TRACES.
CZ25D	**Financial Management**	**CO1**	The students will develop the scope of financial management in functional areas of business.
		CO2	The students will solve problems relating to the capital structure, cost of capital and types of leverage.
		CO3	The students will know to choose appropriate dividend theories to cope with market conditions.
		CO4	The students will analyse the elements of working capital management for efficient management of short-term finance.
		CO5	The students will analyse the various investment decisions for capital investment.
CA45A	**Portfolio Management**	**CO1**	The students will understand the basic concepts of portfolio management and its techniques.
		CO2	The students can demonstrate the use of a time line in modelling and solving time value of money problems for different frequencies of compounding.
		CO3	The students can apply knowledge gained to

			perform analysis of various securities.
		CO4	Students are able to determine the portfolio risk and return and measure it on the basis of various techniques.
		CO5	The students will understand the concept of portfolio management for better investment
III YEAR - VI SEMESTER			
CZ26A	**Advanced Cost Accounting**	**CO1**	After completing the course, the students will Gain knowledge of accounts and prepare contract statements.
		CO2	Solve problems relating to statement of process costing.
		CO3	Know about the various operating costing methods.
		CO4	Have a clear picture of marginal costs and break-even analysis.
		CO5	Acquire knowledge of variance analysis and standard costs.
CZ26B	**Management Accounting**	**CO1**	After completing the course, the students will Gain knowledge of management, accounting concepts, tools and techniques.
		CO2	Be able to use management accounting tools to analyse financial statements.
		CO3	Understand the relevance of ratio analysis in business organizations.
		CO4	Learn the skills to prepare the fund flow and cash flow statements of a business enterprise.
		CO5	Be able to prepare different types of budgets and to take managerial decisions by application of marginal costs.
CA26A	**Income Tax Law and**	**CO1**	After completing the course, the students will Apply the gains earned or loss that occur from the transfer of capital assets.
		CO2	Acquire knowledge about other sources of income and other related provisions.
		CO3	Identify the permissible inter-source and inter-head adjustments and provisions relating to clubbing of

	Practice -II		incomes.
		CO4	Understand the concepts of deductions and construct the total income and tax liability of an individual.
		CO5	Get awareness of the income tax authorities and the procedure of assessment.
CA46A	**Entrepreneurial Development**	**CO1**	After completing the course, Students will have adequate knowledge about entrepreneurs and their types.
		CO2	Students will understand the techniques of business idea generation.
		CO3	Students will have adequate knowledge about feasible analysis.
		CO4	Students will demonstrate a model project report of a new venture.
		CO5	Students will have knowledge of government grants and schemes.
CA46B	**Capital Markets**	**CO1**	After completing the course, the students will Understand the concept of the role and functions of the financial market.
		CO2	Enrich knowledge of the application of the regulatory framework of the Indian capital market, insider trading and investor protection.
		CO3	Gain knowledge about the functions of SEBI and its guidelines.
		CO4	Acquire knowledge in the primary and secondary markets.
		CO5	Understand the need and benefits of the depositary system in India, the depositary process, and the functioning of NSDL.

DEPARTMENT OF HISTORICAL STUDIES

B. A. HISTORICAL STUDIES

Course Outcomes

2022 - 2023			
COURSE CODE	**COURSE NAME**	**COS**	**COURSE OUTCOMES**
I YEAR - I SEMESTER			
AH21A	**History of Ancient India upto 1206**		After completing the course, the students will
		CO1	Be aware of our rich nature and heritage.
		CO2	Get the knowledge of social development in ancient India.
		CO3	Know the contributions of Indian kings to ancient India.
		CO4	The students will learn about economic developments and intend to analyse them by reinterpreting the existing primary and secondary sources.
		CO5	Gain the knowledge of the political developments and develop the skills of the students by giving new arguments and interpretations.
AH21B	**History of Tamil Nadu upto850**	**CO1**	Be able to inculcate the importance of the administration of ancient Tamil society.
		CO2	Understand the cultural heritage of Tamil Nadu.
		CO3	Understand about the socio–political and cultural conditions from Sangam age to A.D.1336.
		CO4	Understand the contribution of Pandyas.
		CO5	Make an acquaintance about the invasions in Tamil Nadu.
AH3AA	**Principles of Political Science**	**CO1**	Understand the principles of Political Science.
		CO2	Understand the basic concepts, principles and dynamics of political science.
		CO3	Understand the basic concept and ideological orientations of political science discipline.
		CO4	Understand the importance of writing in academic life.
		CO5	Understand the importance of reading for life. Read independently unfamiliar texts with comprehension.
I YEAR - II SEMESTER			
AH22A	**History of Early Medieval India**	**CO1**	Understand the social developments in India from the Gupta to the early medieval Periods.

	1206 -1526CE	**CO2**	Learn about the political and cultural development of the Period.
		CO3	Understand the elements of change and continuity over time and space, particularly from the period of Gupta to Sultanate.
		CO4	Understand the administrative organization and structure of Delhi Sultanate.
		CO5	Get acquainted with the contributions of Vijayanagar and Bahmini Kingdoms.
AH22C	**History of Tamil Nadu 850- 1565 CE**	**CO1**	Understand the condition of medieval Tamilagam.
		CO2	Understand the early resistance to the British by Tamilagam.
		CO3	Understand the political scenario of Medieval Tamil Nadu.
		CO4	Gain the knowledge of the establishment of British rule in Tamil Nadu.
		CO5	Learn about the early resistance that was made by the Tamils against the British.
AH3AB	**Geography of India**	**CO1**	Identify and explain the Indian Geographical environment, from global to local scales.
		CO2	Apply geographical knowledge to everyday living.
		CO3	Apply knowledge of global issues to a unique scientific problem.
		CO4	Show an awareness and responsibility for the environment, with special reference to India.
		CO5	Be able to explain all modes and components of Transport.
II YEAR - III SEMESTER			
AH23A	**History of Medieval India 1526- 1707 CE**	**CO1**	Learn about the formation, expansion and consolidation of the Mughal Empire.
		CO2	Understand the transformations in the administration of colonial India.
		CO3	Get an overview of the main trends and developments in India during the Mughal period.
		CO4	Understand the knowledge of socio- economic and political history, focusing on the continuity and change from the Hindu to the Muslim period.
		CO5	Be acquainted with British policy, stressing on the positive and negative effects.
AH23B	**History of Tamil**	**CO1**	Understand the political scenario of Tamil Nadu between the 16^{th} and 19^{th} Centuries.

	Nadu 1565- 1806 CE	**CO2**	Know about the political and economic conditions of Tamilagam.
		CO3	Understand the history and the contributions of Vijayanagar, Nayak and Maratha rule in Tamilagam.
		CO4	Enhance the knowledge of the establishment of British rule in Tamil Nadu.
		CO5	Understand what the early resistances were made by the Tamils against the British.
AH3AC	**Basics of Archaeology**	**CO1**	Understand how evolutionary and historical processes have shaped primates and human ancestors and lead to the biological, behavioural, and cultural diversity seen in the present.
		CO2	Describe how varying types of data are collected, analyzed, synthesized and interpreted to achieve these first two goals.
		CO3	Trace and evaluate archaeology as a source history.
		CO4	Understand the Methods of Exploration and Excavation.
		CO5	Get acquainted with the meaning and importance of Epigraphy and Numismatics.
II YEAR - IV SEMESTER			
AH24A	**History of Modern India 1707 – 1857**	**CO1**	Get an overview of the main trends and developments in India during the Mughal period.
		CO2	Understand the knowledge of socio- economic and political history, focus on the continuity and change from the Hindu to the Muslim period.
		CO3	Be acquainted with the British policy, stressing on the positive and negative effects.
		CO4	Understand the transformations in the administration of colonial India.
		CO5	Learn about the formation, expansion and consolidation of the Mugal Empire.
AH24B	**Freedom Movement in Tamil Nadu 1858 -1947 CE**	**CO1**	Gain knowledge on the origin of freedom movement in Tamil society.
		CO2	Gain knowledge of India's fight for independence with special reference to Tamil Nadu and the roles of the different sections of the society.
		CO3	Learn to appreciate and respect the Tamil leaders and in still patriotism.

		CO4	Understand the vibrant role of Tamil people in the nationalist upsurge.
		CO5	Learn about the various associations before the emergence of the Indian National Movement.
AH3AD	**Outlines of Indian Philosophy**	**CO1**	Understand the morality which is the basis of human life.
		CO2	Know the ideas and thoughts of Indian philosophers.
		CO3	Develop the philosophical ideas which enrich the values of actions. It would help the students to understand the concepts of idealism, naturalism, pragmatism, realism and spiritualism.
		CO4	Know the ideas and thoughts of Indian Philosophers.
		CO5	Understand how ethics is used in several ways in life.
III YEAR - V SEMESTER			
AH25A	**Indian National Movement 1858-1947**	**CO1**	Understand about the Historical sense of Indian freedom struggle and its various ideologies.
		CO2	Evaluate the role Gandhi towards Indian Independence and recognize his involvement in social movements.
		CO3	Identify the causes that led to the rise of nationalism in India.
		CO4	Understand the various stages of the National Movement in India.
		CO5	Learn about the names of prominent leaders of the Indian National Movement.
AH25B	**Contemporary Tamil Nadu 1947 – 2016 CE**	**CO1**	Gain knowledge about the political history of Tamil Nadu.
		CO2	Understand the importance of the struggle for social justice in Tamil Nadu.
		CO3	Learn about the development of education, science and technology and learn to examine contemporary issues to related to religion, caste and politics in Tamil Nadu.
		CO4	Develop knowledge of the administration of Tamil Nadu since Independence.
		CO5	Gain a deeper understanding about the various determinants of Tamil Nadu's developments and its contribution to the national economy.
AH25C	**History of Civilization (Excluding India)**	**CO1**	Aware of the Great civilizations of the world.
		CO2	Learn a critical understanding of the contributions made by the significant civilizations of the world.

		CO3	Study various aspects of Civilizations, like Polity, Literature, Science and Arts of these Civilizations.
		CO4	Understand the functions of Indian administration.
		CO5	Get an Overview regarding the principles of organization and administration.
AH25D	**History of Modern Europe 1789 -1919 CE**	**CO1**	Understand the rise of nationalism and the formation of nation states in Europe and understand on the balance of power and diplomacy.
		CO2	Know the repercussions of the Unification of Italy and Germany and the revolutions in Europe.
		CO3	Gain a deeper understanding of the rise of Nationalism and the formation of states.
		CO4	Learn about the French revolution and its impact on Europe.
		CO5	Analyse the importance of the Unification of Italy and role of Mazzini Cavour.
AH4AA	**Elective Tourism and Travel Management**	**CO1**	Analyse the significance and growth of tourism.
		CO2	Discuss the role and trade routes of tourism.
		CO3	Discuss various tourism administrative organizations worldwide.
		CO4	Know different forms of tourism.
		CO5	Identify the current trends in tourism marketing.
III YEAR - VI SEMESTER			
AH26A	**Contemporary India 1947- 2019**	**CO1**	Get a picture of how India's political and economic agenda and the basics of foreign policy have evolved and developed since independence.
		CO2	Development education, science and technology and dwell on the consolidation of the nation, emphasize the principles of unity and integrity.
		CO3	Get the awareness about the various issues and the challenges faced by India during the contemporary period.
		CO4	Understand the unprecedented changes since its formal independence.
		CO5	Get an overview the social dimensions of change and political democracy.
AH26B	**Indian Constitution**	**CO1**	Learn the role of the Constitution in a democratic society and get a complete knowledge about the Indian Constitution.
		CO2	Get an awareness of framing, drafting and implementation of Indian Constitutional Laws in the Parliament.

		CO3	Aware of the constitutional laws and their implications.
		CO4	Get an in-depth knowledge of Indian citizen's Rights and Duties.
		CO5	Understand the functioning of Government in India.
AH26C	**History of USA 1900- 2000CE**	**CO1**	Gain knowledge of the history of USA.
		CO2	Understand the critical past of USA and its governmental policies.
		CO3	Understand the foreign policy of USA in light of the global wars.
		CO4	Demonstrate an understanding of the rise of America as a super power.
		CO5	Understand the development that are taking place in the contemporary United States from a foreign historical prospective.
AH4AB	**Elective I Modern Journal : Principles Practices**	**CO1**	Understand the principles of modern Journalism.
		CO2	Understand role of the media in the development of society.
		CO3	Learn about the type of Journalism.
		CO4	Be able to identify the challenges of working as a media professional.
		CO5	Learn the definition of News and understand its elements, news sources and different types of news.
AH4AC	**Elective II Environmental History of India**	**CO1**	Understand the basic environmental concept with an emphasis on the emergence of the Environmental History of India.
		CO2	Know the emphasis on Indian experience towards the environment protection movements.
		CO3	Understand the urban environmental problems and the various policies and schemes introduced by the government towards protection.
		CO4	Learn about the multidisciplinary nature of environmental studies.
		CO5	Learn about the natural resources, use of resources, deforestation and its impact on the environment, sustainable development and its aspects.

DEPARTMENT OF SOCIOLOGY

B. A. SOCIOLOGY

Course Outcomes

2022 - 2023

COURSE CODE	COURSE NAME	COS	COURSE OUTCOMES
I YEAR - I SEMESTER			
AS21A	**Principles of Sociology - I**	**CO1**	The students can understand the origin and development of sociology.
		CO2	The students can also understand the discipline of sociology and the sociological perspective.
		CO3	The students can recognize how sociology differs from and is similar to other social sciences.
		CO4	The students can explain the different social institutions and their impact on sociology.
		CO5	The students can understand the process and agencies of socialization.
AS21B	**Indian Society**	**CO1**	The student will identify the functions of various social structures in India.
		CO2	The students can elaborate on the perspectives of Indian society.
		CO3	The student can compare the various social changes in Indian society.
		CO4	The students will also describe the Stratification System in society.
		CO5	The students can examine the social changes in India.
AS31A	**Social Psychology**	**CO1**	The students can explain the scope of social psychology and its relationship with other social sciences.
		CO2	The students can get acquisition of knowledge that goes beyond mere memorization of facts.
		CO3	The students can assess the different group processes and leadership patterns.
		CO4	The students can explain various social processes that affect the individual attitude.
		CO5	The students can understand the types and causes of aggression and prejudice.
		CO6	The students can claim knowledge of attitudes, public opinion and propaganda.

I YEAR - II SEMESTER			
AS22A	**Principles of Sociology – II**	**CO1**	The students can understand the basic concepts in sociology.
		CO2	The students can summarize the fundamental theoretical interrelations and interactions in society.
		CO3	The students will be able to define interrelationships between Culture, Social change, Socialization, Stratification, Social processes, Institutions and Social control.
		CO4	The students can summarize the diverse social stratifications that function in society.
		CO5	The students acquire knowledge of social change and its factors.
AS22B	**Social Pathology**	**CO1**	The students can understand the set of phenomena of social pathology.
		CO2	The students will learn about prophylaxis and treatment of pathological social phenomena.
		CO3	The students can elaborate on the poverty-alleviation strategies in India.
		CO4	The students will explain the concept and consequences of terrorism.
		CO5	The students will explain penology and rehabilitative measures for crime and delinquency.
AS32A	**Social Anthropology**	**CO1**	The students can identify the cultural attributes and types of cultures.
		CO2	The students can differentiate primary and secondary institutions in society.
		CO3	The students can describe how evolutionary and historical processes have shaped primates and human ancestors.
		CO4	The students can discuss human diversity and how knowledge about human diversity leads to a better understanding.
		CO5	The students can acquire knowledge of the political organization of a primitive society.
II YEAR - III SEMESTER			

AS23A	**Social Thinkers-I**	**CO1**	The students can explain the origin and development of western sociology and the contribution of classical social thinkers.
		CO2	The students will be able of sociological perspectives to explain social problems and issues.
		CO3	The students will be able to make theoretically informed recommendations to address current social problems and issues.
		CO4	The students will be able to demonstrate the ability to interpret, locate, evaluate, generate, and use sociologically relevant data to test hypotheses and draw evidence-based conclusions.
		CO5	The students will elaborate the theory of Verstehen, types of authority, protestant ethics and class, status and power.
AS23B	**Social Movements in India**	**CO1**	The students will identify the different theoretical orientations to learn about the social movements in India.
		CO2	The students can evaluate the impact of the religious reform movement in Indian society.
		CO3	The students will be able to recognize the various backward class movements and their effects on a deprived section of society.
		CO4	The students can be aware of social issues as the root cause of various social movements.
		CO5	The students will elaborate about the Dalit movement, Women's movement and new social movements.
AS33A	**Organizational Behavior**	**CO1**	The students will describe the general history of management theory and practice.
		CO2	The students can frame how organizational behavior has developed from these into a discreet field, the history of social progress in the workplace.
		CO3	The students will learn how an individual personality and behavior impacts the typical contemporary work experience, the history, context and utility of the distinction between leadership and management.

		CO4	The students will analyse the leadership styles, team building and group decision-making process.
		CO5	The students will understand the various types of organizational communication.
II YEAR – IV SEMESTER			
AS24A	**Social Thinkers-II**	**CO1**	The students can explain the origin and development of western sociology and the contribution of classical social thinkers.
		CO2	The students will be aware of sociological perspectives to explain social problems and issues.
		CO3	The students will be able to make theoretically informed recommendations to address current social problems and demonstrate the utility of the sociological perspective for their lives.
		CO4	The students will be able to demonstrate the ability to interpret, locate, evaluate, generate and use sociologically relevant data to test hypotheses and draw evidence based conclusions.
		CO5	The students will elaborate the theory of verstehen, types of authority, protestantic ethics and class, status and power.
AS24B	**Research Methodology and Statistics**	**CO1**	Students will attempt to sensitize a critical outlook on the existing perspectives.
		CO2	The students will learn the methods and to evolve conceptual clarity, which can lead them in their future research.
		CO3	The students will learn the methods to collect and analyse the data and know to organize and analyse the gathered information.
		CO4	Student will learn to write a research proposal and reports.
		CO5	Student will understand the skills about Collecting Data, Writing Bibliography and Analysing Data.
AS34A	**Population Studies**	**CO1**	The students will be able to discuss the formation of nature, scope and importance of social demography.
		CO2	The students will evaluate the features of the census, vital registration, sample surveys.

		CO3	The students will analyse the malthusian theory, biological theories and theory of demographic transition.
		CO4	The students will explain population structure, fertility, mortality and migration.
		CO5	The students will appraise the policies influencing fertility and family planning in India.
III YEAR – V SEMESTER			
	Rural Sociology	**CO1**	The course enables the students to understand the rural context in various aspects.
		CO2	The students can understand the agrarian structure and changes that took place in the form of land reforms.
		CO3	The students can review the causes of peasant movements and their impacts on agrarian society in India.
		CO4	The students can evaluate the organized effect of peasants in India on agrarian development and progress.
		CO5	Students can understand the various rural development schemes.
	Urban Sociology	**CO1**	The students can be aware of the recent developments in urban studies.
		CO2	The students will learn various governmental urban programmes for the development of the urban society.
		CO3	Students will be able to distinguish Micro and Macro theoretical contributions in Sociology.
		CO4	The students will get geographical knowledge and demographical terms will be inevitable gain and the same will be used for application methods during practical analysis.
		CO5	The students will learn about various slums environmental problems.
	Industrial Sociology	**CO1**	The students can describe the nature and scope of Industrial Sociology.
		CO2	The students will explain the growth of Industrialization, Industrial Revolution and its impact on society.

		CO3	The students can understand the changing structure of modern industrial enterprises and principles of organization.
		CO4	The students will describe Trade Union, Workers Participation in Management and Collective Bargaining.
		CO5	The students can understand the types, causes and methods of industrial conflict.
	Sociology of Development	**CO1**	This course **e**xplains the conceptual perspectives on social development.
		CO2	The course describes the Theories of Development and identifies the paths of development.
		CO3	The course describes the interrelationship between social structures, and development.
		CO4	The students will understand the comparative analysis of sociological thinkers related to development.
		CO5	The course also describes the structural adjustment in India.
	Gender Studies	**CO1**	The students will identify the difference between sex and gender.
		CO2	The students will be able to understand the different perspectives on gender in society.
		CO3	The students critically assess the role of Women in the Freedom Struggle.
		CO4	The students will analyse various domestic problems and sexual harassment faced by women.
		CO5	The students will identify the problems faced by transgender in India.
III YEAR – VI SEMESTER			
	Human Resource	**CO1**	The students will contribute to the development, implementation, and evaluation of employee recruitment, selection, and retention plans and processes.
		CO2	The students will administer and contribute to the design and evaluation of the performance management program.

	Management	**CO3**	The students will develop, implement, and evaluate employee orientation, training, and development programs.
		CO4	The students can facilitate and support effective employee and labour relations in both non-union and union environments.
		CO5	The students will understand various assessments of training needs.
	Social Gerontology	**CO1**	The students will be able to distinguish the terms Gerontology and Geriatrics.
		CO2	The students will be trained to apply the theories of ageing as a problem solving technique.
		CO3	The students can interpret the psychological, economical, physical and social problems of elderly people.
		CO4	The students can critically assess the problems of aged women in our society.
		CO5	The students can interpret policies and legislation in India.
	Sociology of Media	**CO1**	The students can demonstrate a basic understanding of media technologies, media forms and media institutions.
		CO2	The students can get a basic knowledge of key theoretical approaches to the media and culture.
		CO3	The students are enabled to understand the problems linked with the media and society.
		CO4	The students can evaluate the effects of mass media on modernism and globalization.
		CO5	The students can critically assess Concerns over Underrepresentation of the North East in the media.
	Sociology of Religion	**CO1**	The students can identify the common organizational problems faced by religious movements.
		CO2	The students can understand the relationships between religion, family, politics, the economy and education.
		CO3	The students can understand the evolution and importance of religious groups.
		CO4	The students can assess social change through religious change.

		CO5	The students can understand the relationship and impact of social change and religious change.
	Corporate Social Responsibility	**CO1**	The students will learn the relevance of stakeholder theory and the role and importance of CSR in 21st Century organizations.
		CO2	The students will understand the changing role and expectations of business in society.
		CO3	The students will learn about the extent to which business can meet the challenges of sustainable development.
		CO4	The students will learn how CSR is being practiced in various organizations.
		CO5	The students will gain knowledge of the strategic significance of CSR for business, the role and importance of non-financial reporting.