



B.L.D.E ASSOCIATION'S

**SMT.BANGARAMMA SAJJAN ARTS, COMMERCE AND SCIENCE
COLLEGE FOR WOMEN, VIJAYAPURA.**

Academic Year 2022-23

BACHELOR OF ARTS

After completing B.A.programme, students will be able to:

1. Acquire knowledge in the field of social sciences, literature and humanities which make them sensitive and sensible enough.
2. Will be acquainted with the social, economical, historical, geographical, ideological and philosophical tradition and thinking.
3. The program also empowers the graduates to appear for various competitive examinations or choose the post graduate programme of their choice.
4. The B.A. program enables the students to acquire the knowledge with human values framing the base to deal with various problems in life with courage and humanity.
5. Will be ignited enough to think and act over for the solution of various issues prevailed in the human life to make this world better than ever.
6. Programme provides the base to be the responsible citizen.
7. To develop among them an insight into the structure of the English language and to provide knowledge of the rules of grammar.

BACHELOR OF ARTS	
SUBJECT: BASIC KANNADA	
Programme Outcome	Programme Specific Outcome (PSOs)
PO1 - Acquiring Knowledge of Fundamental Concepts PO2 - Enabling learning through experimental Method PO3 - Inculcating of human Values PO4 - Providing Students ability to critically think in an academic environment for job & Competitive examination	PSO1 – Acquiring Fundamental Knowledge of Kannada Language PSO2 – Appreciate, interpret and critically evaluate the representative literary and Cultural text PSO3 – Learning through Experimental Method PSO4 – Acquiring reading and Writing Skill PSO5 – Imbibing Literacy research attitude PSO6 – Develop Communicative Skill PSO7 – Enhancement of technology skills PSO8 – To learn about gender , environment and other contemporary issues. PSO9 – To familiarizing with key concepts of linguistic and study latest trends in language PSO10 – Building the critical temper
Course Outcome(CO)	
B.A I	CO1 - To learn about the Status of Woman in Society CO2 - Understanding the Ancient ,middle age and Modern poetry CO3 - To learn about Philosophical Articles CO4 -Building Critical temper CO5 - Understanding Human values.

B.A II	<p>CO1-To know about the Drama CO2- To learn about the moral stories CO3- Understanding the folk literature CO4 -Understanding the Human values CO5- To discuss about the novels</p>
B.A III	<p>CO1- learning of middle age Kannada literature CO2- To know about the Badami inscriptions CO3-Understanding the Moharam padagalu and Tatwa padagalu CO4 –To learn about the translation works CO5- Understanding the ancient poetry in Kannada literature</p>
B.A IV	<p>CO1- Enhancement of technology skills CO2- To learn about the Social networking sites CO3- Use of Kannada on social networking site CO4 –Understanding the ancient Medieval and modern poetry in Kannada literature</p>
B.A V	<p>CO1- Understanding the globalization in Kannada literature CO2- To learn about handicrafts and performing arts CO3- Understanding Human values CO4 –To learn about the Translation works CO5- Building the critical temper</p>
B.A VI	<p>CO1- to know about the life of environmentalists CO2- to learn about autobiography of Kannada poets CO3- Understanding folk literature CO4 – To learn about the one act play and drama CO5- Building the critical temper</p>
Course Outcome(CO) Optional Kannada	
B.A 1st sem	<p>CO1- The mood of innocent and innocent girls is told in the New Kannada Poetry. CO2- The short story is told about a woman's helplessness and her temper. CO3- The status of the dalit and the poor is expressed in the novel. CO4 – To Know the history of literature CO5- To know about the history of women's literature</p>
B.A II	<p>CO1 - Poetry on Surreal and Rebellious Literature. CO2- Storylines about an anomaly. CO3- From the autobiography, it is important to understand that women and dalits are two faces of the same coin. CO4 – To Know the nature and features of Surreal and Rebellious literature. CO5- To Learn about Kannada literary history and contemporary women's literary history.</p>
B.A III	<p>CO1- learning of middle age Kannada literature CO2- Developing Kannada vachana literature CO3- priority of women in Kannada literature CO4 – Understanding Kannada literature different</p>

	forms. eg :drama, one act play,ragale ,Shatpadi CO5- understanding the ancient poetry in Kannada literature
B.A IV	CO1- To Know of ancient inscriptions CO2- Article Excerpts on Halagannadda Literary Documents and Statutory. CO3- To learn about origin and evolution of Champu literature CO4- Women's Views of Ancient Literature CO5- To know about origin, evolution, history, importance, and basic principles of Chandas
B.A V Paper-1	CO1- To learn about Kannada Grammar and Linguistics CO2- A brief introduction to the different types of grammar and understanding of vowels, consonants, and methods of their classification CO3- On grammatical heritage and classical language. CO4- Knowledge of Language Definition, Branches and Classification CO5- On learning, presenting and challenges of Kannada language
B.A V Paper-2	CO1- Translation and Commentary Literature. CO2- To learn about Philosophical essay sections on translation literature CO3- To learn about Translated story and autobiography CO4- To learn about Translated Poems CO5- To learn about Ideological literature and philosophical essay
B.A VI Paper-1	CO1- To learn about the meaning and types of alankargalu CO2- The nature and features of poetry CO3- To learn Western Review CO4- to know about Dalit and Women's Poetry. CO5- The position of Alankaragalu and types of Alankaragalu in poetry.
B.A VI Paper-2	CO1- to know about Research, cultural studies and folklore. CO2- To learn about Article Excerpts on Research. CO3- to know about Research articles on cultural studies and folklore. CO4- To learn about folk and folklore literature CO5- to learn about Folk ballads and folk stories

SUBJECT: HINDI

Programme Outcome	Programme Specific Outcome (PSOs)
PO1 - Acquiring Knowledge of Fundamental Concepts PO2 - Enabling learning through experimental Method PO3 - Inculcating of human Values PO4 - Providing Students ability to critically think in an academic environment, for job, for Competitive examination	PSO1 – Acquiring Fundamental Knowledge of Hindi Language PSO2 – Appreciate, interpret and critically evaluate the representative literary and Cultural text PSO3 – Learning through Experimental Method PSO4 – Acquiring reading and Writing Skill PSO5 – Imbibing Literacy research attitude PSO6 – Develop Communicative and technology skill PSO7 – To familiarize about Journalism in Hindi PSO8 – To learn about gender, environment and other contemporary issues. PSO9 – To familiarizing with key concepts of linguistic and study latest trends in language PSO10 – Preparing students for translation work.
Course Outcome(CO) BASIC HINDI	
BA I	CO1 -To learn about the status of women in society CO2 -To learn about philosophical articles CO3 -Understanding human values CO5 -To Study Hindi literature modern era writer
BA II	CO1 - Discussion on women’s discourse CO2 - Modern Hindi Poetry. CO3 - Discussion on the novel CO4 - Understanding human values
BA III	CO1 -To learn about the one act play and drama CO2 - Making awareness of Hindi knowledge to the society CO3 - Understanding the basic concept and subject of Hindi and its origins CO4 - To understanding the contribution of different authors to Hindi literature CO5 - To spread the knowledge of the national language among others
BA IV	CO1 - To learn Medieval Hindi Poetry CO2 - To understand Biography of Saint Basaveshwar CO3 - To learn Types of Journalism CO4 - Understanding human values
BA V	CO1 - To Learn Novel Sara Akash CO2 - To Learn Shreshth Lalit nibandh CO3 - To learn about the translation words
BA VI	CO1 - To learn about Modern Hindi Story. CO2 - Understanding Modern Hindi Lonely. CO3 - Essay Prose Literature CO4 - To learn about folk literature

Course Outcome(CO) OPTIONAL HINDI	
BA I	<p>CO1- History of the prose Literature in Modern Period .</p> <p>CO2- Understanding the origin of Hindi language and its literature.</p> <p>CO3- To Understanding on novel literature.</p> <p>CO4- Understanding the history of development of Hindi drama, short stories and novels</p>
BA II	<p>CO1- To learn about the feature of Adhunik kaal, in context of socio - cultural condition of that period.</p> <p>CO2- To understand Modern Period in Hindi poetry</p> <p>CO3- To learn Modern Prose Literature</p> <p>CO4- Understanding human values</p>
BA III	<p>CO1- To learn Criticism Biography, Autobiography report learning, Travelogue</p> <p>CO2- To learn about linguistics</p> <p>CO3- To understanding Memoirs prose literature</p> <p>CO4- Analyses human values</p>
BA IV	<p>CO1- To able to understand by Ritikalin Sahitya Ka Itihas</p> <p>CO2- To learn about Ritikalin Kavya Ki Visheshta</p> <p>CO3- To Understanding Ritikalin poetry</p> <p>CO4- To learn about Ritikalin Poetry collection</p>
BA V Paper 1	<p>CO1- To understand the origin of Hindi language and its literature</p> <p>CO2- Identifying the dialects of Hindi language family</p> <p>CO3- To learn the concept of history of literature</p> <p>CO4- To analyzing the development of khadi boli Hindi</p> <p>CO5- Learning origin and development of Devanagari Script</p>
BA V paper 2	<p>CO1-To understanding the reason of emergence of adhunik Kal in Hindi literature</p> <p>CO2-To study history of poetry in Hindi literature</p> <p>CO3-To learn development of prose in Hindi literature</p> <p>CO4-To learn history of feministic literature</p>
BA VI Paper 1	<p>CO1- Poetic Saffron study of poets like- Kabir,Surdas, Meerabai,Rahim, Biharilal</p> <p>CO2- To study linguistics (Bhasha vighyan) -its terminology, Structure and type</p> <p>CO3- To study the relationship between linguistics and language</p>
BA VI Paper 2	<p>CO1- Journalism in Hindi to study the history of world journalism to study the origin and development of Hindi journalism the role of journalism in society and politics</p> <p>CO2- To understand chhand and alankar (stanza and figure of speech) it's meaning and types varnik chhand matrik chhand etc Alankar definition and type such as shabd alankar artha lankar and drishtant alankar</p>

SUBJECT: SANSKRIT

Programme Outcome	Programme Specific Outcome (PSOs)
<p>PO1 -Acquiring Knowledge of Fundamental Concepts</p> <p>PO2 - Enabling learning through experimental Method</p> <p>PO3 - Inculcating of human Values</p> <p>PO4 - Providing Students ability to critically think in an academic environment, for job for Competitive examination</p>	<p>PSO1 – Acquiring Fundamental Knowledge of Sanskrit Language.</p> <p>PSO2 – Research skills : Students will be able to identify topics and formulate questions for productive inquiry.</p> <p>PSO3 – One step Towards Spiritual upliftment: We need to keep in mind that it has a perfect grammar and nicely built structure.</p> <p>PSO4 – students will be able to Write Devanagari Scripts.</p> <p>PSO5 – culture and History: Students will gain knowledge of the major traditions of literatures written in Sanskrit.</p> <p>PSO6 – Development of Communicative Skill.</p> <p>PSO7 – The students will be ignited enough to think and act over for the solution of various issues prevailed in the human life to make the world better than ever.</p> <p>PSO8 – The students acquire knowledge in the field of social, literature, humanities which make them sensitive and sensible enough.</p> <p>PSO9 – Appreciate interpret and critically evaluate the representative literary and cultural text.</p> <p>PSO10 –.. The B.A .program enables the students to acquire the knowledge with human values forming the base to deal with various problems in life with courage and humanity.</p>
Course Outcome(CO)	
BA I	<p>CO1- To learn about the Status of Woman in Society</p> <p>CO2- To learn about the Moral values</p> <p>CO3- To learn about Philosophical principles of assessing it.</p> <p>CO4 – To know grammar.</p> <p>CO5- Understanding Human values</p>
BA II	<p>CO1- To know about the Drama</p> <p>CO2- To learn about the moral stories</p> <p>CO3- To know about Sanskrit prose and kavya</p> <p>CO4 – Understanding the Human values CO5- To discuss about the pics.</p>
BA III	<p>CO1- Learning of Ancient Sanskrit literature</p> <p>CO-2 _Learn about classical grammar . CO3- understanding the texts about Dharma shastra.</p> <p>CO4 – To learn about the Translation works</p> <p>CO5- Analyze poetic works for their structure and meaning</p>

<p style="text-align: center;">BA IV</p>	<p>CO1- – Identify and describe distinct literary characteristics of poetic forms. CO2- To learn about general grammar. CO3- To know the epics and its philosophical importance. CO4 – understanding the ancient poetry in Sanskrit literature</p>
<p style="text-align: center;">BA V</p>	<p>CO1- understanding the genres of fiction ,poetry ,and drama by writers from various cultures and historical era In Sanskrit literature CO2- To students know about what is the role of woman in the Sanskrit literature CO3- Understanding Human values CO4 – To learn about the Translation works CO5- Identify and describe distinct characteristics of epics .</p>
<p style="text-align: center;">BA VI</p>	<p>CO1- To learn taxes maintain protect and moral values of the epic of Mahabharata activities increase kings life. CO2- To learn about autobiography of Sanskrit poets CO3- Understanding champu literature CO4 –To learn many notable works of criticism about the nature of literature and the principles of assessing it. CO5-The students would know about translation and explanation of the shlokas</p>

SUBJECT: ENGLISH	
Programme Outcome	Programme Specific Outcome (PSOs)
<p>PO1- Acquiring knowledge of fundamental concepts.</p> <p>PO2- Enabling learning through experimental methods.</p> <p>PO3- Including human values.</p> <p>PO4- Enabling the students to think critically to an academic environment and prepare them for job, competitive examination and research culture.</p>	<p>PSO1- Acquiring of fundamental knowledge of English language and literature.</p> <p>PSO2- Appreciate, interpret and critically evaluate the representative literary and cultural texts.</p> <p>PSO3- Learning through experimental method.</p> <p>PSO4- Acquiring reading and writing skills.</p> <p>PSO5- Imbibing literary research attitude.</p> <p>PSO6- Develop Communication Skills.</p> <p>PSO7- Enhancement of technology skills to avail job opportunities in translation and media.</p> <p>PSO8- To familiarize with key concepts of linguistics and study latest trends in language.</p> <p>PSO9- To enable learning the thematic concerns, genres and trends of Indian writing in English.</p> <p>PSO10- To learn about gender, environment and other contemporary issues of modern society.</p>
Course Outcome(CO)	
BASIC ENGLISH	
BA I	<p>CO1- To familiarize students with gender and discrimination.</p> <p>CO2- To acquire a better understanding of Indian culture and Mass Media.</p> <p>CO3- To familiarize students with issues such as environment in Indian Society.</p> <p>CO4- To understand the role of sports and entertainment in Indian Society.</p>
BA II	<p>CO1- Understanding Art, Society and the role of modern women artists.</p> <p>CO2- Understanding Indian tradition and reforms.</p> <p>CO3- Learning about Indian language and professional English.</p> <p>CO4- Learning the life stories of important Indian Women.</p>
BA III	<p>CO1- Learning composition through literature such as letter writing.</p> <p>CO2- Understanding the genre of travelogues.</p> <p>CO3- To acquire writing skills through paragraph writing.</p> <p>CO4- To enable the learning of marketing and gain knowledge of advertising products.</p>
BA IV	<p>CO1- Learning about letter writing.</p> <p>CO2- Learning the concepts of summarizing.</p> <p>CO3- Familiarizing students about essay writing.</p> <p>CO4- Learning about e-mail writing.</p>
BA IV	<p>CO1- To learn about intonation, stress and transcription of words.</p> <p>CO2- To familiarize the students about different types of</p>

(Communicative English)	<p>transformation of sentences.</p> <p>CO3- To learn about formal letter and how to write it.</p> <p>CO4- To enable them to understand unseen passage.</p> <p>CO5- To learn how to construct dialogues and face interview.</p>
BA V	<p>CO1- To learn about the influence of Ibsen’s work and A Doll’s House in particular, on Western drama both thematically and structurally</p> <p>CO2- To learn about the role of gender in marriage and society</p> <p>CO3- To learn and identify symbol, metaphors and allegories in A Doll’s House</p> <p>CO4- To learn about Women Empowerment in A Doll’s House</p> <p>CO5- To learn about place of woman in society and how she comes out of the house to learn the ways of the society</p>
BA VI	<p>CO1- To learn about stories are true to life, lively and filled with intense emotions</p> <p>CO2- To learn about realistic and heart touching elements in stories of Sudha Murthy</p> <p>CO3- To learn about Sudha Murthy’s hospitality, childhood, on donations and charity.</p> <p>CO4- To learn about emotions, humanity and how to become good human beings.</p>
OPTIONAL ENGLISH	
BA I	<p>CO1- Enabling the learning of fundamental concepts in literature.</p> <p>CO2- To learn about the genre of poetry and its technicalities.</p> <p>CO3- To analyze, interpret and critically evaluate poems penned by poets over the world.</p> <p>CO4- Understanding the genre of drama.</p> <p>CO5- To analyze and interpret the representative text in the genre of drama.</p>
BA II	<p>CO1- Learning about Tales.</p> <p>CO2- Understanding Fiction.</p> <p>CO3- Analyzing and interpreting representative texts.</p> <p>CO4- Learning the forms and varieties of non-fictional prose.</p>
BA III	<p>CO1- To acquire an understanding of historical and literacy background of the early and middle English period in English literature.</p> <p>CO2- To analyze, interpret, understand the literary texts of the renaissance period.</p> <p>CO3- Through the study of representative text learning about the Puritan Age.</p> <p>CO4- To get a better understanding of different genres of the Neo-Classical period.</p>

	<p>CO5- To understand literary, social, cultural, historical background of representative text of the Augustan Age.</p>
<p>BA IV</p>	<p>CO1- To understand the social, cultural, historical background of the romantic period and analyzing and interpreting representative texts.</p> <p>CO2- To understand the historical, cultural, social background of the Victorian period and analyze, critically evaluate the representative text.</p> <p>CO3- To familiarize the students with the historical, social and cultural background of modern period and learn to interpret, analyze the representative texts.</p> <p>CO4- To learn about the Post Modernism and its representative texts.</p>
<p>BA V Paper 1</p>	<p>CO1- To learn about the history of British literature from the beginning to the close of the 20th century along with illustrate you texts</p> <p>CO2- To learn about the history of English right from Anglo Saxon times looks at how English has tried changed and become a global language.</p> <p>CO3- To learn about various aspects of language lexical syntactical and semantic.</p> <p>CO-4 To acquire knowledge about major literary forms as well as issues and debates concerning the concept of literature and literary study.</p>
<p>BA V Paper II</p>	<p>CO1- To Understand about the history and an anthology of Indian English literature.</p> <p>CO2- To learn about various aspects of language lexical syntactical and semantic.</p> <p>CO3- To acquire knowledge about major literary forms as well as issues and debates concerning the concept of literature and literary study.</p> <p>CO-4 To acquire knowledge about major literary forms as well as issues and debates concerning the concept of literature and literary study.</p>
<p>BA VI Paper I</p>	<p>CO1- To Understand about basic concepts and approaches theories and 'isms' in the literary criticism</p> <p>CO2- To acquire knowledge about major literary forms as well as issues and debates concerning the concept of literature and literary study..</p> <p>CO3- To learn about various aspects of language lexical syntactical and semantic</p>
<p>BA VI Paper II</p>	<p>CO1- To understand a glimpse of the rich and diverse literary traditions of India from the classical past to the present with the samples to illustrate the cultural diversity of the nation.</p> <p>CO2- To learn about English literature in Indian English literature in being a history as well as an anthology.</p> <p>CO3- To acquire knowledge about major literary forms as well as issues and debates concerning the concept of</p>

	<p>literature and literary study.</p> <p>CO4- To learn about various aspects of language lexical syntactical and semantic.</p>
SUBJECT: POLITICAL SCIENCE	
Programme Outcome	Programme Specific Outcome (PSOs)
<p>PO1-Acquiring Knowledge of Fundamental Concepts.</p> <p>PO2- Enability learning through experimental Method.</p> <p>PO3- Inculcating of human Values.</p> <p>PO4- Providing Students ability to critically think in an academic environment, for job, for Competitive examination.</p>	<p>PSO 1 - Understanding the nature and developments in national and international politics.</p> <p>PSO2 - Analyzing the Indian constitutional provisions, major legislations and reforms.</p> <p>PSO3- Critical evaluation of social, economic and political variables for a proper understanding of the plurality of Indian society</p> <p>PSO4 - Encouraging a comprehensive, comparative understanding of specific world constitutions such as UK, USA, China, Russia, Switzerland and France.</p> <p>PSO5 - Developing knowledge of administrative studies with special reference to Indian administrative structures and practices.</p> <p>PSO6 - Examining India’s foreign relations with her neighbors and great powers.</p> <p>PSO7 - Use of case study method for analyzing the working of important international and regional organizations like UN, EU, ASEAN etc.</p> <p>PSO8 - Study from competitive examination point of view.</p> <p>PSO9 - Creating appropriate and efficient political leaders.</p> <p>PSO10 - Evolving the research and critical temper.</p>
Course Outcome(CO)	
<p>BA I Basic Concept of Political Science</p>	<p>CO1 - To learn about the basic concepts and analyze the differences between state and society, nation, Association.</p> <p>CO2 - Assessing the theories of State (Origin, Nature, Functions): Contract, Devine, Historical and Revolutionary Theories.</p> <p>CO 3- Explaining the Concept of State Sovereignty: Monistic and Pluralistic Theories. Analyzing the changing concept of Sovereignty in the context of Globalization.</p> <p>CO4- Understanding basic concepts of Liberty, Equality, Rights, Law and Justice.</p> <p>CO5-Basic concept, kinds and essential conditions for the successful working of Democracy.</p>

<p style="text-align: center;">BA II Western and Indian Political Thought</p>	<p>CO1- Providing an insight into the dominant features of Ancient Western Political Thought: Ancient Greek political thought with focus on Aristotle and Plato; Roman Political Thought: its contributions with special emphasis on the emergence of Roman law. CO2-Examining the features of Medieval Political Thought. CO3-Evaluating the Renaissance; political thought of Reformation; and Machiavelli. CO4-Tracing the evolution of Indian political thought from ancient India to modern India. CO5-Analysing the Gandhian Movements such as Truth, Non-Violence, Satyagraha and describing the movements against caste and untouchability, Ambedkar's views on Social Justice and the depressed classes, Socialism and views on Women.</p>
<p style="text-align: center;">BA III Sem: Political Process and institutions in India Part-I</p>	<p>CO1-To learn about the Parliamentary form of Government in India comparatively. CO2- Understanding the Unitary and Federal character of Indian Parliamentary System. CO3-Knowing about the problems and challenges in Indian Party politics and Disease of Defection for Power. CO4-To know and analyze the process of Election in India. CO5-To develop the character of critical analyses about the Coalition system, Pre poll Alliances and post poll Alliances.</p>
<p style="text-align: center;">BA IV Sem: Political Process and institutions in India Part-II</p>	<p>CO1-To learn about the various types of relations between the Centre and State. CO2-Understanding the working of Constitutional/Statutory bodies UPSC, SPSC, NHRC NCW . CO3-Knowing about the Panchayat Raj system and institutions in India. CO4-To know and analyse the challenges or hindrances of Indian Democracy. CO5-To develop the character of analyses about the Women related issues and justify Reservation Policy for women.</p>
<p style="text-align: center;">BA V Sem: P-1 Public Administration (Compulsory)</p>	<p>CO1-Explaining the nature, scope and evolution of Public Administration; Private and Public Administration. CO2-Discussing the Principles of Organization, Line, Staff and Auxiliary and comparative study of Centralization v/s De-Centralization. CO3-Analyzing the major Concept of task of Management and the Administrative Processes: decision making; communication and control; leadership; co-ordination.</p>

	<p>CO4-Analyzing the Personnel Administration and its concepts.</p> <p>CO5-Analyses of Control over Administration.</p>
<p>BA V Sem: P-2 INTERNATIONAL RELATIONS (Optional)</p>	<p>CO1-Explaining scope and subject matter of International Relations as an autonomous academic discipline.</p> <p>CO2-Approaches and methods to study the discipline through Elements of National Power.</p> <p>CO3-Examining the issues of Underdevelopment, Terrorism, Regionalism and Integration that characterizes the Post second world war order.</p> <p>CO4-Studying the role of Diplomacy, Propaganda and Military capabilities in the making of foreign policy.</p> <p>CO5-Explaining Reasons of War and Approaches to Peaceful settlement in world order</p>
<p>BA V Sem: P-2 Modern Government (Optional)</p>	<p>CO1-Tracing the evolution of Comparative Politics as a discipline and drawing a distinction between Comparative Politics and Comparative Government.</p> <p>CO2-Critically analyzing the features of a liberal democratic and socialist political system with focus on UK, USA and the People's Republic of China.</p> <p>CO3-Discussing the features of a federal system with special reference to USA and Russia.</p> <p>CO4-Conducting an intensive comparative study of the Executive (UK, USA, France and Russia); Legislature (UK, USA and the PRC); the Judiciary (UK, USA and PRC).</p> <p>CO5-Critically looking at the rights of the citizens of UK, USA and PRC from a comparative perspective.</p>
<p>BA VI Sem: P-1 Indian Administration (Compulsory)</p>	<p>CO1-To enhance the knowledge of Evolution and features of Indian Administration.</p> <p>CO2 -To know the composition of central secretariat and the importance of RTI Act-2005.</p> <p>CO3-To know about the Public Services, All India, Central, State Services.</p> <p>CO4-Assessing the relationship between the Citizen and Administration: Lokpal and Lokayukt.</p> <p>CO5- To learn the significance of NITI Ayoga and NDC etc</p>
<p>BA VI Sem: P-2 International Organisation (Optional)</p>	<p>CO1 -To know about Universal Law, UDHR and ICJ.</p> <p>CO2-To learn about the League of Nations, its purpose, achievements and failure.</p> <p>CO3-Get to know about the UNO, objectives, organs, achievements and shortcomings of UNO.</p> <p>CO4- To discover the various Regional Organisations formed for the overall development of member countries.</p> <p>CO5- To analyse the movements of NAM and trends in contemporary world.</p>

<p align="center">BA VI Sem: P-2 Modern Government (Optional)</p>	<p>CO1 -Building the analytical structure of comparative governments.</p> <p>CO2-Understanding the three organs of USA government.</p> <p>CO3- To find out the role of party system and pressure group in USA.</p> <p>CO4-Creating comparative study between the constitution of India and Japan.</p> <p>CO5-Comparative and analytical study of governmental organs of India and Japan</p>
SUBJECT: HISTORY	
Programme Outcome	Programme Specific Outcome (PSOs)
<p>PO1-Acquiring Knowledge of Fundamentals Concepts.</p> <p>PO2-Enability Learning through experimental Method.</p> <p>PO3-Inculcating of human Values.</p> <p>PO 4-Providing Students ability to critically think in an an academic environment, for job, for competitive examination.</p>	<p>PSO1-Understand background of our, religion, customs institutions, administration.</p> <p>PSO2-Understand the present existing social, political, religious and economic conditions of the people of our country.</p> <p>PSO3-Analyse Relationship between the past and the present as in the history.</p> <p>PSO4-Develop practical skills helpful in the study and understanding of Historical events such as drawn Historical maps, charts, diagrams, models etc.</p> <p>PSO5-Analyse and interpret the historical documents such as participate in historical Drama, visit to historical places and museum etc.</p> <p>PSO6-History helps to develop morale education and religious toleration.</p> <p>PSO7-Study of history is still the feeling of Patriotism and makes them good citizens.</p> <p>PSO8-History infuses noble ideas and internationalism.</p> <p>PSO9-History is a link between the past and present.</p> <p>PSO10-Study of history helps to Professional uses and promote the social consciousness.</p>
Course Outcome(CO)	
BA I	<p>CO1-Acquire Knowledge about the early civilization.</p> <p>CO2-Identify the Vedic culture and classification of Buddhism and Jainism.</p> <p>CO3-Understanding the rise of empire and learn about concepts of Ashok.</p> <p>CO4-To Know and analyze the development of Tourism.</p> <p>CO5-Identifying early Indian maps.</p> <p>CO6-To learn important historical sites.</p> <p>CO7-Understanding meaning and types of tourism.</p>
BA II	<p>CO1-Assessing the new developments like science, literature, Art and Architecture and golden era of Gupta period.</p> <p>CO2-Learning the polity, society and Administration the Ancient India.</p> <p>CO3-Knowing about the foreign invasions.</p>

	<p>C04-To learn about the conversation and protection of Indian monuments.</p> <p>C05-To learn basic infrastructure of tourism.</p> <p>C06-Identifying the Tourists places in Indian map.</p>
BA III	<p>C01-Understanding the experiments and reforms of Delhi Sultanates.</p> <p>C02-To learn about the Bahamani Kingdom</p> <p>C03-Highlight about the administration and culture of Vijayanagar empire.</p> <p>C04-Studying the role of ITDC and Travel agencies.</p> <p>C05-Trace the ITDC centre in India.</p>
BA IV	<p>C01-Understanding Administrative process and Achievement.</p> <p>C02-Assessing the religion, Art and Architecture.</p> <p>C03-Expalin the Synthesis of Bhakti Sufi movement.</p> <p>C04-Critically looking at the signification and impact of tourism.</p> <p>C05-Identify Important centers under Empire of Akbar</p> <p>C06- Understanding impact of tourism.</p>
BA V Paper 1	<p>C01-Evaluate consolidation of English power in India.</p> <p>C02-Understanding the Extension of British Empire.</p> <p>C03-Analyses the Social and educational consciousness in India.</p> <p>C04-To learn about Conquests and reforms.</p> <p>C05-Mark the British empire under Dal Housie.</p>
BA V Paper 2	<p>C01-Understanding the Human Rights by French Revolution.</p> <p>C02-Acquire knowledge about the Metternich era.</p> <p>C03-To know about Republic and empire under Napoleon III.</p> <p>C04-To learn significance of unification.</p> <p>C05-Trace the territories conquered by Napoleon-I on the Map.</p>
BA VI Paper 1	<p>C01-Learn about Revolt of 1857.</p> <p>C02-Analyse socio-religious consciousness in India.</p> <p>C03-Comparison of nationalist Movement Pre-Gandhian and Post-Gandhian Era.</p> <p>C04-Understaning the Constitutional Developments.</p> <p>C05-Trace the places where 1857 Revolt concurred.</p>
BA VI Paper 2	<p>C01-Explain the internal and External Policies of Bismarck.</p> <p>C02-Explain the Reasons and effects of First world War.</p> <p>C03-Understanding about the Second World War and Achievement of UNO.</p> <p>C04-Knowing about Russian Revolution and rise of Dictatorship.</p> <p>C05-Tracing the Territories Conquered by Hitler.</p>

SUBJECT: SOCIOLOGY

Programme Outcome	Programme Specific Outcome (PSOs)
<p>PO1-The students studying in sociology gets extensive knowledge about social institutions, culture, mores, social thinker's everyday interaction as these shape identity, behaviour, social system and social inequality.</p> <p>PO2-The programme prepares students to develop qualities and quantitative research skills tools of advanced critical thinking and theoretical applications.</p> <p>PO3-The students are not only trained but people them in civic and community engagement in the form of social service.</p>	<p>PSO1-To observe relation between individuals and institutional, cultural, social format.</p> <p>PSO2-To understand the experiences of life which is shaped by social and economic status, ethnically, race, gender, religion, and sub culture.</p> <p>PSO3-To understand basic knowledge of social and gender inequality.</p> <p>PSO4-To understand contemporary social issues and debate on them and make community programme.</p> <p>PSO5-To understand the process of social change in the society.</p> <p>PSO6. To demonstrate and ability to collect analysis and data</p> <p>PSO7-Critical thinking: The program seek to develop in students the sociological Knowledge and skills that will enable them to think critically and imaginatively About society and social issues.</p> <p>PSO8- Sociological Understanding: The ability to demonstrate sociological understanding of phenomena, for example, how individual biographies are shaped by social structures, Social institution, cultural practices, and multiple axes of difference and inequality.</p> <p>PSO9-Written and oral communication: The ability to formulate effective and convincing Written and oral arguments.</p> <p>PSO10-Better understanding of real life situation: The ability to apply sociology concepts and theories to the real world and ultimately their everyday lives.</p> <p>PSO11-Analytical thinking: The field survey and preparation of dissertation paper is an inseparable Part of sociology Hons programme. Students have to collect primary data for census as Well as his/her research topic and analyse the data to draw conclusion. So, qualitative and quantitative analytical skills are enhanced.</p> <p>PSO12-Observation power: A sensible observation power is necessary to identify the research problems in field study. So a perception about human society slowly grows up.</p> <p>PSO13-Communication skills and social interaction power: students of sociology stream have to work beyond the class room boundary at the time of field study activities. As a result good communication skill develops while interacting with local people.</p> <p>PSO14-Ethical and social Responsibility: Students have to learn about institution, folkways, Culture, social control, social inequality, population composition, population policy, Society and cultural of India. All these help to instill among the students of sociology. A sense</p>

	<p>of ethical and social responsibility.</p> <p>PSO15-Professional and Career opportunities: students will have the opportunity to join professional career in sociology and allied fields. Sociology provides an intellectual background for students considering career in business, social services, public policy, government service, nongovernmental organization, foundations, or academia. This programme lays foundation for further study in sociology, social work, Rural Development, social welfare and in other allied subjects.</p>
Course Outcome	
BA I	<p>CO1-To understand sociology and scope and subject-matter of sociology.</p> <p>CO2-Demonstrate how sociology differ from and similar to other social sciences and their areas of interdependence.</p> <p>CO3-To understand characteristics of culture and socialization</p> <p>CO4- To learn meaning and characteristics of social change</p>
BA II	<p>CO1-To understand philosophical bases of Indian society as Varna dharma and Varnashrama's</p> <p>CO2-Understand and analyze Hindu marriage and Muslim marriage and meaning of joint family .</p> <p>CO3-To learn changes in caste and its characteristics.</p> <p>CO4-To familiarize students about Constitutional and welfare measures.</p> <p>CO5-Understand the status of women in ancient medieval and Modern India.</p> <p>CO6-To learn about women empowerment.</p>
BA III	<p>CO1- To understand meaning a, nature and importance of social thought..</p> <p>CO2-Know about August Comte classification of sciences .</p> <p>CO3-Understand and analyze the key concepts of Herbert Spencer theory of evolutionary.</p> <p>CO4-Understand and analyze division of labor and theory of suicide.</p> <p>CO5-To understand about bureaucracy. And characteristics.</p> <p>CO6-To learn about karl Marx determinism and class struggle.</p>
BA IV	<p>CO1-To introduce the students Manu's Dharma, meaning and forms.</p> <p>CO2-To learn about views on marriage and family</p> <p>CO3-To understand about status of women.</p> <p>CO4-Understand the concepts and contributions of Indian social thinkers in the reform of Indian society as</p>

	<p>well as to enhance knowledge about society.</p> <p>CO5-Know the contributions of Indian Sociologists in the development of sociological thought.</p> <p>CO6-To learn about role of Ambedkar in removal of untouchability.</p> <p>CO7-To understand about Gandhiji and his Sarvodaya and Satyagraha.</p>
<p>BA V Paper 1</p>	<p>CO1-To introduce the students to concept and Social disorganization and its forms.</p> <p>CO2-Know about. Corruption in public life.</p> <p>CO3-To understand meaning ,causes of female foeticide.</p> <p>CO4-To understand about dowry.</p> <p>CO5-To learn about violence against women.</p> <p>CO6-To understand role of govt and NGO's in solving problems.</p>
<p>BA V Paper 2</p>	<p>CO1-Introducing the Students to the Urban Life</p> <p>CO2-To Educate the Students about the Urban Problems</p> <p>CO3-Making to understand difference between Rural & Urban Communities</p> <p>CO4-To introduce to Urban Planning</p> <p>CO5-To Make the Students to know the Role of State in the Urbanization</p>
<p>BA VI Paper 1</p>	<p>CO1-To introduce the students to concept and importance of the study of rural development.</p> <p>CO2-Know about. land reforms after independence and green revolution.</p> <p>CO3-To understand meaning ,structure and role of Panchayat raj system .</p> <p>CO4-To understand concept and objective of CDP</p> <p>CO5-To learn about programmes of rural reconstruction.</p>
<p>BA VI Paper 2</p>	<p>CO1-Introducing the Students to Industrial Society</p> <p>CO2-To Introduce the Students to various Types of Industries</p> <p>CO3-To Make the Students to know the Role of Industry in the Development of Nation</p> <p>CO4-To create awareness about the Problems of Industrial Laborers</p>
Education	
Programme Outcome	Programme Specific Outcome (PSOs)
<p>PO1- Acquiring knowledge of fundamental concepts.</p> <p>PO2- Enable learning through experimental method.</p> <p>PO3- Inculcating of human values, National integration and International understanding.</p>	<p>PSO1- Develop a critical understanding of environments and approaches in relation to social justice, social policy and educational diversity.</p> <p>PSO2- Develop and deepen an understanding of the practices of teaching and learning in a range of educational settings.</p> <p>PSO3- Recognize and evaluate the process of human learning and the impact of learning and education in the wider social context.</p>

<p>PO4- Providing students ability to critically think in an academic environment for job, for competitive examination.</p>	<p>PSO4- Cultivate a critical perspective on contemporary education and consider the possible directions of its future development. PSO5- Critically reflect on personal values in relation to education. PSO6- Develop well informed, enquiring, analytical and critical disposition towards educational policy and practice. PSO7- Make links between theory and practice; reflect critically on real life experiences. PSO8- Understand the process of learning, including some of the key paradigms and their impact on educational practices. PSO9- Show familiarity with formal and informal contexts for learning. PSO10- Demonstrate the complex interactions between education and its contexts and relationships with other disciplines and professions</p>
<p>Course Outcome</p>	
<p>BA I Semester</p>	<p>CO1- To gain knowledge of the concept and process of education and realize the philosophical basis of education. CO2- To gather the information about the different aims of education at different ages. CO3- To understand the relationship of education with other sciences. CO4- To understand the contribution of great women thinkers in the field of education</p>
<p>BA II Semester</p>	<p>CO1- To understand the functions of different agencies in educating the child. CO2- To enable the students to know the role of teacher in socializing the child. CO3- Learning about the need and importance of education at present age. CO4- To learn about the constitutional provisions available in India for women education.</p>
<p>BA III Semester</p>	<p>CO1- To learn about concept of psychology and its relation to education. CO2- To understand about learning theories and its educational implications. CO3- To learn about different stages of growth and development. CO4- To understand the concepts of memory and forgetting.</p>

BA IV Semester	<p>CO1- To understand about personality development and factors affecting personality.</p> <p>CO2- Enable the students to learn about individual differences and causes for the same.</p> <p>CO3- To understand the meaning of intelligence and intelligence tests.</p> <p>CO4- To understand about leadership and group dynamics.</p>
BA V Semester P-1	<p>CO1- To understand about teaching technology.</p> <p>CO2- To enable the students understands measurement and evaluation.</p> <p>CO3- To learn about teaching process.</p> <p>CO4- To understand the role of committees in education.</p>
BA V Semester P-2	<p>CO1- To learn about education during pre-independence India.</p> <p>CO2- To gather knowledge about Vedic education in Indian heritages.</p> <p>CO3- To gain knowledge about Buddhist education.</p> <p>CO4- To gain knowledge about Islamic education.</p>
BA V Semester Optional	<p>CO1- To gain knowledge about educational research.</p> <p>CO2- To learn about variables and hypothesis.</p> <p>CO3- To understand about educational statistics.</p> <p>CO4- To gain knowledge about measures of tendencies.</p>
BA VI Semester P-1	<p>CO1- To understand the contribution of Basaveshwar and swami Vivekananda in the field of education.</p> <p>CO2- To understand the contributions of great education thinker Rabindranath Tagore.</p> <p>CO3- To gain knowledge about basic education by Mahatma Gandhi.</p> <p>CO4-To gain knowledge about great education thinkers –Frobel and Montessori.</p>
BA VI Semester P-2	<p>CO1- To gain knowledge about causes and preventive measures of environmental pollution through environmental education.</p> <p>CO2 – To gain knowledge about value education.</p> <p>CO3- To understand the concept of liberalization, privatization and globalization.</p> <p>CO4- To gain knowledge about guidance and counseling.</p>
BA VI Semester Optional	<p>CO1-To gain knowledge about constitutional provisions regarding education.</p> <p>CO2-To understand the universalization of elementary education.</p> <p>CO3- To learn about vocalization of education.</p> <p>CO4- To gain knowledge about distance education and education for women empowerment.</p>

Economics	
Programme Outcome (PO)	Programme Specific Outcome (PSOs)
<p>PO1 - Acquiring knowledge of fundamental concepts.</p> <p>PO2 - Enabling learning through experimental method.</p> <p>PO3 - Inculcating of human values.</p> <p>PO4 - Providing students ability to critically think in an academic environment for job, for competitive examination.</p>	<p>PSO1- Understanding the nature and development in national and international Economies.</p> <p>PSO2- Enable the students to have knowledge of various problems and issues faced by the Indian Economy.</p> <p>PSO3- Familiarizing the students about basic principles of micro-economics and macro economics.</p> <p>PSO4- To provide knowledge regarding International Economics and Theories of International Trade.</p> <p>PSO5- Understand the economic policies including fiscal policy and monetary policy of India.</p> <p>PSO6- Analyze them about the role of different sectors in economic development.</p> <p>PSO7-To provide knowledge about causes and consequences of economic variables including inflation, deflation, poverty, unemployment, GDP and balance of payment.</p> <p>PSO8- To help the student gain knowledge regarding problems and issues of rural and urban India.</p> <p>PSO9- Analyzing and interpreting the economic concepts and principals to the common people.</p> <p>PSO10- Highlight the basic features and characteristic of the economy of the Karnataka State.</p>
Course Outcome(CO)	
<p>BA I Semester Micro Economics – I</p>	<p>CO1- To study the basic concepts of economics and apply them in various functions.</p> <p>CO2- Enable the students to understand the theories of consumer behaviors.</p> <p>CO3- To understand the causes for change in demand and elasticity of demand for different products..</p> <p>CO4- Learning the objectives of sellers and factors governing the supply of commodity.</p> <p>CO5- To study the inter relationship of price and demand of different types of commodities.</p>
<p>BA II Semester Micro Economics – II</p>	<p>CO1- Enable the students to understand various laws of production and benefits of economics of scale.</p> <p>CO2- To study various concepts of cost and revenues.</p> <p>CO3- Understanding price and output determine.</p> <p>CO4- Clarifying how reward is awarded to the factors of production.</p> <p>CO5- To Study various theirs of distribution.</p>

<p style="text-align: center;">BA III Semester Macro Economics</p>	<p>CO1- To study the various concepts of national income and methods of estimating national income.</p> <p>CO2- Clarifying different causes for unemployment by studying employment theories.</p> <p>CO3- To enable the students to learn how income and consumption are related.</p> <p>CO4- Understanding the factors determining investment in the country.</p> <p>CO5- Understanding various phases of trade cycle.</p> <p>CO6- To help the students to appreciate the role of Government in control of economic fluctuation.</p>
<p style="text-align: center;">BA IV Semester Economics of Money & Banking</p>	<p>CO1- Clarifying the meaning of various concepts of money.</p> <p>CO2- Understanding the role of money in modern economy.</p> <p>CO3- To study various theories of value of money.</p> <p>CO4- To educate the students to understand fluctuations in price levels and measurement of same through index numbers.</p> <p>CO5- To create awareness among the students about causes for inflation and deflation and measures to control them.</p> <p>CO6- Understanding the role of commercial Banks in economic development.</p> <p>CO7- To let the students know about methods adopted by the Central Bank to control credits.</p>
<p style="text-align: center;">BA V Semester Paper I Indian Economy</p>	<p>CO1- To familiarize the students to have an over view of the working of an Indian Economy.</p> <p>CO2- Understand the sectoral contributions to national income and trends in the growth.</p> <p>CO3- To study the role of population in economic development.</p> <p>CO4- Knowing the problems of unemployment, poverty, raising economic and social inequality.</p> <p>CO5- Understanding the need, types and necessary conditions of economic planning and measuring the concept and issues of economic planning.</p>
<p style="text-align: center;">BA V Semester Paper II International Economics</p>	<p>CO1- To enable the students to learn the fundamental theories of international trade.</p> <p>CO2- Understand the significance and gains from international trade.</p> <p>CO3- Discussing protection policy and its role in developing countries.</p> <p>CO4- Clarifying determination of rate of exchange and objectives and methods of exchange control.</p> <p>CO5- To understand the difference between Balance of Trade and Balance of Payment and causes and correcting disequilibrium in Balance of payment.</p>

<p align="center">BA VI Semester Paper I Indian Economy - II</p>	<p>CO1- Evaluating the changing role of agriculture in Indian Economy. CO2- To understand the role of women in Indian Agriculture. CO3- Measuring the problems and prospects of cottage and small scale industries. CO4- To enable the students to know the features of Industrial Policy Resolutions of 1991. CO5- To study the role of banks in India. Monetary policy of Reserve Bank of India. CO6- Familiarizing the students about sources of revenue and expenditure of Central Govt. CO7- Measuring the causes and consequences of increasing public debt in recent years.</p>
<p align="center">BA VI Semester Paper II Public Finance</p>	<p>CO1- To study the nature and scope of public finance and the Theory of Principle of Maximum Social Advantage. CO2- Understand the Tax and Non Tax Revenues and effects of taxation on production, distribution and consumption. CO3- Causes of increase in Public expenditure in recent years and Reforms in Public expenditure in India. CO4- Knowing the purpose and types of public debt and the methods undertaken by the Government for repayment. CO5- To study the meaning and components of budget.</p>
<p>Home Science</p>	
<p align="center">Programme Outcome (PO)</p>	<p align="center">Programme Specific Outcome (PSOs)</p>
<p>PO1 - Acquiring Knowledge of Fundamental Concepts PO2 - Enabling learning through experimental Method PO3 - Inculcating of human Values PO4 - Providing Students ability to critically think in an academic environment for job, and for Competitive examination</p>	<p>PSO 1—Gain knowledge in textile production and processing. PSO-2 –Develop entrepreneurial skills in textiles and fashion. PSO-3-- To enable the students to understand the vital relationship Nutrition and health .To gain experience in planning, preparing and serving therapeutic diet. PSO 4--To know the nutritional problems in the community and to understand the means of prevention . PSO5--Student will understand the role of dietician which can help to modifying the normal diet to therapeutic purpose.& understand the importance of nutritious food in daily life for better health. PSO 6-- Students will be familiar with the nature of developmental pattern in early childhood to old age. Relate the principles of human development with self, family and society. PSO 7- Apply methods of teaching and training towards administration of early learning centers. PSO 8— The student will acquire knowledge and insight</p>

	<p>about the dynamics of contemporary marriage and family system in India. To become aware about women empowerment and legal aspect of women</p> <p>PSO 9- Students will develop managerial skill of resource in life like ,Money, Energy & Time. Students will develop the skills to use the time saving and energy saving household equipments</p> <p>PSO 10 –. Students will understand and improve the quality of life in relation to principles of art & design & enjoy the harmonies in life.</p>
Course Outcome(CO)	
B.A 1st sem	<p>CO1—Recognise natural and artificial fibers and their properties.</p> <p>CO2- Understand the various yarns and their utility in making fabrics.</p> <p>CO3- understanding the basic, chemical and special finishing.</p> <p>CO4 – To understand the weaving techniques.</p> <p>CO5- Students will get trained in printing and dyeing methods.</p>
B.A 2nd sem	<p>CO1- Understand the sewing techniques.</p> <p>CO2- Understand the garment components and their drafting , cutting and stitching techniques.</p> <p>CO3- Evaluate the characteristics and performance of materials in home.</p> <p>CO4 – Understand the psychological and sociological effects of clothing.</p> <p>CO5- Understand the textile designing in the point of types, importance, placement o f different motifs</p>
B.A 3rd sem	<p>CO1- .Definition and scope of studying nutrition.</p> <p>CO2- Definition of food, classification, function, food groups.</p> <p>CO 3 --Preparation cooking techniques & their applications in daily life, like, washing cleaning Cutting, grinding, pounding, milling, polishing, fermentation, germination, smoking, Mixing, blending and homogenization .</p> <p>CO 4-- Principles of cooking- methods of cooking, Effect of heat on cereals, pulses, dairy foods, animal foods, fruits and vegetables, sugar and jaggery, nuts and oil seeds .</p> <p>CO 5- Study of nutrients. Classification, functions, sources, digestion, absorption, requirement and effect of deficiency of particular nutrient in the diet .</p> <p>CO 6-- Energy -Definition, Energy values of foods. Basal Metabolic Rate. Factors effecting BMR. Total Energy Requirement.</p> <p>CO 7--Food Microbiology- a)Food preservation b) Food poisoning c) Food additives, enrichments, d)Food</p>

	<p>toxicants, e) Food Standards f) Food adulterations. Definition ,type and detection methods</p>
B.A 4th sem	<p>CO1- – Principles and objectives of Dietetics. Contribution of female Dieticians in Dietetics. CO 2- Assessment of Nutritional status: Anthropometric Clinical, Biochemical, Diet survey and Vital statistics. CO 3-- Menu Planning b Nutrition for life cycle-infancy to old age . CO 4--Community nutrition, malnutrition-Definition – magnitude-causes, prevention, and organizations working for it. CO5-- Therapeutic Diet: Adaptation of normal diet. a) Modification in consistency. Fluid diet, semi fluid diet, Soft diet, bland diet. b) Modification in fiber- Low fiber diet and high fiber diet. c) Modification in Protein-Low Protein diet and high protein diet. d) Modification in energy,-Low energy diet and high energy diet. e) Modification in fat - Low Fat, diet and high Fat diet. f) Calculated carbohydrate diet. g) Diet for allergic condition elimination. h) Food and drug interaction.</p>
B.A 5th sem Paper-1	<p>CO 1—History and scope of human development. CO 2- Principles of growth and development. CO 3—Prenatal development. CO 4—Physical , motor and emotional development of 0-2 years old child. CO 5- Aims, objectives and history of pre-school education. CO6— Play materials and types of play and play equipments.</p>
Paper-2(b)	<p>CO1-.Exhibit efficient resource use potentials at home and work CO2- Showcase domain specific role clarity CO3- Family resource management –like money, time and energy. CO4 –Decision making CO5-Work simplification. CO 6- Household economics--- Types of purchase, consumer education, acts and standards</p>
B.A 6th sem Paper-1	<p>CO 1—Review of Family life in Indian society. CO 2- Marriage- Philosophy, concepts, and forms. CO3- Legal aspects like-Divorce acts, Dowry act, Hindu succession act, Adoption etc. CO4 –Marital maladjustments like- childlessness, alcoholism, separation, divorce, prolonged illness etc CO5-Family – definition, types and functions in family</p>

	<p>life cycle.</p> <p>CO6 – Teenage period--- Physical & social development, Social and psychological problems of adolescents.</p> <p>CO 7- Adulthood –Challenges for working women, women empowerment, Psychological adjustments, health problems, old age homes etc.</p>
B.A 6th sem Paper-2(b)	<p>CO1- Introduction to Housing & interior decoration .</p> <p>CO2- Housing---like selection of site, construction materials , Features of house, vastu, different plans types of housing schemes, HDFC ETC</p> <p>CO3-Home furnishing—elements of design and principles of design and their application.</p> <p>CO4 –Color and lighting for home.</p> <p>CO5 –Art of entertainment---Event management i.e. invitation , decoration of the venue, menu planning , table setting, table manners, flower arrangements introducing guests and conversation practices.</p>
STATISTICS	
Programme Outcome (PO)	Programme Specific Outcome (PSOs)
<p>PO1: acquire knowledge of fundamental concepts.</p> <p>PO2: Enabling learning through experimental methods.</p> <p>PO3: Study concern with society and human behavior.</p> <p>PO4: analyze social problems and find solution to them.</p> <p>PO5: Students gain skills in critical, creative thinking, Problem solving, decision making, analysis and research.</p>	<p>PSO1: Acquiring fundamental knowledge of statistics.</p> <p>PSO2: Develops skill to apply the statistical knowledge to a variety of real life problems.</p> <p>PSO3: To enrich ability to examine the various statistical issues in a more logical and methodological manner.</p> <p>PSO4: Develop ability to critically examine various hypothesis and research queries identify and consult relevant resources to find their rational answers.</p> <p>PSO5: To familiarize to students with computational techniques and software used in statistical area.</p> <p>PSO6: To develop original thinking for formulating new problems and providing their solutions.</p> <p>PSO7: Student will able to analyze, interpret and draw appropriate conclusion from both quantitative and qualitative data.</p> <p>PSO8: familiarize with data collection, compilation. Analysis and interpret and writing of projects.</p> <p>PSO9: To identify ethical issue, avoid unethical behaviors’ such as fabrication, falsification or miss presentation and miss interpretation of data.</p>

COURSE OUTCOME (CO)	
BA-I-Semester (Applied Statistics)	<p>CO1: To familiarize students with knowledge of statistics and its scope.</p> <p>CO2: To acquire knowledge of various data collection methods and presentation of data.</p> <p>CO3: To familiarize with techniques and software's such as MS-Excel used in analysis of data.</p> <p>CO4: To enable knowledge about Measures of Central Tendency, Skewness and Kurtosis.</p>
BA-II-Semester	<p>CO1: To acquire knowledge about Correlation and regression techniques.</p> <p>CO2: To study concept of coefficient of determination.</p> <p>CO3: acquire knowledge of Time Series analysis and its applications to real data.</p> <p>CO4: To acquire knowledge of computation of index numbers, consumer price index numbers and its applications.</p>
BA-III-Semester	<p>CO1: To learn about probability and finding probability of events.</p> <p>CO2: To enable them to learn random variable mathematical expectation and finding expected values.</p> <p>CO3: To acquire knowledge of and situations to apply Binomial Poisson and Normal Distributions.</p> <p>CO4: To find expected values by fitting Binomial Poisson and Normal Distributions</p>
BA-IV-Semester	<p>CO1: To understand techniques of studying population through sample</p> <p>CO2: To acquire knowledge of estimation.</p> <p>CO3: Enable them to understand testing of hypothesis.</p> <p>CO4: Practical applications through real life problems</p>
BA-V-Semester Paper-I	<p>CO1: To impart knowledge of statistical organization in India and their functions.</p> <p>CO2: To learn the concept of sampling and basic concepts in sampling.</p> <p>CO3: To get idea of conducting sample survey and selecting appropriate sampling techniques.</p> <p>CO4: To import knowledge of various sampling methods.</p>
BA-V-Semester Paper-II	<p>CO1: To get knowledge of complete enumeration and population senses.</p> <p>CO2: To acquire knowledge of methods of conducting senses and household list of previous senses conducted in India.</p> <p>CO3: To expose students to get idea about mortality and fertility measures and its usefulness for Government to take decisions.</p> <p>CO4: To acquire knowledge of quality control charts and its applications in industry for maintaining quality.</p>

BA-VI-Semester Paper-I	<p>CO1: To get the knowledge of formulation of LPP. CO2: Obtaining solutions to LPP graphically. CO3: Finding solution to TP by Northwest Corner rule and Matrix Minima method and Vogel's methods. CO4: To solve assignment problems by Hungarian method</p>
BA-VI-Semester Paper-II	<p>CO1: To acquire the knowledge of concept of analysis of variance. CO2: To learn analysis of variance one way and two way classification. CO3: To know the concept of Designs of experiments and its principles. CO4: To learn various designs of experiments and their applications.</p>
Hindustani Music	
Programme Outcome (PO)	Programme Specific Outcome (PSOs)
<p>PO1-The students will be able to give a practical demonstration of ragas for a period of at least half an hour PO2-Students will be able to demonstrate various aspects of ragas and their differentiation. Students will be studies about the theoretical aspects of the prescribed ragas PO3-Students will be learning to write the practical compositions according to the Notation system PO4-Students will be understanding the basic terminologies of Indian music PO5-Students will be studies about the compositional forms and notation systems of Hindustani music PO6-Students will be studies about the life and contribution of the composers of Hindustani music, Western music and Carnatic music</p>	<p>PSO-1 The student is able to give a practical demonstration of ragas for a period of at least fifteen minutes. PSO-2 She is able to demonstrate various aspects of ragas and their differentiation. PSO-3 She studies about the theoretical aspects of the prescribed ragas and talas. PSO-4 She studies about orchestra and stage performance. PSO-5 She understands the basic technical terms of Indian music. PSO-6 She studies about the compositional forms and notation systems of Hindustani music. PSO-7 She studies about the biography of Hindustani musicians. PSO-8 She learns about the music in the Vedic period to modern period. PSO-9 She studies about the Gharanas of Hindustani music. PSO-10 She studies comparison between Hindustani music and Carnatic music.</p>

<p>PO7-Students will be learning about the music in the Vedic period, and also studies the works of music scholars of the past</p> <p>PO8-Students will be studies about the Gharanas of Hindustani music</p> <p>PO9- Students will be making an analytical study of various musical forms of Hindustani music and Carnatic music.</p>	
Course Outcome	
Sem-1	<p>CO-1 The student understands the basic technical terms of Indian music.</p> <p>CO-2 She learns origin and development of Hindustani music.</p> <p>CO-3 She studies about the theoretical aspects of ragas and talas.</p> <p>CO-4 She studies about various types of musical instruments.</p> <p>CO-5 Knowledge of writing chothakhyal in swaralipi system and talas in talalipi system.</p>
Sem-2	<p>CO-1 The student studies about the history of Indian music during Vedic period.</p> <p>CO-2 The student understand the basic technical terms of Indian music.</p> <p>CO-3 She learns about the Notation systems of Hindustani music.</p> <p>CO-4 She learns to write the practical compositions according to the Notation system.</p> <p>CO-5 The student is able to give a practical demonstration of the prescribed ragas and is able to demonstrate various aspects of ragas and their differentiation and also can perform light music.</p>
Sem-3	<p>CO-1 The student studies about the comparison between Hindustani music and Carnatic music.</p> <p>CO-2 She studies about development of music in mughul period.</p> <p>CO-4 She studies about the theoretical aspects of ragas and talas.</p> <p>CO-5 She studies about Khayal music.</p> <p>CO-6 Knowledge of writing Badakhyal with to alaps and tanas in swaralipi system and talas in talalipi system</p>

<p>Sem-4</p>	<p>CO-1 The student studies about the Psychology and music. CO-2 She learns about origin and development of Dhrupad. CO-3 She learns to write the practical compositions according to the Notation system. CO-4 She studies about the theoretical aspects of ragas and talas. CO-5 She studies about Khayal, Thumri, Tappa. CO-6 Knowledge of writing Badakhyaal with to alaps and tanas in swaralipi system and talas in talalipi system</p>
<p>Sem-5.1 & 5.2</p>	<p>CO-1 The student learns about the music in the Jainism and Buddhism. CO-2 She studies some biographical sketches of musicians. CO-3 Relation between swara and laya in music and folk music CO-4 He studies about the theoretical aspects of ragas and talas. CO-5 She studies about orchestra and stage performance. CO-6 Biography Sketch Vidhushi Kishori Amonkar And Smt Girijadevi CO-7 The student is able to give a practical demonstration of the prescribed ragas and is able to demonstrate various aspects of ragas and their differentiation.</p>
<p>Sem-6.1 & 6.2</p>	<p>CO-1 The student studies about Hindustani music in modern period. CO-2 She learns about the Development of that in H.Music. CO-3 She studies details study of Margi and desi. CO-4 She learns to write the practical compositions according to the Notation system. CO-5 She studies about the Naad and its characteristics CO-6 She studies about development of ' THAT ' in music. CO-7 The student is able to give a practical demonstration of the prescribed ragas and is able to demonstrate various aspects of ragas and their differentiation CO-8 Importance of vadi note in music</p>

Women's Studies	
Programme Outcome (PO)	Programme Specific Outcome (PSOs)
<p>PO1 - Acquiring Knowledge of Fundamental Concepts.</p> <p>PO2 - Enabling learning through experimental Method.</p> <p>PO3 - Inculcating of human Values.</p> <p>PO4 - Providing Students ability to critically think in an academic environment, for job, for Competitive Examination.</p>	<p>PSO1 – Acquiring Fundamental Knowledge of Women's Studies.</p> <p>PSO2 – Understand the difference between “sex” and “gender” and be able to explain social construction theories of identity.</p> <p>PSO3 – Analyze historical and contemporary systems of privilege and oppression, with special attention to the ways gender intersects with race, class, sexuality, ethnicity, ability, religion, and nationality.</p> <p>PSO4 – Articulate how women's studies and gender studies is a distinct field connected to other interdisciplinary fields of study.</p> <p>PSO5 – Read current social inequities effectively and suggest solutions based on feminist methodologies.</p> <p>PSO6 – Prepare for graduate study and for work in professional fields.</p> <p>PSO7 – Recognize their relationship within their communities and understand that actions (or inactions) are integral to overcoming inequalities.</p> <p>PSO8 – To learn about gender, environment and other contemporary issues.</p> <p>PSO9 – Knowledge, Social and Personal Responsibility.</p> <p>PSO10 – Recognize societal institutions and power structures that occur within patriarchal society, and analyze the ways in which these institutions and structures impact the material realities of women's and men's lives differently</p>
Course Outcome	
Sem-1	<p>CO1-To introduce basic concepts of Women's Studies.</p> <p>CO2 -To provide students an overview of Women's Studies as an academic discipline.</p> <p>CO3 - To learn about the Women's Studies as an academic Discipline.</p> <p>CO4 -To Understand the Concepts of Women's Studies.</p> <p>CO5 -To learn about the Women's Studies in Indian Context.</p> <p>CO6 - To learn about the UGC Guidelines for Women's Studies Centre.</p> <p>CO7 - To study Relationship with other social sciences.</p>
Sem-2	<p>CO1 - To sensitize women towards the current social issues confronting them.</p> <p>CO2 - To expose the students to the various issues pertaining to women.</p> <p>CO3 - To learn about the Society.</p> <p>CO4 - To Understand the Culture.</p> <p>CO5 - To learn about the Status of Women.</p>

	<p>CO6 - Student studies about the Social institutions. CO7 - To learn about the Socialization..</p>
Sem-3	<p>CO1- To expose the concepts and philosophy of feminist Theory. CO2- To provide a feminist perspective to understand Women's issues. CO3 - To learn about the Feminism. CO4 - Student studies about the Relationship between Feminism and Women's Studies. CO5 - To Understand the Origin and growth of feminism. CO6 - To learn about the Schools of Feminisms. CO7 - To knowledge of Feminist Thinkers.</p>
Sem-4	<p>CO1 - To envisage Indian Women's Movements from The feminist perspective. CO2 - To make students understand various Women's Movements in India. CO3 - To learn about the Movements in India. CO4 - To Understand the Women in Different movements. CO5 - Student studies about the Contemporary Feminist Movement. CO6 - To learn about the Women's organizations. CO7 - To learn about the Women's Association.</p>
Sem-5 Paper-1	<p>CO1 - To give knowledge on importance of women's Education. CO2 - To understand the impacts of women's education on development of the country. CO3 - To learn about the Education. CO4 - Student studies about the History of Women's Education. CO5 - To learn about the Importance of Women's Education. CO6 - To understanding the Government Programmes for women's education. CO7 - To learn about the Commissions.</p>
Sem-5 Paper-2	<p>CO1 - To make the students aware of women's Health. CO2 - To provide students knowledge on food and nutrition. CO3 -To know about the Concept of Health. CO4 - To learn about the Women's mental health. CO5 -Student studies about the Concept of food and Nutrition. CO6 - To learn about the Gender Discrimination. CO7 -To understanding the Consequences.</p>
Sem-6 Paper-1	<p>CO1 - Understanding the concept of women's work and Development. CO2 - To provide knowledge on women's empowerment. CO3 - To learn about the Concept of Work. CO4 - To understanding the Gender and Work. CO5 - To learn about the Women in Development. CO6 - Student studies about the Policies and programmes</p>

	<p>for women's development.</p> <p>CO7 - To learn about the Concept of empowerment and Women's empowerment.</p>
Sem-6 Paper-2	<p>CO1 - To provide knowledge on political participation of women.</p> <p>CO2 - To make the students aware of laws related to women</p> <p>CO3 - To learn about the Representation of women in Politics.</p> <p>CO4 - To understanding the Constraints and challenges of Women in contemporary politics.</p> <p>CO5 - To learn about the International conferences on Women.</p> <p>CO6 - Student studies about the Laws related to women.</p> <p>CO7 - To learn about the Human rights.</p>

BACHELOR OF COMMERCE**KANNADA**

Programme Outcome (PO)	Programme Specific Outcome (PSOs)
PO1 - Acquiring Knowledge of Fundamental Concepts PO2 - Enabling learning through experimental Method PO3 - Inculcating of human Values PO4 - Providing Students ability to critically think in an academic environment for job & Competitive examination	PSO1 – Acquiring Fundamental Knowledge of Kannada Language PSO2 – Appreciate, interpret and critically evaluate the representative literary and Cultural text PSO3 – Learning through Experimental Method PSO4 – Acquiring reading and Writing Skill PSO5 – Imbibing Literacy research attitude PSO6 – Develop Communicative Skill PSO7 – Enhancement of technology skills PSO8 – To learn about gender, environment and other contemporary issues. PSO9 – To familiarizing with key concepts of linguistic and study latest trends in language PSO10 – Building the critical temper
Course Outcome	
B.Com I	CO1 - To learn about the Status of Woman in Society CO2 - Understanding the Ancient ,middle age and Modern poetry CO3 - Kannada usage of commercial business CO4 - Skill of letter writings CO5 - Understanding the knowledge of language skill
B.Com II	CO1 - Enhancement of technology skills CO2 - To learn about the Social networking sites CO3 - To learn about Philosophical Articles CO4 – Understanding the modern poetry in Kannada literature CO5 – Understanding the human values
HINDI	
Programme Outcome (PO)	Programme Specific Outcome (PSOs)
PO1 - Acquiring Knowledge of Fundamental Concepts PO2 - Enabling learning through experimental Method PO3 - Inculcating of human Values PO4 - Providing Students ability to critically think in an academic environment, for job, for Competitive examination	PSO1 – Acquiring Fundamental Knowledge of Hindi Language PSO2 – Appreciate, interpret and critically evaluate the representative literary and Cultural text PSO3 – Learning through Experimental Method PSO4 – Acquiring reading and Writing Skill PSO5 – Imbibing Literacy research attitude PSO6 – Develop Communicative and technology skill PSO7 – To familiarize about Journalism in Hindi PSO8 – To learn about gender, environment and other contemporary issues. PSO9 – To familiarizing with key concepts of linguistic and study latest trends in language PSO10 – Preparing students for translation work

Course Outcome	
B.Com I	CO1- To learn about Material articles with women CO2- To Understanding Modern period Poem and Story CO3- Successful Women In Business CO4-Promotional Hindi
B.Com II	CO1- To learn Modern Hindi Poetry CO2-Discussion on short story CO3-Language and brief storage CO4- To learn skills and abbreviations
ENGLISH	
Programme Outcome (PO)	Programme Specific Outcome (PSOs)
<p>PO1- Acquiring knowledge of fundamental concepts.</p> <p>PO2- Enabling learning through experimental methods.</p> <p>PO3- Including human values.</p> <p>PO4- Enabling the students to think critically to an academic environment and prepare them for job, competitive examination and research culture.</p>	<p>PSO1- Acquiring of fundamental knowledge of English language and literature.</p> <p>PSO2- Appreciate, interpret and critically evaluate the representative literary and cultural texts.</p> <p>PSO3- Learning through experimental method.</p> <p>PSO4- Acquiring reading and writing skills.</p> <p>PSO5- Imbibing literary research attitude.</p> <p>PSO6- Develop Communication Skills.</p> <p>PSO7- Enhancement of technology skills to avail job opportunities in translation and media.</p> <p>PSO8- To familiarize with key concepts of linguistics and study latest trends in language.</p> <p>PSO9- To enable learning the thematic concerns, genres and trends of Indian writing in English.</p> <p>PSO10- To learn about gender, environment and other contemporary issues of modern society.</p>
Course Outcome	
B.COM I	<p>CO1- To familiarize students with gender discrimination and linkers.</p> <p>CO2- To understand the role of Business in Society, Demonetized India and the concept of phrasal verbs.</p> <p>CO3- To impart the knowledge of the role of bank and effects of globalization on Indian economy.</p> <p>CO4- To make them aware about global warming, climate change and different types of pollutions.</p>
B.COM II	<p>CO1- To learn about the relation between trade and society in India.</p> <p>CO2- To learn about the impact of capitalism and role of commerce on society in India.</p> <p>CO3- To learn about the relation of language and trade.</p> <p>CO4- To motivate the students through life stories of great entrepreneurs.</p>

ECONOMICS	
Programme Outcome (PO)	Programme Specific Outcome (PSOs)
<p>PO1 - Acquiring knowledge of fundamental concepts.</p> <p>PO2 - Enabling learning through experimental method.</p> <p>PO3 - Inculcating of human values.</p> <p>PO4 - Providing students ability to critically think in an academic environment for job, for competitive examination.</p>	<p>PSO1- Understanding the nature and development in national and international Economies.</p> <p>PSO2- Enable the students to have knowledge of various problems and issues faced by the Indian Economy.</p> <p>PSO3- Familiarizing the students about basic principles of micro-economics and macro economics.</p> <p>PSO4- To provide knowledge regarding International Economics and Theories of International Trade.</p> <p>PSO5- Understand the economic policies including fiscal policy and monetary policy of India.</p> <p>PSO6- Analyze them about the role of different sectors in economic development.</p> <p>PSO7- To provide knowledge about causes and consequences of economic variables including inflation, deflation, poverty, unemployment, GDP and balance of payment.</p> <p>PSO8- To help the student gain knowledge regarding problems and issues of rural and urban India.</p> <p>PSO9- Analyzing and interpreting the economic concepts and principals to the common people.</p> <p>PSO10- Highlight the basic features and characteristic of the economy of the Karnataka State.</p>
Course Outcome	
<p>B.Com I Managerial Economics - I</p>	<p>CO1- To study the basic economics tools and techniques and apply them in various functions of business.</p> <p>CO2- Knowing the decision making of consumes.</p> <p>CO3- To applying the price elasticity in real situation.</p> <p>CO4-Comprehending the demand function and production function.</p> <p>CO5- To know the demand forecasting of firm.</p>
<p>B.Com II Managerial Economics - II</p>	<p>CO1-Identifying the nature of revenue and cost of production.</p> <p>CO2-Clarifying the meaning of Marginal Average and Total Revenue.</p> <p>CO3-Understanding the concepts of various costs.</p> <p>CO4-Awareness of different market structure.</p> <p>CO5-Understanding pricing in different markets and judging the factor pricing.</p>
<p>B.Com III Monetary Economics</p>	<p>CO1- To study the concept of money banking and monetary system.</p> <p>CO2- Clarifying the functions and significance of money in modern world.</p> <p>CO3- Discussing the concepts of inflation and deflation and knowing their effects on society.</p> <p>CO4- Understanding the meaning, functions and role of</p>

	<p>commercial banking.</p> <p>CO5-Identifying recent trends in Indian Banking clearing ATMs, Credit Cards, E-Banking.</p> <p>CO6-Knowing the role of Central Bank in Credit Control.</p>
<p>B.Com IV International Economics</p>	<p>CO1-Elaborating the importance of the study of International economics.</p> <p>CO2-Findings the difference between internal and international trade.</p> <p>CO3- Evaluating the theories of international trade.</p> <p>CO4- Discussing the types of tariffs and quotas and their effects.</p> <p>CO5- Knowing the role of protection policy in developing countries.</p> <p>CO6- Discussing the functions of foreign exchange market and how the rate of exchange is determined.</p> <p>CO7- Clarifying the difference between the Balance of Payment and balance of Trade and how to make balance of payment equilibrium</p>
<p>B.Com V Indian Economy</p>	<p>CO1- Understanding the characteristics and structural of Indian Economy.</p> <p>CO2- Learning the role of women in economic development.</p> <p>CO3- Understanding the role of sectoral contribution to national income.</p> <p>CO4- Enabling the learning of the problems and prospects of cottage and small scale industries.</p> <p>CO5- Understanding the sources of revenue and expenditure of Central Government.</p> <p>CO6- Knowing the causes and consequences of public debt.</p>
<p>B.Com VI Industrial Economics</p>	<p>CO1- Understand the role of industrialization in India.</p> <p>CO2- Evaluating the Weber's and Sergeant theory of location.</p> <p>CO3- Understand the role of public and private sector and factors influencing industrial productivity.</p> <p>CO4- Examine the role of IFCI, SFCs, ICICI, IDBI, SIDBI, and EXIM Bank in industrial development.</p> <p>CO5- Discussing the present status of information Technology industries</p> <p>CO6- Analyses the problems and prospects of Iron and Steel Cotton Textile, Sugar and Cement industries in India.</p>

BACHELOR OF COMMERCE

Programme Outcome (PO)	Programme Specific Outcome (PSOs)
<p>PO1- To acquaint a student with conventional as well as contemporary areas in the discipline of Commerce.</p> <p>PO2- To enable a student well versed in national as well as international trends.</p> <p>PO3- To enable the students for conducting business, accounting and auditing practices, role of regulatory bodies in corporate and financial sectors nature of various financial instruments.</p> <p>PO4- To provide in-depth understanding of all core areas specifically Advanced Accounting, International Accounting, Management, Security Market Operations and Business Environment, Research Methodology and Tax planning.</p>	<p>PSO1- To build a strong foundation of knowledge in different areas of Commerce.</p> <p>PSO2- To develop the skill of applying concepts and techniques used in Commerce.</p> <p>PSO3- To develop an attitude for working effectively and efficiently in a business environment.</p> <p>PSO4- To integrate knowledge, skill and attitude that will sustain an environment of learning and creativity among the students</p> <p>PSO5- To expose students about entrepreneurship</p> <p>PSO6- To enable a student to be capable of making decisions at personal and professional level.</p> <p>PSO7- Build and Demonstrate leadership, teamwork, and social skills.</p> <p>PSO8- Communicate effectively in different contexts Analyze socio-political-economic environment of business organizations.</p> <p>PSO9- Develop functional and general management skills</p>

Course Outcomes

<p>B.Com Sem-I Subject: 1.3 Financial Accounting-I</p>	<ol style="list-style-type: none"> 1. Familiarizing with the Accounting of double entry system and rules of debit and credit under English and American system. 2. Understanding the Knowledge about the final accounts of sole trading concerns. 3. Expose the students to the conversation of single entry to double entry system. 4. Enabling the importance of insolvency of a partner under Garner v/s Murray decision 5. Enable the students to understand difference between joint venture and partnership firm
<p>Subject: 1.4 Secretarial Practice</p>	<ol style="list-style-type: none"> 1. Familiarizing with concept of company and formation of the company. 2. Knowledge about the documents of the company 3. To understand the company secretary. 4. Enabling the importance of membership of company 5. Enable the students to understand the company meetings and secretarial duties

Subject: 1.6 Principles of Marketing	<ol style="list-style-type: none"> 1. Familiarizing with concept of modern marketing and market segmentation. 2. Knowledge about the product and product life cycle. 3. To understand the methods of pricing and basic variables of promotion features. 4. Enabling the importance of service marketing and role of women in service marketing. Enable the students to understand the modern digital marketing and introduction to E-commerce
B.Com Sem-II Subject: 2.3 Financial Accounting-II	<ol style="list-style-type: none"> 1. Familiarizing with the concept of Royalty accounting 2. Knowledge about the Consignment accounts 3. Expose the students to the scope of Departmental accounts 4. Enabling the importance of Branch Accounts and its systems 5. To introduce the system of Insurance Claim Accounts
Subject: 2.4 Business Communication Skills	<ol style="list-style-type: none"> 1. Familiarizing with the concept importance of effective communication. 2. Knowledge about the written communication 3. Expose the students to the scope of Business Correspondence. 4. Enabling the importance of career skills regarding study skills, career opportunities and job seeking. 5. To understand the importance and types of business reports.
Subject: 2.6 Women Entrepreneurship	<ol style="list-style-type: none"> 1. Familiarizing with the concept of Women Entrepreneurship. 2. Knowledge about the opportunities and challenges faced by Women Entrepreneurs 3. Expose the students to the role of financial institutions like DIC, CEDOK, RUDSETI and KVIC in support of women entrepreneurial activities. 4. Enabling the importance of government schemes and industrial support to promote women entrepreneur 5. To understand the project identification and formulation.
B.Com Sem-III Subject: 3.1 Corporate Accounting -I	<ol style="list-style-type: none"> 1. Familiarizing with the concept of issue of shares and book building method and SEBI regulations. 2. Knowledge about the exposure to the company final accounts 3. Expose the students to understand about amalgamation in the nature of merger and in the nature of purchase and actuation of companies. 4. Enabling the students can get an idea about

	<p>internal reconstruction</p> <p>5. To enabling the students can get an idea of liquidation of companies.</p>
Subject: 3.4 Indian Financial Systems	<ol style="list-style-type: none"> 1. Familiarizing with the concept of financial systems and structures of financial systems 2. Knowledge about the financial markets and instruments of financial markets 3. Expose the students to understand about intermediaries of financial markets. 4. Enabling the students to understand about financial institutions and functions of different types of banking sectors. 5. To enabling the students to get knowledge about market regulators on the basis of role, need and objectives of investor protection fund.
Subject: 3.5 Retail Management	<ol style="list-style-type: none"> 1. Familiarizing with the concept of present Indian retail scenario and types of retailing. 2. Knowledge about the strategic planning process and customer relationship management. 3. Expose the students to understand about retail operations and analyses and retail advertising. 4. Enabling the students to understand about merchandise management and allocation of merchandise. 5. To enabling the students to get knowledge about information technology in retailing and social issue in retailing.
Subject: 3.6 Principles and Practice of Management	<ol style="list-style-type: none"> 1. Familiarizing with the concept of management and administration and levels of management. 2. Knowledge about the planning and features and process of planning and organizing. 3. Expose the students to the understand principles and importance of direction and leadership. 4. Enabling the students to understand about theories of motivation and factors of motivation 5. To enabling the students to get knowledge about coordination and controlling.
B.Com Sem-IV Subject: 4.1 Corporate Accounting -II	<ol style="list-style-type: none"> 1. Familiarizing with the concept of ascertainment of profit prior and post incorporation by preparing P&L account. 2. Knowledge about the accounts of banking companies and understanding the latest amendments to banking regulation act 1949. 3. Expose the students to the understand group accounts under holding and subsidiary companies. 4. Enabling the students to understand about the valuation of goodwill and factors influencing the value of goodwill. 5. To enabling the students to ascertain the valuation

	of shares under net asset method, yield method and fair value method.
Subject: 4.4 Modern Banking Theory and practice	<ol style="list-style-type: none"> 1. Familiarizing with the concept of Bank and Banker and services rendered by the banks. 2. Knowledge about the banker and customer relationship. 3. To understand the concept of crossing and endorsement of cheques. 4. Enabling the students to understand about Employment of bank funds. 5. To enabling the students to get knowledge about concept of electronic banking and Electronic Payment System.
Subject: 4.5 Goods and Services Tax-I	<ol style="list-style-type: none"> 1. Familiarizing with the introduction to GST and Dual model of GST. 2. Knowledge about the Exemption from GST deemed business enterprise government department other public sector bodies. 3. To understand the concept of registration process in GST types and cancellation of registration. 4. Enabling the students to understand supply of goods and services under GST and electronically supplied services. 5. To enabling the students to get knowledge about concept of input tax credit and file return in GST.
Subject: 4.6 Insurance- Principles and Practices	<ol style="list-style-type: none"> 1. Familiarizing with the origin of insurance, insurance contracts and general insurance Act in India. 2. Knowledge about the Life insurance contracts, procedures for policy and settlement of claims. 3. To understand the concept of fire insurance types, need and procedure. 4. Enabling the students to understand marine insurance, double insurance losses, types of policies. 5. To enabling the students to get knowledge about concept of miscellaneous insurance, Health Insurance and Ayushman Bharat Scheme.
B.Com Sem-V Subject: 5.1 Principles of Financial Management	<ol style="list-style-type: none"> 1. To understanding the concept of Financial management & roles & responsibility of financial manager. 2. To familiarizing the capital structure and capitalization. 3. .knowledge about kinds of cost of capital & weighted average method. 4. Enabling the concept, importance of capital budgeting & types of capital budgeting. 5. To familiarizing about factors & problems of working capital.

Subject: 5.2 Goods and Service Tax	<ol style="list-style-type: none"> 1. Familiarizing with good and service Tax structure rate. 2. Knowledge about the valuation under goods and service tax special valuation rules and general valuation rules. 3. To understanding the concept of composition schemes and eligibility for opt the composition schemes. 4. Enabling the students to understanding the payment process in goods and service tax through credit card/debit card and NEFT/RTGS 5. The students get knowledge about generation of Electronic way Bill and issuing of E-Way Bill
Subject: 5.3 Principles and Practice of Auditing	<ol style="list-style-type: none"> 1. To understanding the concept of auditing types, qualification and qualities of auditor. 2. to understanding the objectives of audit programme, audit notebook ,routine checking and test Checking . 3. Enabling the vouching and purchase book and sales book. 4. To enabling the students get knowledge about difference between manual auditing and computer accounting auditing. 5. The student gets aware about the audit report and difference types of audit report in India.
Subject: 5.6 Cost Accounting-I	<ol style="list-style-type: none"> 1. Enabling the students about basic concept of cost accounting &cost sheet. 2. To understanding the concept of material control with pricing Methods. 3. Knowledge about labor cost with different incentives plans. 4. To introduce the concept of Overhead cost. 5. To familiarizing the concept of Reconciliation Accounting.
Subject: 5.7 Taxation –I	<ol style="list-style-type: none"> 1. To Introduction Basic concepts of taxation. 2. To familiarize the of income with different components like retirements benefits, perquisites, bonus and retrenchment benefits. 3. .Enabling to build an idea about income from house property as a concept. 4. The students are knowledge about business and how it will be calculated in income tax act. 5. .to understanding the students familiarize with concept of profession.
B.Com Sem-VI Subject: 6.1 Business Law	<ol style="list-style-type: none"> 1. Familiarizing with the concept of Nature and kinds of contracts. 2. Knowledge about the Essential elements of a valid contract. 3. Expose the students to the Performance of

	<p>Contracts.</p> <ol style="list-style-type: none"> 4. Enabling the contract of sale of goods & basic essentials performance of contract of sale. 5. To understand the Consumer Protection Act-1986.
Subject: 6.2 Human resources and management	<ol style="list-style-type: none"> 1. To aiming to enable the students in Human Resource Management 2. To introduce the students about Recruitment, Selection, Placement and Induction. 3. To understand the concept of Training and types of Training 4. To facilitate knowledge about Performance Appraisal, Different Methods and Compensation Policies. 5. To enabling the students to get knowledge about worker participation- Importance, limitations and methods of participations.
Subject: 6.3 Principles of Management Accounting	<ol style="list-style-type: none"> 1. To enlighten the students thought and knowledge on management Accounting. 2. Helps to give proper idea on financial statement analysis in practical point of view. 3. To introduce the concept of fund flow and cash flow statement. 4. To provide knowledge about budget control keeping in mind the scope of the concept. 5. To develop the know-how and concept of marginal costing with practical problems.
Subject: 6.6 Cost Accounting-II	<ol style="list-style-type: none"> 1. To aiming to enable the students the concept of Output cost accounting. It helps gather knowledge on preparation of cost sheet in its practical point of view. 2. To understand the concept of Contract costing and treatment of certain important costs in Contract Price. 3. To facilitate knowledge about Operating Costing and Preparation of Operating cost sheet of Transport undertakings only. 4. To introduce the concept of Process Costing and Preparation of Process cost account and treatment of process losses. 5. To familiarizing the concept of Marginal costing and find out the contribution, P/V ratio and margin of safety.

<p>Subject: 6.7 Taxation -II</p>	<ol style="list-style-type: none"> 1. To develop an idea about capital gain among students 2. To enlighten the concept of income from other source 3. To determine the concept of assessment of individual 4. To equip the students with thoughts and points on assessment of firms 5. To know the idea about to how to calculate GST for a different goods and services.
<p>Statistics Course Outcome</p>	
<p>B.com III and IV sem Business Statistics</p>	<p>CO1: Describe and discuss the key terminology, concepts tools and techniques used in business statistical analysis.</p> <p>CO2: Critically evaluate the underlying assumptions of analysis tools.</p> <p>CO3: Understand and critically discuss the issues surrounding sampling and significance</p> <p>CO4: Discuss critically the uses and limitations of statistical analysis</p> <p>CO5: Solve a range of problems using the techniques covered</p> <p>CO6: Conduct basic statistical analysis of data.</p>

**BACHELOR OF COMPUTER APPLICATION
KANNADA**

Programme Outcome (PO)	Programme Specific Outcome (PSOs)
<p>PO1 - Acquiring Knowledge of Fundamental Concepts</p> <p>PO2 - Enabling learning through experimental Method</p> <p>PO3 - Inculcating of human Values</p> <p>PO4 - Providing Students ability to critically think in an academic environment for job & Competitive examination</p>	<p>PSO1 – Acquiring Fundamental Knowledge of Kannada Language</p> <p>PSO2 – Appreciate, interpret and critically evaluate the representative literary and Cultural text</p> <p>PSO3 – Learning through Experimental Method</p> <p>PSO4 – Acquiring reading and Writing Skill</p> <p>PSO5 – Imbibing Literacy research attitude</p> <p>PSO6 – Develop Communicative Skill</p> <p>PSO7 – Enhancement of technology skills</p> <p>PSO8 – To learn about gender , environment and other contemporary issues.</p> <p>PSO9 – To familiarizing with key concepts of linguistic and study latest trends in language</p> <p>PSO10 – Building the critical temper</p>

COURSE OUTCOME

B.C.A I	<p>CO1 - To learn about the Status of Woman in Society</p> <p>CO2 - Understanding the Ancient ,middle age and Modern poetry</p> <p>CO3 - Understanding the relation between science and technology</p> <p>CO4 – To Learn about the biography of Kannada poets</p> <p>CO5 - Building the Critical temper</p>
B.C.A II	<p>CO1 - Understanding the relation between agriculture and the environment.</p> <p>CO2 - Understanding the Ancient ,middle age and Modern poetry</p> <p>CO3 - To learn about the folk literature</p> <p>CO4 – To learn about the Translation works</p> <p>CO5 - To discuss about the novels and drama.</p>

ENGLISH

Programme Outcome (PO)	Programme Specific Outcome (PSOs)
<p>PO1- Acquiring knowledge of fundamental concepts.</p> <p>PO2- Enabling learning through experimental methods.</p> <p>PO3- Including human values.</p> <p>PO4- Enabling the students to think critically to an academic environment and prepare them for job, competitive examination</p>	<p>PSO1- Acquiring of fundamental knowledge of English language and literature.</p> <p>PSO2- Appreciate, interpret and critically evaluate the representative literary and cultural texts.</p> <p>PSO3- Learning through experimental method.</p> <p>PSO4- Acquiring reading and writing skills.</p> <p>PSO5- Imbibing literary research attitude.</p> <p>PSO6- Develop Communication Skills.</p> <p>PSO7- Enhancement of technology skills to avail job opportunities in translation and media.</p> <p>PSO8- To familiarize with key concepts of linguistics and study latest trends in language.</p>

and research culture.	<p>PSO9- To enable learning the thematic concerns, genres and trends of Indian writing in English.</p> <p>PSO10- To learn about gender, environment and other contemporary issues of modern society.</p>
COURSE OUTCOME	
BCA I	<p>CO1- To familiarize the students with gender discrimination and linkers.</p> <p>CO2- To impart the knowledge of science technology, development and bio-ethics.</p> <p>CO3- To learn about the environmental issues and phrasal verbs.</p> <p>CO4- To make them aware about Indian culture through various Indian dances and Mass Media.</p>
BCA II	<p>CO1- To learn about the relation between Science, Women and Society.</p> <p>CO2- To impart the knowledge of the great derangement and science education in India.</p> <p>CO3- To learn about the relation between language and science.</p> <p>CO4- To motivate the students through the life stories of great people.</p>
BCA III Personality Development	<p>CO1- To enable students to adopt the leadership quality interpersonal and communication skills</p> <p>CO2- To learn about managing stress and management managing conflict.</p> <p>CO3- To understand about methods of improving techniques of performance appraisal</p> <p>CO3- To enable to understand about individual time management styles and techniques for better time management.</p>
BCA IV (Communicative English)	<p>CO1- To unable to adopt the technical communication skills, effective listening strategies and team listening.</p> <p>CO2- To understand about speaking strategies, phonetics and spoken English</p> <p>CO3- To learn about professional speaking, group discussion and presentation skills.</p> <p>CO4- To understand about reading writing and negotiation skills.</p>
Hindi Course Outcome	
BCA I	<p>CO1- learn about the status of women in society</p> <p>CO2-To Understanding women Material Articles</p> <p>CO3- Understanding the Ancient ,middle age and Modern poetry</p> <p>CO3- To learn about Short Story</p> <p>CO4-Understanding the Human values</p>
BCA II	<p>CO1-Understanding Folk tale thumbs matching drama</p> <p>CO2- Understanding Agriculture and the environment</p> <p>CO3- To learn Agriculture Poems</p> <p>CO4- To learn Environment Poems</p>

Bachelor of Computer Application

Programme Outcome (PO)	Programme Specific Outcome (PSOs)
<p>PO1 Acquitting knowledge of fundamental concept</p> <p>PO2 Solve real world computing system problems of various industries by understanding and applying the principles of mathematics, computing techniques and business concepts.</p> <p>PO3 Design, test, develop and maintain desktop, web, mobile and cross platform and business concepts.</p> <p>PO4 Inculcating of professional ethics</p>	<p>PSO1 Computational Knowledge: Acquire in depth computation knowledge and mathematics with an ability to abstract and conceptualize models from defined problems and requirements.</p> <p>PSO2 Problem Analysis: Identify , formulate , conduct literature survey and solve complex computing problems trough analysis as well as provide optimal solution</p> <p>PSO3 Design / Development of Solutions: Design and evaluate solution for complex problems, components or processes that meet specified needs after considering public health and safety cultural social and environmental factors</p> <p>PSO4 Conduct Investigations of complex computing problems: Conduct literature survey to analyze and extract information relevant to unfamiliar problems and synthesis information to provide valid conclusions and interpret data by applying appropriate research methods , tools and design experiment.</p> <p>PSO5 Use Modern Tools: Create, select adapt and apply appropriate techniques resources and modern IT tools to complex system activities , with an understanding of the limitations.</p> <p>PSO6 Professional Ethics: Understand and commit to professional ethics and cyber regulations, responsibilities and norms of professional computing practices.</p> <p>PSO7 Project Management & Finance: Demonstrate knowledge and understanding of management principles and apply these to multidisciplinary software development as a team member and manage projects efficiently as a leader considering economical and financial factors</p> <p>PSO8 Communication Efficacy: Understanding and communicate effectively with the computing community and with society at large , regarding complex computing system activities confidently and effectively.</p> <p>PSO9 Societal and Environmental Concern: Understanding responsibilities and consequences</p>

	<p>based on societal, environmental, health, safety, legal and cultural issues within local and global contexts relevant to professional computing practices.</p> <p>PSO10 Individual and Team work: Function effectively as an individual, as a member or leader in diverse team in multidisciplinary environments.</p>
COURSE OUTCOME	
BCA I SEMESTER PROGRAMMING IN C	<p>CO1 Learn the basic and introduction of computer, structure of c and control structure and operators</p> <p>CO2 To learn the input output operations, Design programs involving decision structures and loops.</p> <p>CO3 Know arrays, arrays types, string handling functions.</p> <p>CO4 Understand user defined functions, categories of function and recursion.</p> <p>CO5 To know the concept of pointers and Union.</p>
SUBJECT: Accounting and Financial Management	<p>CO1 Recognize and understand ethical issues related to the accounting</p> <p>CO2 Prepare financial statements in accordance with Generally</p> <p>CO3 Employ critical thinking skills to analyze financial data as well as the effects of differing financial accounting methods on the financial statements.</p> <p>CO4 Describe the audit process from the engagement planning stage through completion of the audit, as well as the rendering of an audit opinion via the various report options</p> <p>CO5 Analyze the efficiency and profitability of business</p>
BASIC ELECTRICAL & ELECTRONICS	<p>CO1 Students will gain knowledge regarding the various laws and principles associated with electrical systems</p> <p>CO2 Students will gain knowledge regarding electrical machines and apply them for practical problems</p> <p>CO3 Students will gain knowledge regarding various types' semiconductors.</p> <p>CO4 Student will gain knowledge digital electronics.</p> <p>CO5 Student will gain knowledge on electronic systems.</p>

<p>SUBJECT: COMPUTER FUNDAMENTALS AND OFFICE AUTOMATION</p>	<p>CO1 Students will gain knowledge regarding the various types of computers and their evolutions, basic operations of the computer. CO2 Students will gain knowledge regarding software and hardware equipment's, computer languages and also assembly language. CO3 Students will gain knowledge regarding various types' of computer operating system. CO4 Student will gain knowledge about the Microsoft Office Tools such as MS- Word, MS- Excel and MS- PowerPoint. CO5 Student will gain knowledge on Internet and latest Technologies</p>
<p>ENGLISH/INDIAN LANGUAGE</p>	<p>CO1 Use basic English grammar correctly CO2 Use relevant vocabulary appropriately CO3 Write business communication documents CO4 Demonstrate effective presentations skills CO5 Show improved interview skills and confidence in group discussions</p>
<p>COMPUTER LAB-1 (PROGRAMMING IN C)</p>	<p>CO1 To make the student learn a programming language. CO2 To learn problem solving techniques. CO3 To teach the student to write programs in C and to solve the problems CO4 Read, understand and trace the execution of programs written in C language. CO5 Implement Programs with pointers and arrays, perform pointer arithmetic, and use the per-processor.</p>
<p>COMPUTER LAB-2 (BASIC ELECTRICAL & ELECTRONICS)</p>	<p>CO1 To acquire the basic knowledge of digital logic levels and application of knowledge to understand digital electronics circuits CO2 Students will gain knowledge regarding electrical machines and apply them for practical CO3 To prepare students to perform the analysis and design of various digital electronic circuits. CO4 Have a thorough understanding of the fundamental concepts and techniques used in digital electronics. CO5 To understand and examine the structure of various number systems and its application in digital design</p>
<p>II SEMESTER</p>	
<p>SUBJECT: ENVIRONMENTAL SCIENCE</p>	<p>CO1 To understand the fundamentals of different instruction set architectures and their relationship to the CPU design CO2 To understand the fundamentals of register and counters. To understand the data representation of data types, fixed, floating point representations CO3 Skill to recognize the instruction codes and formats. And to understanding working of the CPU. CO4 Ability to understand the functionality,</p>

	<p>organization and implementation of computer system</p> <p>CO5 Knowledge of the internal working of main memory, cache memory, associative memory and various modes of data transfer</p>
COMPUTER ORGANIZATION & ARCHITECTURE	<p>CO1 To understand the fundamentals of different instruction set architectures and their relationship to the CPU design</p> <p>CO2 To understand the fundamentals of register and counters. To understand the data representation of data types, fixed, floating point representations</p> <p>CO3 Skill to recognize the instruction codes and formats. And to understanding working of the CPU.</p> <p>CO4 Ability to understand the functionality, organization and implementation of computer system</p> <p>CO5 Knowledge of the internal working of main memory, cache memory, associative memory and various modes of data transfer</p>
SUBJECT: DATA STRUCTURE	<p>CO1 To understand the fundamentals of data structure. Memory allocation and recursion function.</p> <p>CO2 Identify relevant data structures to develop solutions for a problem using sorting and searching concept.</p> <p>CO3 Examine the use of data structures in relevant applications such as a stack and file.</p> <p>CO4 Apply relevant data structures for different applications</p> <p>CO5 Evaluate different data structures to solve real world problem.</p>
NUMERICAL AND STATISTICAL METHODS	<p>CO1 Skill to choose and apply appropriate numerical methods to obtain approximate solutions to difficult mathematical problems.</p> <p>CO2 Ability to apply various statistical techniques such as Measures of Central Tendency and Dispersion.</p> <p>CO3 Understanding of relationship between variables using the method of Correlation and Trend Fit Analysis.</p> <p>CO4 Skill to execute programs of various Numerical Methods and Statistical Techniques for solving mathematical problems</p> <p>CO5 To understand the basic concepts and definition of probability.</p>
COMPUTER LAB-1(DATA STRUCTURE USING C)	<p>CO1 Practically familiar with basic techniques of algorithm analysis.</p> <p>CO2 Demonstrate linear and non-linear data structures and apply Sorting and Searching Techniques</p> <p>CO3 Write programs that use arrays, records, linked structures, stacks, queues, trees, and graphs.</p> <p>CO4 Describe common applications for arrays, records, linked structures, stacks, queues, trees, and graphs.</p> <p>CO5 Apply operations like searching, insertion, deletion, traversal mechanism on various data structures</p>

<p align="center">COMPUTER LAB-1 (NUMERICAL AND STATISTICAL METHODS)</p>	<p>CO1 Find errors in numbers and evaluate algebraic and transcendental equations CO2 Evaluate simultaneous linear algebraic equations CO3 Apply method of interpolation for estimation. CO4 Analyze Numerical Solution of ordinary differential equations CO5 Apply Correlation and Regression for finding relationship between variables and estimation.</p>
<p align="center">III SEMESTER</p>	
<p>DISCRETE MATHEMATICAL STRUCTURES</p>	<p>CO1 Develops formal reasoning. CO2 Creates habit of raising questions. CO3 Knowledge regarding the use of Discrete Mathematics in Computer Science. CO4 Helpful in formulating questions. CO5 Ability to communicate knowledge, capabilities and skills related to the computer engineer profession.</p>
<p>PERSONALITY DEVELOPMENT</p>	<p>CO1 Students will possess the personality development techniques and communication skills. CO2 Students will possess knowledge about leadership. CO3 Students will be able to acquire the skills to manage stress and conflict. CO4 Body language , Problem-solving, Conflict and Stress Management, Decision-making skills CO5 An ability to recognize the need for, and an ability to engage in life-long learning</p>
<p>DATA COMMUNICATION AND COMPUTER NETWORKING</p>	<p>CO1 To understand the networking concepts model and protocols of the network CO2 To understand the data signals and digital Transmission network. CO3 Analyze the importance of routing and congestion control principles. CO 4 Apply various networking classifications in day to day computing. CO5 Access the different routing protocol methods in the networking support layers.</p>
<p>SYSTEM SOFTWARE</p>	<p>CO1 Detailed knowledge software and machine instructions. CO2 Understanding the working of linker and loaders components used during the process of program Execution. CO3 Familiarization with Assembly language. CO4 Understanding the working of microprocessors and its functions. CO5 Detailed knowledge of Compilation process of a program</p>

<p>SUBJECT: PROGRAMMING IN JAVA</p>	<p>CO1 Understand the basic oops concept .Java evaluation and implementation overview of java. CO2 Know operators and expressions, decision making and branching, Decision making and looping. CO3 Able to understand classes and methods, array strings and vectors, interface concept instead of multiple inheritances. CO4 Packages of java, multithreaded programming contains synchronization, managing errors and exceptions handling. CO5 Able to perform applet programming designing HTML, graphic programming</p>
<p>OBJECT ORIENTED PROGRAMMING WITH C++</p>	<p>CO1 Know the principles of oops concept and control structure. CO2 Analyze the concept of classes and object, array, functions, constructor and destructor. CO3 Understand the concept of inheritance and classification, pointers virtual function and polymorphism. CO4 Know the concept of function templates and exception handling CO5 Able to work with files, standard library and Template library.</p>
<p>UNIX AND SHELL PROGRAMMING</p>	<p>CO1 To get the basic knowledge necessary to understand the Unix Programming. CO2 To understand the file system and file handling commands to implement UNIX system. CO3 To understand the concept of input, output operation and the system process mechanism in UNIX CO4 Know the concept of virtual interface in UNIX. CO5 To understand the shell programming concepts.</p>
<p>COMPUTER LAB-1 (OBJECT ORIENTED PROGRAMMING WITH C++)</p>	<p>CO1 Practically isolate and fix common errors in C++ programs CO2 Identify and practice the object-oriented programming concepts and techniques CO3 Implement Object Oriented Programming Concepts in C++. CO4 Creating simple programs using classes and objects in C++. CO5 Practice the use of C++ classes and class libraries, arrays, vectors, inheritance and file I/O stream concepts.</p>
<p>COMPUTER LAB-1 (UNIX AND SHELL PROGRAMMING)</p>	<p>CO1 Understand the significance of the seven fields of the ls – l output CO2 To gain an understanding of important aspects related to the SHELL and the process CO3 To develop the ability to formulate regular expressions and use them for pattern matching CO4 To write the SHELL programming, services and utilities.</p>

	CO5 Know the concept of virtual interface in UNIX.
IV SEMESTER	
DESIGN AND ANALYSIS OF ALGORITHMS	<p>CO1 Be able to design and analyze the time and space efficiency of the data structure</p> <p>CO2 Be able to design an algorithm by selecting appropriate design strategies.</p> <p>CO3 Be capable to identify the appropriate data structure for given problem.</p> <p>CO4 Have practical knowledge on the application of dynamic programming.</p> <p>CO5 Apply graph and tree traverse technique to various applications.</p>
OPERATING SYSTEMS	<p>CO1 Illustrate the fundamentals of operating system components and demonstrate its functionalities.</p> <p>CO2 Summarize the operating system resources and its management techniques</p> <p>CO3 Apply the different management techniques to handle the basic operating system resources</p> <p>CO4 Analyze upon the different algorithms in managing the computer resources.</p> <p>CO5 To understand the concept of input, output management principles.</p>
COMPUTER NETWORKS	<p>CO1 To explain how communication works in computer networks and to understand the basic terminology of computer networks.</p> <p>CO2 To explain the role of protocols in networking and to analyze the services and features of the various layers in the protocol stack.</p> <p>CO3 To understand concept of Transport layer in network.</p> <p>CO4 To understand concept of application layer in network.</p> <p>CO5 Network Security and to understand security threats, security services and mechanisms to counter.</p>
PROGRAMMING IN JAVA	<p>CO1 Understand the basic oops concept .Java evaluation and implementation overview of java.</p> <p>CO2 Know operators and expressions, decision making and branching, Decision making and looping.</p> <p>CO3 Able to understand classes and methods, array strings and vectors, interface concept instead of multiple inheritances.</p> <p>CO4 Packages of java, multithreaded programming contains synchronization, managing errors and exceptions handling</p> <p>CO5 Able to perform applet programming designing HTML, graphic programming</p>

DATABASE MANAGEMENT SYSTEMS	<p>CO1To understand the introduction about DBMS, data Models and benefits of database.</p> <p>CO2 To understand relational model of the data base and basic structural query language concept.</p> <p>CO3 Able to design a good database using entity relationship model</p> <p>CO4Able to design a good database using normalization, Decomposition and functional dependency.</p> <p>CO5 Learn about indexes, sequences, data integrity, creating and maintaining tables and user privileges.</p>
COMPUTER LAB-1 (PROGRAMMING IN JAVA)	<p>CO1 Write a Java Application Programs using OOP's Principles and proper program structure.</p> <p>CO2Develop JAVA Programs using packages, Inheritance and Interface.</p> <p>CO3 Create multi thread programs.</p> <p>CO4 Write Java programs to implement error handling techniques using exception handling and develop programs using class and inputs from keyboard.</p> <p>CO5 Demonstrate event handling mechanism.</p>
COMPUTER LAB-2 (DATABASE MANAGEMENT SYSTEMS)	<p>CO1Database language commands to create simple database</p> <p>CO2 Analyze the database using queries to retrieve records</p> <p>CO3 Applying SQL for processing database</p> <p>CO4 Use the basics of SQL and construct queries using SQL in database creation and interaction.</p> <p>CO5 Analyze and Select storage and recovery techniques of database system</p>
V SEMESTER	
SYSTEM ANALYSIS AND DESIGN	<p>CO1 Systems concepts and the Information Systems Environment and the System Development Life Cycle</p> <p>CO2 The Role of the Systems Analyst, System planning and the Initial Investigation</p> <p>CO3 The Tools of Structured Analysis and feasibility</p> <p>CO4 The Process and Design</p> <p>CO5 System implementation</p>
COMPUTER GRAPHICS	<p>CO1To study the display devices hard copy devices display processors, and graphic software</p> <p>CO2Output Primitives such as Points & Lines, Line Drawing Algorithms</p> <p>CO3 To study the two dimensional transformations</p> <p>CO4 Windowing concepts clipping algorithms</p> <p>CO5 Three-dimensional co-ordinate systems and Back-face removal dept buffer method scan line method</p>
CYBER SECURITY	<p>CO1 Apply theoretical concepts to different cybercrimes and understand the interface of the components, roles and their difference</p> <p>CO2 To understand Tools and methods used in</p>

	<p>Cyber Crime, Proxy servers and Anonymizers- Phishing Password cracking- Key loggers and Spy wares-Virus</p> <p>CO3 Study the different forms in digital forensic investigations and its life cycle</p> <p>CO4 Learn the various forensic principles propounded by different person that are applied to digital space</p> <p>CO5 Learn the Banking and Financial Services Operations and organizational implications-cost of cybercrimes and IPR issues Web threats for organizations</p>
ADVANCED JAVA PROGRAMMING	<p>CO1 To understand the web designing concept.</p> <p>CO2 Gain the knowledge of J2EE architecture, MVC Architecture. (Knowledge)</p> <p>CO3 Gain the knowledge of Server Side programming by implementing Servlet and JSP. Understand and write the deployment descriptor and enterprise application deployment. (Knowledge, Application)</p> <p>CO4 Design and Develop various application by Integrating any of Servlets, JSPs, Swing and Applet using Database, RMI , Spring, Hibernate by analyzing requirements and evaluating existing system.</p> <p>CO5 Gain knowledge of frameworks such as Spring Architecture, JSF and Hibernate Architecture, Distinguish JDBC and Hibernate. (Knowledge, Comprehension)</p>
NET FRAMEWORK USING C#	<p>CO1To understand the C# language, The .Net Architecture and .Net Framework, Common Language Runtime (CLR), Microsoft intermediate language (MSIL) code, Just In Time Compilers, (JI Ters). The Framework Class Library (FCL).</p> <p>CO2 To understand the basic concept of the .NET programming</p> <p>CO3To Study the Inheritance, Interface and Polymorphism and List and Dictionary Array list and Hash table</p> <p>CO4To study the exceptions and designing forms</p> <p>CO5Demonstrate Client side and Server side validation.</p>
ADVANCED JAVA AND NETWORK PROGRAMMING	<p>CO1 Design and Develop Swing-based GUI components</p> <p>CO2 Develop client/server applications using socket programming</p> <p>CO3 Build and retrieve the data from the database using SQL</p> <p>CO4Develop distributed applications using RMI and component-based Java software using JavaBeans</p> <p>CO5 5 Develop and Implement server-side programs in the form of Servlets and enterprise applications</p>

VI SEMESTER

CLOUD COMPUTING	<p>CO1 Understand the concepts, characteristics, delivery models and benefits of cloud computing</p> <p>CO2 Understand the key security and compliance challenges of cloud computing</p> <p>CO3 Understand the key technical and organizational challenges</p> <p>CO4 Understand the different characteristics of public, private and hybrid cloud deployment models.</p> <p>CO5 To understand migrating cloud computing</p>
E- COMMERCE	<p>CO1 Have knowledge of e-commerce, its components, structure of e-banking, rules and regulations on ecommerce.</p> <p>CO2 Acquire a good knowledge of e-commerce, both the technical and business aspects;</p> <p>CO3 Understand the principles and practices of e-commerce and its related technologies;</p> <p>CO4 Discuss the trends in e-Commerce and the use of the Internet.</p> <p>CO5 Explain the economic consequences of e-Commerce.</p>
SOFTWARE ENGINEERING	<p>CO1 Describe theories, models, and techniques that provide a basis for the software lifecycle</p> <p>CO2 Use software metrics to estimate various software project parameters</p> <p>CO3 Design, test, deploy and maintain Software.</p> <p>CO4 Illustrate Software project management, Time management, Cost and Quality management</p> <p>CO5 Describe Project Human resource management, Configuration management and use CASE tools</p>
WEB DESIGNING AND PROGRAMMING	<p>CO1 Understand, analyze and apply the role of languages like HTML, DHTML, CSS, XML, JavaScript, VBScript, ASP, PHP and protocols in the workings of the web and web applications. Analyze a web project and identify its elements and attributes in comparison to traditional projects</p> <p>CO2 Understand, analyze and create web pages using HTML, DHTML and Cascading Styles Sheets</p> <p>CO3 Understand, analyze and build dynamic web pages using JavaScript and VB Script (client side programming).</p> <p>CO4 Understand, analyze and build interactive web applications.</p> <p>CO5 Understand, analyze and build web applications using PHP.</p>

M.COM PROGRAMME

Programme Outcome (PO)	Programme Specific Outcome (PSOs)
<p>PO1-To acquaint a student with conventional as well as contemporary areas in the discipline of Commerce.</p> <p>PO-2 To enable a student well versed in national as well as international trends.</p> <p>PO-3To enable the students for conducting business, accounting and auditing practices, role of regulatory bodies in corporate and financial sectors nature of various financial instruments.</p> <p>PO4-To provide in-depth understanding of all core areas specifically Advanced Accounting, International Accounting, Management, Security Market Operations and Business Environment, Research Methodology and Tax planning</p>	<p>PSO1-For pursuing research in their chosen areas.</p> <p>PSO2-For teaching in Colleges after qualifying requisite tests.</p> <p>PSO3-For working as data analyst.</p> <p>PSO4-To work as investment consultants after a brief internship in suitable organizations absorbed in Banking and Insurance sector as executives.</p> <p>PSO5-The students will be ready for employment in functional areas like Accounting, Taxation, Banking, Insurance and Corporate Law.</p> <p>PSO6-Ability to start entrepreneurial activities. To inculcate ethical values, team work, leadership and managerial skills.</p> <p>PSO7-Students will exhibit inclination towards pursuing professional courses such as CA/ CS/ CMA/CFA etc.</p> <p>PSO8-Ability to work in teams with enhanced communication and inter-personal skills.</p> <p>PSO9-The students will be ready for employment in functional areas like Accounting, Taxation, Banking, Insurance and Corporate Law.</p>

COURSE OUTCOME

Subject: 1.1 Management Process and Practices	<ol style="list-style-type: none">1. Familiarizing with the concepts of management, corporate social responsibility and competitive advantage.2. Knowledge about the concept of planning, its process and managerial decision making.3. Understanding the organizational levels, span of management and the concepts of staffing.4. Expose the students to the theories of leadership and developing leadership skills, motivation and conflict management.5. Understanding the importance of communication skills in an organization and guiding in improvising it.
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<p>Subject: 1.2 Financial Management</p>	<ol style="list-style-type: none"> 1. Skill to manage financial resources of a company 2. Knowledge about the various sources of finance available to businessmen these days. 3. Ability to select an investment proposal by analyzing the compounded and discounted value of money invested. 4. Enabling learning about dividend decisions, dividend policy determinants and illustrative cases. 5. Understanding working capital theories and planning of working capital.
<p>Subject: 1.3 Marketing Management</p>	<ol style="list-style-type: none"> 1. Familiarization with Marketing Concepts and Philosophies. 2. Ability to understand the changing Marketing Environment. 3. Knowledge of different consumer and business buying behaviors. 4. Familiarization with product related decisions. 5. Understanding about marketing control system, marketing audit and marketing research.
<p>Subject: 1.4 Human Resource Management</p>	<ol style="list-style-type: none"> 1. Develop an understanding about concept of HRM and human resource accounting and audit. 2. Familiarizing with recruitment and the process of selection, induction and placement. 3. Acquainting with the knowledge of concept of training and development. 4. Exposing to the methods of performance appraisal, concepts of wage and salary administration and compensation, trade unions and career planning and development. 5. Enabling learning about international HRM, career in international business, HR happiness index and human capital index.
<p>Subject: 1.5 Feminist Jurisprudence</p>	<ol style="list-style-type: none"> 1. Present a overview of human right. 2. Understand legal support by provided to women against dowry death, rape etc. 3. Make her strong mentally physically with the of law. 4. Highlight the personal laws of women in relation with marriage divorce, custody of children, adaptation etc. 5. Present the recent funds in feminist jurisprudence.

<p>Group B - Accounting & Taxations 1.5 Advanced Cost Accounting</p>	<ol style="list-style-type: none"> 1. Expose students to concept of costs & cost classifications. 2. Understanding about control of materials, labor and overhead cost. 3. Understanding the methods of costing & reconciliation of financial & cost account. 4. Knowledge about budgetary control & performance budgeting. 5. Enabling learning about computerized accounting and electronic data processing.
<p>M.Com Sem-II Subject: 2.1 Organizational Behaviors</p>	<ol style="list-style-type: none"> 1. Familiarize the students to the concept of organizational behavior & its models. 2. Understanding about perception, values, attitude & models of motivation. 3. Leadership theories, managing conflicts & morale & productivity. 4. Enabling learning about the organizations structure & culture. 5. Understanding about organization change, approaches to organizational effectiveness & quality work life.
<p>Subject: 2.2 Business Research Method</p>	<ol style="list-style-type: none"> 1. Enabling students to understand about research concepts & its types. 2. Enabling learning about research design- formulating research problem & hypothesis testing. 3. Developing understanding about data collection, processing, analysis & interpretation. 4. Sampling design & test of significance- t test, z test & Chi-square test. 5. Knowledge about report writing & presentation.
<p>Subject: 2.3 Corporate Accounting</p>	<ol style="list-style-type: none"> 1. Understanding the concepts of accounting, analysis & accounting standards. 2. Enabling students in preparation of financial statements of limited companies. 3. Enabling learning about preparation & presentation of annual reports & statutory audit. 4. Understanding AS-14 Amalgamation & Absorption, translation of foreign currency transaction & provisions of New Companies Act 2013. 5. Accounting for shares & debentures.

<p>Subject: 2.4 Managerial Economics</p>	<ol style="list-style-type: none"> 1. Understanding the concept of managerial economics, role of managerial economist & demand analysis. 2. Production function, cost concepts, cost control & cost reduction. 3. Enabling learning about price & output decisions under various competitive conditions. 4. Understanding the theories of profits, measurements & profit planning & forecasting. 5. Familiarizing with business cycle, national income & inequalities in income.
<p>Subject: 2.5 Women's Health</p>	<ol style="list-style-type: none"> 1. Enabling learning about to women's health & sexuality 2. Concepts of reproductive health & STD. 3. Familiarizing to gender dimension of infertility, reproductive technology & contraception. 4. Understanding mental health disorders, occupational hazards & girl child labor. 5. Enabling learning about policy intervention, women health & small family norms.
<p>Group B - Accounting & Taxation S 2.5: Strategic Cost Management</p>	<ol style="list-style-type: none"> 1. Impart knowledge of cost concepts, cost accounting & responsibility centers. 2. Enabling learning about marginal costing & break even analysis. 3. Understanding of standard cost analysis & techniques. 4. Imparting knowledge of value chain analysis, activity based costing, quality costing, target & lifestyle costing. 5. Familiarizing to business process re-engineering, TQM, JIT & FMS
<p>M.Com Sem-III Subject: 3.1 Strategic Management</p>	<ol style="list-style-type: none"> 1. Enabling learning about the concept of strategic management and corporate policy and planning in India. 2. Exposing the students to environment scanning and industry analysis, External Factors Analysis Summary (EFAS) and Internal Factor Analysis Summary (IFAS). 3. Impart knowledge about SWOT analysis and strategic planning in the organization. 4. Developing an understanding about formulation and implementation of strategies in business units. 5. Understanding about strategic information system and strategic issues in SMSEs and nonprofit organizations.

<p>Subject: 3.2 E-Commerce</p>	<ol style="list-style-type: none"> 1. Enabling learning about E-commerce. 2. Understanding the E-commerce business models, internet and World Wide Web. 3. Impart knowledge about building E-commerce website, security threats and paymentsystem. 4. Familiarizing with the concepts of E-commerce marketing, online retailing and services. 5. Enabling learning about social networks, online auctions and E-commerce portals.
<p>Subject: 3.3 Women Entrepreneurship Development</p>	<ol style="list-style-type: none"> 1. Understand the culture and structure and different type of entrepreneursystem. 2. Helps to know the different steps in entrepreneurial process. 3. Understand the importance of women entrepreneurship. 4. Familiarize role of government and other NGO in development of womenentrepreneurship. 5. Make them self dependent and come front and an establish a business
<p>Subject: 3.4 International Business</p>	<ol style="list-style-type: none"> 1. Enabling learning about the concept of international business, modes of entry, international collaborative arrangements and strategic alliances. 2. Understanding globalization, theories of international trade, barriers and trade blocks. 3. Impart knowledge about managing MNCs, problems and potential and concept oftechnology transfer. 4. Familiarizing with the foreign trade policies and practices, FDI, BOP and internationalmarketing mix. 5. Role of international institutions and recent trends in world trade
<p>Group B - Accounting and Taxation Corporate Tax Planning</p>	<ol style="list-style-type: none"> 1. Understanding the basic terms and concepts of taxation, taxable income and corporate tax liability. 2. Familiarizing with tax concession, SEZs and tax deductions. 3. Enabling learning about tax evasion and avoidance, tax planning and management in corporate sector and general anti-avoidance rules. 4. Acquainting students with the tax planning and managerial decision making process. 5. Understanding the procedure of assessment, types, filing of returns and interest or penaltyunder section A,B,C.

OEP: 3.1 Quantitative Techniques for Research	<ol style="list-style-type: none"> 1. Enabling learning about descriptive statistics, data presentation, central tendency, skewness and kurtosis. 2. Exposing to the techniques of co-relation and regression. 3. Understanding the techniques of hypothesis testing. 4. Enabling learning about operations research.
M.Com Sem-IV Subject 4.1 Business Ethics and Corporate Governance	<ol style="list-style-type: none"> 1. To provide knowledge about concept of business ethics and emerging trends. 2. Familiarize with ethical issues in Marketing management and Human resource management. 3. Expose the students to ethical issues in Finance and accounts and information technology. 4. Enabling learning about Corporate governance- Indian model and Changes in Corporate governance as per new Companies Act, 2013. 5. Corporate social responsibility-Indian perspective and Companies Act (Amendment), 2013 on CSR.
Subject 4.2 Corporate Law	<ol style="list-style-type: none"> 1. Enabling learning about preliminary accounting standards and provisions and procedures of private and public companies. 2. Understanding about the allotment of securities- equity shares, preference shares and debentures 3. Familiarize with the concept and cases of acceptance of deposits by private and public companies. 4. Impart knowledge about the general meetings, board meetings and resolutions. 5. Understanding of declaration and payment of dividend and investor education.
Subject 4.3 Accounting Software Packages	<ol style="list-style-type: none"> 1. Enabling learning about the concept and use of computerized accounting system and sourcing of accounting software's. 2. Enable to work with Microsoft Excel and visualizing data using excel charts. 3. Understanding of financial functions in Excel and managing personal finance using Excel. 4. Enabling learning about Tally and preparation of various statements using Tally software. 5. Familiarizing with the problems of accounting software packages.
Group A - Accounting and Taxation Subject 4.4 Corporate Tax Planning (GST and	<ol style="list-style-type: none"> 1. Enabling learning about concept of GST, GST administration in India and filing of returns. 2. Familiarizing with levy and collection of tax according to CGST Act, 2017 and illustrative

Customs) II

cases.

3. Understanding valuation of goods and services under GST and illustrative cases.
4. Imparting knowledge about input tax credit system, recovery of input tax credit and interest thereon and illustrative cases.
5. Tax planning and custom duty, export schemes, duty drawback, valuation of customs duty and illustrative cases

BACHELOR OF SCIENCE	
Basic Kannada	
Programme Outcome (PO)	Programme Specific Outcome (PSOs)
<p>PO1 - Acquiring Knowledge of Fundamental Concepts</p> <p>PO2 - Enabling learning through experimental Method</p> <p>PO3 - Inculcating of human Values</p> <p>PO4 - Providing Students ability to critically think in an academic environment for job & Competitive examination</p>	<p>PSO1 – Acquiring Fundamental Knowledge of Kannada Language</p> <p>PSO2 – Appreciate, interpret and critically evaluate the representative literary and Cultural text</p> <p>PSO3 – Learning through Experimental Method</p> <p>PSO4 – Acquiring reading and Writing Skill</p> <p>PSO5 – Imbibing Literacy research attitude</p> <p>PSO6 – Develop Communicative Skill</p> <p>PSO7 – Enhancement of technology skills</p> <p>PSO8 – To learn about gender , environment and other contemporary issues.</p> <p>PSO9 – To familiarizing with key concepts of linguistic and study latest trends in language</p> <p>PSO10 – Building the critical temper.</p>
COURSE OUTCOME	
BSC I	<p>CO1 - To learn about the Status of Woman in Society</p> <p>CO2 - Understanding the Ancient ,middle age and Modern poetry</p> <p>CO3 - Understanding the relation between science and technology</p> <p>CO4 – To Learn about the biography of Kannada poets</p> <p>CO5 - Building the Critical temper</p>
BSC II	<p>CO1 - Understanding the relation between agriculture and the environment.</p> <p>CO2 - Understanding the Ancient ,middle age and Modern poetry</p> <p>CO3 - To learn about the folk literature</p> <p>CO4 – To learn about the Translation works</p> <p>CO5 - To discuss about the novels and drama.</p>
BASIC ENGLISH	
Programme Outcome (PO)	Programme Specific Outcome (PSOs)
<p>PO1- Acquiring knowledge of fundamental concepts.</p> <p>PO2- Enabling learning through experimental methods.</p> <p>PO3- Including human values.</p> <p>PO4- Enabling the students to think critically to an academic environment and</p>	<p>PSO1- Acquiring of fundamental knowledge of English language and literature.</p> <p>PSO2- Appreciate, interpret and critically evaluate the representative literary and cultural texts.</p> <p>PSO3- Learning through experimental method.</p> <p>PSO4- Acquiring reading and writing skills.</p> <p>PSO5- Imbibing literary research attitude.</p> <p>PSO6- Develop Communication Skills.</p> <p>PSO7- Enhancement of technology skills to avail job opportunities in translation and media.</p>

prepare them for job, competitive examination and research culture.	<p>PSO8- To familiarize with key concepts of linguistics and study latest trends in language.</p> <p>PSO9- To enable learning the thematic concerns, genres and trends of Indian writing in English.</p> <p>PSO10- To learn about gender, environment and other contemporary issues of modern society.</p>
COURSE OUTCOME	
BSC I	<p>CO1- To familiarize the students with gender discrimination and linkers.</p> <p>CO2- To impart the knowledge of science technology, development and bio-ethics.</p> <p>CO3- To learn about the environmental issues and phrasal verbs.</p> <p>CO4- To make them aware about Indian culture through various Indian dances and Mass Media.</p>
BSC II	<p>CO1- To learn about the relation between Science, Women and Society.</p> <p>CO2- To impart the knowledge of the great derangement and science education in India.</p> <p>CO3- To learn about the relation between language and science.</p> <p>CO4- To motivate the students through the life stories of great people.</p>
BSC III Personality Development	<p>CO1- To enable students to adopt the leadership quality interpersonal and communication skills</p> <p>CO2- To learn about managing stress and management managing conflict.</p> <p>CO3- To understand about methods of improving techniques of performance appraisal</p> <p>CO3- To enable to understand about individual time management styles and techniques for better time management.</p>
BSC IV (Communicative English)	<p>CO1- To unable to adopt the technical communication skills, effective listening strategies and team listening.</p> <p>CO2- To understand about speaking strategies, phonetics and spoken English</p> <p>CO3- To learn about professional speaking, group discussion and presentation skills.</p> <p>CO4- To understand about reading writing and negotiation skills.</p>
Basic Hindi Course Outcome	
BSC I	<p>CO1- learn about the status of women in society</p> <p>CO2-To Understanding women Material Articles</p> <p>CO3- Understanding the Ancient, middle age and Modern poetry.</p> <p>CO3- To learn about Short Story</p> <p>CO4-Understanding the Human values</p>

BSC II	CO1-Understanding Folk tale thumbs matching drama CO2- Understanding Agriculture and the environment CO3- To learn Agriculture Poems CO4- To learn Environment Poems
Physics	
Programme Outcome (PO)	Programme Specific Outcome (PSOs)
<p>PO1 : To understand the basic laws and explore the fundamental concepts of physics</p> <p>PO2: To understand the concepts and significance of the various physical phenomena.</p> <p>PO3: To acquire a wide range of problem solving skills, both analytical and technical and to apply them</p> <p>PO4: To enhance the student's academic abilities, personal qualities and transferable skills this Will give them an opportunity to develop as responsible citizens.</p> <p>PO5: To produce graduates who excel in the competencies and values required for leadership serve a rapidly evolving global community</p>	<p>PSO1: Students will be capable of oral and written scientific communication and will prove that they can think critically and work independently.</p> <p>PSO2: To carry out experiments to understand the laws and concepts of Physics</p> <p>PSO3: To apply the theories learnt and the skills acquired to solve real time problems.</p> <p>PSO4: To motivate the students to pursue PG courses in reputed institutions.</p> <p>PSO5: This course introduces students to the methods of experimental physics. Emphasis will be given on laboratory techniques specially the importance of accuracy of measurements.</p> <p>PSO6: Students will show that they have learned laboratory skills, enabling them .draw valid conclusions.</p>
Course Outcome	
<p>B.Sc I Semester</p> <p>Bsphy 01 : Mechanics and properties of matter</p>	<p>CO1: Understand the motion of objects in different frame of references.</p> <p>CO2: Understand laws of motion, reference frames, and its applications i.e. projectile motion, simple harmonic oscillator, Rocket motion, elastic and inelastic collisions.</p> <p>CO3: Understand the idea of conservation of angular momentum, central forces and the effective potential.</p> <p>CO4: Understand the application of central force to the stability of circular orbits, Kepler's laws of planetary motion, Orbital Precession and Rutherford scattering.</p> <p>CO5: Understand the dynamics of rotating objects i.e. rigid bodies, angular velocity, the moment of inertia, parallel axis theorem, the inertia tensor, the motion of rigid bodies. Non-inertial frames: pseudo forces,</p>

	examples involving the centrifugal force and coriolis force.
BSPHY 01 : PHYSICS LAB	CO1: Students will gain working knowledge of fundamental physics and basic mechanics principles, the ability to identify, formulates, and solve physics problems. The ability to formulate, conduct, analyzes and interprets experiments in physics .The ability to use modern physics techniques and tools, including mathematical techniques, graphs and laboratory instrumentation.
<u>Bsc II SEMESTER</u> BSPHY 02 : HEAT THERMODYNAMICS AND WAVES AND OSCILLATIONS	CO1: Understand the Postulates of Kinetic Theory of gases and Maxwell's law for distribution of molecular velocity. CO2: Understand the average velocity, RMS velocity and most probable velocity, principle of Equip partition of energy. CO3: Understand the efficiency of Carnot's engine and the significance of first law and second law of thermodynamics CO4: Ability to evaluate entropy changes in a wide range of processes and determine the reversibility or irreversibility of a process from such calculations CO5: Understand the Ideal gas and Real gases, Andrew's experiments, porous plug experiments.. And Understand Liquefaction of air, Oxygen and helium CO6: Gain knowledge on applications of transverse and longitudinal waves
BSPHY 02 : PHYSICS LAB	CO1: Students will gain working knowledge of fundamental physics and basic thermodynamics. the ability to identify, formulates, and solve physics problems. The ability to find Specific heat by cooling – graphical method. The ability to use modern physics techniques and tools, including mathematical techniques, graphs and laboratory instrumentation Students will understand Thermal conductivity of bad conductor by Lee's and Charlton's method. In this Course students would gain the practical knowledge by performing various experiments related to different field in physics and would also learn to design the experiments themselves under the supervision.
<u>BSc III SEMESTER</u> BSPHY 03 : OPTICAL INSTRUMENTS, LASER AND ELECTRO DYNAMICS	CO1: Understand phenomenon based on light and related theories. CO2: Get skills to identify and apply formulas of optics and wave physics. CO3: In This course the students would gain the knowledge of basic principles, would study the Various types of lasers, Laser spectroscopy and their applications in science and Technology.

	<p>CO4: In this course students will study Scalar and Vector fields, gradients, divergence and curl and their significance</p> <p>CO5: Students will learn Coulombs law, Gauss's Law, Bio-saver law and applications of gauss law</p>
BSPHY 03 : PHYSICS LAB	<p>CO1: Understand optical components and systems. Understand and choose different models for light. Students will learn ability to calculate light level and ray paths in optical systems. And understand the operating principle of some important types of optical instruments. understand Density's bridge using B.G/Spot galvanometer/ head phone</p>
<p><u>BSc IV SEMESTER</u></p> <p>BSPHY 04: PHYSICAL OPTIC AND ELECTRICITY</p>	<p>CO1: In this programme students will Understand Corpuscular theory, Wave theory, Huygens's principle, Reflection and Refraction of plane wave front at plane surface.</p> <p>CO2: Understand Interference at thin film of uniform thickness and wedge shaped film.</p> <p>CO3: Understand Fraun hoffer diffraction , Concepts of Fresnel and Fraun Hoffer diffraction.</p> <p>CO4: Understand Transmission grating theory and experiment dispersion and resolution of grating.</p> <p>CO5: Understand Double refraction in ui-axial crystals. Huygens's theory, positive and Negative Crystal.</p>
BSPHY 04: PHYSICS LAB	<p>CO1: Students will understand optical components and systems. And experiment - charging and discharging of RC circuit. Students will learn ability to calculate light level and ray paths in optical systems. They would also learn optical phenomena such as interference, diffraction and dispersion and do experiments related to optical devices: Prism, grating, spectrometers.</p>
<p><u>BSc V SEMESTER</u></p> <p>BSPHY051: ATOMIC MOLECULAR PHYSICS ANDSPECIAL THEORY OF RELATIVITY</p>	<p>CO1: In this course students will learn Properties of Cathode rays, effect of electric and magnetic field on electron, e/m by J.J Thomson and Dunning ton's method.</p> <p>CO2: Students will understand Thomson's and Rutherford's atom model Bohr's theory Hydrogen atom.</p> <p>CO3: Understand many electron atoms and interaction of spins i.e. LS and JJ coupling.</p> <p>CO4: Understand effect of external fields to spectra like, Lande's-factor and Anomalous Zeeman Effect.</p> <p>CO5: Able to understand production and properties of X –rays using cooling tube, Dune-Hunt law, Mosley's law and application.</p>

<p>BSPHY052: QUANTUM MECHANICS, NUCLEAR PHYSICS AND ENERGY PHYSICS</p>	<p>CO1: Understand classical mechanics, Compton scattering, Schrodinger's wave equation and its Application. CO2: In this course Student will learn properties of Nucleus, binding energy of nucleus, Nuclear Forces, characteristics of nuclear forces YUKAWA theory. CO3: Students will understand Radioactivity decay law, theory of Alpha decay Geiger Nuttel law. CO4: Students will understand Nuclear instruments like, Linear accelerators, Cyclotron, GM Counter etc. CO5: Understand Classification of elementary particles and Quark model of elementary particle.</p>
<p>BSPR053: PHYSICS LAB</p>	<p>CO1: In this course students would be able to understand Basic experiments of modern physics such as: Determination of Rydberg Constant, Determination of e/m by Thomson method, Wavelength of H-spectrum, Single and double slit diffraction, Photo electric effect and determination of e/k - using transistors.</p>
<p><u>BSc VI SEMESTER</u> BSPHY061 : STASTICAL PHYSICS AND SOLID STATE PHYSICS</p>	<p>CO1: Understand Micro and Macro system. Statistical ideas in physics, statistical equilibrium, priori probability and thermo dynamical probability CO2: In this course students will understand Scope of Astronomy and Astrophysics, Stellar spectra, spectrum classification of stars, Milky way galaxy. CO3: Understand Crystal structure, crystal binding: Ionic, Covalent, Metallic, Molecular and Hydrogen binding of solids CO4: Understand Classification of solids into Conductors, semi conductors and Insulators, intrinsic and extrinsic semi conductors CO5: Understand Electrical and thermal properties and Concept of Fermi energy, Configuration.</p>
<p>BSPHY062: OPTOELECTRONICS , ELECTRONICS AND NANO MATERIALS</p>	<p>CO1: Understand Optical fibers, structure, pulse dispersion and modes of propagation of light through optical fibers CO2: Students will learn about Kirchoff's laws, Superposition theorem thevinin's and Norton's theorem CO3: Understand about basics of Transistors, characteristics and parameters of common emitter Configuration. CO4: Understand Phase shift Oscillators and wein's bridge Oscillators, types of negative feedback, Advantages of negative feed back. CO5: Students will learn about logic gates such as AND, OR, NOT, NOR, NAND, XOR gate.</p>

BSPR063: PHYSICS LAB	CO1: Students would gain practical knowledge about Magneto meter, Semiconductor, Photodiode, probe method etc. and perform various experiments. The course Provides practical knowledge of various physical phenomena.
Mathematics	
Programme Outcome (PO)	Programme Specific Outcome (PSOs)
<p>PO1: Enabling students to develop a positive attitude towards mathematics as an interesting and valuable subject of study.</p> <p>PO2: A student should get a relational understanding of mathematical concepts and concerned structures, and should be able to follow the patterns involved, mathematical reasoning.</p> <p>PO3: Introduction to various courses like group theory, ring theory, field theory, metric spaces, number theory.</p> <p>PO4: Enhancing students' overall development and to equip them with mathematical modeling abilities, problem solving skills, creative talent and power of communication necessary for various kinds of employment.</p>	<p>PSO1: Think in a critical manner.</p> <p>PSO2: Know when there is a need for information, to be able to identify, locate, evaluate, and effectively use that information for the issue or problem at hand.</p> <p>PSO3: Formulate and develop mathematical arguments in a logical manner.</p> <p>PSO4: Acquire good knowledge and understanding in advanced areas of mathematics and statistics, chosen by the student from the given courses.</p> <p>PSO5: Understand, formulate and use quantitative models arising in social science, Business and other contexts.</p>

COURSE OUTCOME

<p>B.SC 1stsem: Algebra-I</p>	<p>CO1: Student will learn to find quotients and remainders from integer division. CO2: Students learn to extend group structure to finite permutation groups (Caley Hamilton Theorem). CO3: Learn to find roots of polynomial over rational. CO4: Students get know how to verify the value of the limit of a function at a point using the definition of the limit.</p>
<p>B.SC 2ndsem: Calculus-I</p>	<p>CO1: Students can understand the consequences of the intermediate value theorem for continuous functions. CO2: Students learn the geometrical representation and problem solving on MVT and Rolls theorem. CO3: Students know how to apply Euclid's algorithm and backwards substitution CO4: Students know how to determine multiplicative inverses, modulo n and use to solve linear congruence.</p>
<p>B.SC 3rdsem: Algebra-II, Differential calculus and integral calculus</p>	<p>CO1: Students get knowledge of introduction to sequence and series. CO2: · Understand the importance of algebraic properties with regard to working within various number systems. CO3: Understanding the problem solving on geometry and calculus. CO4: Students know the problem solve on analytic geometry and calculus by using maxima software.</p>
<p>B.SC 4thsem: Algebra-III, Differential Equations, Line and multiple Integral</p>	<p>CO1: · Learn to solve system of linear equation. CO2: Students know the introduction to Ordinary Differential Equation CO3:· Using appropriate numerical methods determine approximate solution of ODE and system of linear equation. CO4: Students get knowledge about dynamical system describes general patterns found in the solution of system of non linear equations</p>
<p>B.SC 5thsem: Paper 1: Fourier series, Laplace Transform and Linear Transform</p>	<p>CO1: Learn to find Laplace Transform of various functions. CO2: Learn Fourier series, Fourier transform and its inverse. CO3: Students know how to apply properties of la place transform like linearity, first shifting ,second shifting theorem. CO4: Learn differentiation and integration of transform .</p>

<p>Paper 2: Differential Equations</p>	<p>CO1: Students can able to model problems using differential equations. CO2: Students learn to solve first order differential equation. CO3: Students know to solve second order differential equations. CO4: Students learn to solve differential equation by method of variation of parameter.</p>
<p>Paper 3: Series solution, Improper Integrals and Vector analysis</p>	<p>CO1: Students can get knowledge to solve power series solutions. CO2: Understand the Legendre differential equation and Legendre polynomial. CO3: Students get know the relation between Beta and Gamma functions. CO4: Students learn Guass and Stokes theorem.</p>
<p>B.Sc 6thsem: Paper 1: Numerical Analysis</p>	<p>CO1: Student will be able to solve first order differential equations utilizing the standard techniques for separable, exact, linear, homogeneous, or Bernoulli cases. CO2: Student will be able to find the complete solution of a non homogeneous differential equation as a linear combination of the complementary function and a particular solution. CO3: Students can get knowledge of the Newton's backward and forward interpolation formulae. CO4: Students are gaining the knowledge of Jacobi iterative and guassseidal method.</p>
<p>Paper 2: Trigonometry and Complex Analysis</p>	<p>CO1: Students understand the residue theory. CO2: Students understand the concept of conformal mapping. CO3: Students understand how to write series representations for analytic functions. CO4: Understand Cauchy's theorem and Integral formula.</p>
<p>Paper 3: Topology</p>	<p>CO1: Students learn the product and Quotient spaces. CO2: Students learn convergence and Tychonoff's theorem. CO3: Students understand the concept of metric space. CO4: Students learn topological space and basic definitions.</p>

Zoology	
Programme Outcome (PO)	Programme Specific Outcome (PSOs)
<p>PO-1. Apply the knowledge of various branches of Zoology meant both for a graduate course and higher studies.</p> <p>PO-2. Acquire basic skills in the observation and study of nature, biological techniques and scientific investigation.</p> <p>PO-3. Develop positive attitude towards sustainable development.</p> <p>PO-4. Understand the unity of life with the rich diversity of organisms and their ecological and evolutionary significance.</p>	<p>PSO-1. Learning the diversity of animal world, their habit, habitat, life history and evolution.</p> <p>PSO-2. Learn to study morphology, anatomy, physiology, reproduction and development of organisms.</p> <p>PSO-3. Learn heredity by study of cytology and genetics.</p> <p>PSO-4. Learn about predators, parasites and pathogens, and diseases affecting animal world and find solutions for prevention.</p> <p>PSO-5. Ecological knowledge with help to know the reasons of environmental degradation and help them to formulate ways for its upkeeping.</p> <p>PSO-6. Theoretical knowledge associated with practical skills, seminar presentations, undertaking project works will help them to acquire in depth knowledge in the field of zoology</p>
COURSE OUTCOME	
<p>B.Sc I SEMESTER – BIOLOGY OF NON-CHORDATES</p>	<p>CO-1. Students will Familiarity with the non-chordate world.</p> <p>CO-2. Students will Identify and classify invertebrates.</p> <p>CO-3. Students will Learn form, structure and habits of Invertebrates.</p> <p>CO-4. Students will Understand about identification, classification and naming of animals</p>
<p>B.Sc IInd SEM BIOLOGY OF CHORDATA AND OSTEOLOGY</p>	<p>CO-1. Familiarity with the chordate world.</p> <p>CO-2. Students will Identify and classify vertebrates.</p> <p>CO-3. Students will Learn form, structure and habits of vertebrates.</p> <p>CO-4. Students will Understand about identification, classification and naming of animals</p>
<p>B.Sc III SEM APPILED ZOOLOGY AND HISTOLOGY</p>	<p>CO1- Students gain knowledge of silk worm rearing, mulberry cultivation, pests and diseases associated with silk worm, mulberry and various process involved in silk production.</p> <p>CO2- It is an agro based cottage industry in India that enables them to get self-employment</p> <p>CO3- Sericulture is a comprehensive subject that gives in depth knowledge of the study of silkworms both physiological as well as commercial purposes including</p>

	<p>the various processes involved in the formation of silk</p> <p>CO4- Students gain knowledge about various systems study of silkworms and cocoons, other defective cocoons.</p>
<p>B.Sc IVth SEM PHYSIOLOGY AND BIOCHEMISTRY</p>	<p>CO1Students learn the Physiological and biochemical understanding through scientific enquiry into the nature. Mechanical, physical, and biochemical functions of humans, their organs, and the cells .</p> <p>CO-2 Students are taught the detailed concepts of digestion respiration excretion the functioning of nerves and muscles</p> <p>CO-3 Students gain fundamental knowledge of animal physiology</p> <p>CO-4Students will gain skill to execute the roles of a biology teacher or medical lab technicians with training as they have basic fundamentals</p>
<p>B.Sc Vth SEMESTER GENETICS</p>	<p>CO-1 Students will Understand Animal behavior and response of animals to different instincts</p> <p>CO-2 Students will Understand the Mendelian and non mendelian inheritance</p> <p>CO-3 Students understand the Concept behind genetic disorder, gene mutations- various causes associated with inborn errors of metabolism</p> <p>CO-4 Students will understand the Theories of Evolution</p> <p>CO5 Knowledge of eras and evolution of species</p>
<p>B.Sc VIth CELL BIOLOGY AND DEVELOPMENTAL BIOLOGY ECOLOGY,</p>	<p>CO-1 Students learn the Structural and functional aspects of basic unit of life i.e. cell concepts</p> <p>CO-2 Students learn the Biodiversity and conservation explore natural landscapes, species and ecosystems and acquires theories and practical methods in preserving environments and organisms. and fungi.</p> <p>CO-3 Students learn the Biodiversity and Conservation increase awareness and understanding of how human life depends on preserving animal species and natural ecosystems.</p> <p>CO-4 Students know the Biodiversity and conservation is connected to similar disciplines like environmental science, natural resources management and animal sciences.</p> <p>CO-5 Students learn the Basic concepts of developmental biology</p>

BOTANY

Programme Outcome (PO)	Programme Specific Outcome (PSOs)
<p>PO1: Knowledge and understanding of: 1. The range of plant diversity in terms of structure, function and environmental relationships. 2. The evaluation of plant diversity. 3. Plant classification and the flora of Karnataka. 4. The role of plants in the functioning of the global ecosystem. 5. A selection of more specialized, optional topics. 6. Statistics as applied to biological data.</p> <p>PO2: Intellectual skills – able to: 1. Think logically and organize tasks into a structured form. 2. Assimilate knowledge and ideas based on wide reading and through the internet. 3. Transfer of appropriate knowledge and methods from one topic to another within the subject. 4. Understand the evolving state of knowledge in a rapidly developing field. 5. Construct and test hypothesis. 6. Plan, conduct and write a report on an independent term project.</p> <p>PO3: Practical skills: Students learn to carry out practical work, in the field and in the laboratory, with minimal risk. They gain introductory experience in applying each of the following skills and gain greater proficiency in a selection of them</p>	<p>PSO1. Critically evaluation of ideas and arguments by collection relevant information about the plants, so as recognize the position of plant in the broad classification and phylogenetic level.</p> <p>PSO 2. Identify problems and independently propose solutions using creative approaches, acquired through interdisciplinary experiences, and a depth and breadth of knowledge/expertise in the field of Plant Identification.</p> <p>PSO3. Accurately interpretation of collected information and use taxonomical information to evaluate and formulate a position of plant in taxonomy.</p> <p>PSO4. Students will be able to apply the scientific method to questions in botany by formulating testable hypotheses, collecting data that address these hypotheses, and analyzing those data to assess the degree to which their scientific work supports their hypotheses.</p> <p>PSO5. Students will be able to present scientific hypotheses and data both orally and in writing in the formats that are used by practicing scientists.</p> <p>PSO6. Students will be able to access the primary literature, identify relevant works for a particular topic, and evaluate the scientific content of these works.</p> <p>PSO7. Students will be able to apply fundamental mathematical tools (statistics, calculus) and physical principles (physics, chemistry) to the analysis of relevant biological situations.</p> <p>PSO8. Students will be able to identify the major groups of organisms with an emphasis on plants and be able to classify them within a phylogenetic framework. Students will be able to compare and contrast the characteristics of plants, algae, and fungi that differentiate them from each other and from other forms of life.</p> <p>PSO9. Students will be able to use the evidence of comparative biology to explain how the theory of evolution offers the only scientific explanation for the unity and diversity of life on earth. They will be able to use specific examples to explicate how descent with modification has shaped plant morphology, physiology, and life history.</p> <p>PSO10. Students will be able to explain how Plants function at the level of the gene, genome, cell, tissue, Flower development. Drawing upon this knowledge, they will be able to give specific examples of the physiological adaptations, development, reproduction and mode of life cycle followed by different forms of plants.</p>

depending on their choice of optional modules. 1. Interpreting plant morphology and anatomy. 2. Plant identification. 3. Vegetation analysis techniques. 4. A range of physiochemical analyses of plant materials in the context of plant physiology and biochemistry. 5. Analyze data using appropriate statistical methods and computer packages. 6. Plant pathology to be added for sharing of field and lab data obtained.

PO 4: Transferable skills:

1. Use of IT (word-processing, use of internet, statistical packages and databases). 2. Communication of scientific ideas in writing and orally. 3. Ability to work as part of a team. 4. Ability to use library resources. 5. Time management. 6. Career planning.

PO5. Scientific Knowledge: Apply the knowledge of basic science, life sciences and fundamental process of plants to study and analyze any plant form.

PO 6. Problem analysis:

Identify the taxonomic position of plants, formulate the research literature, and analyze non reported plants with substantiated conclusions using first principles and

PSO11. Students will be able to explain the ecological interconnectedness of life on earth by tracing energy and nutrient flow through the environment. They will be able to relate the physical features of the environment to the structure of populations, communities, and ecosystems.

PSO12. Students will be able to demonstrate proficiency in the experimental techniques and methods of analysis appropriate for their area of specialization within biology.

<p>methods of nomenclature and classification in Botany.</p> <p>PO7: Design/development of solutions: Design solutions from medicinal plants for health problems, disorders and disease of human beings and estimate the photochemical content of plants which meet the specified needs to appropriate consideration for the public health.</p> <p>PO8: Conduct investigations of complex problems: Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and development of the information to provide valid conclusions.</p> <p>PO9: Modern tool usage: Create, select, and apply appropriate techniques, resources, and modern instruments and equipments for Biochemical estimation, Molecular Biology, Biotechnology, Plant Tissue culture experiments, cellular and physiological activities of plants with an understanding of the application and limitations.</p> <p>PO10: The Botanist and society: Apply reasoning informed by the contextual knowledge to assess plant diversity, its importance for society, health, safety, legal and environmental issues and the consequent responsibilities relevant to the biodiversity</p>	
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conservation practice.

PO11: Environment and sustainability: Understand the impact of the plant diversity in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.

PO12: Ethics: Apply ethical principles and commit to environmental ethics and responsibilities and norms of the biodiversity conservation.

PO13: Individual and team work: Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.

PO14: Communication: Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.

PO15: Project management and finance: Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in

<p>multidisciplinary environments.</p> <p>PO16: Life-long learning: Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change</p>	
Course Outcomes	
B.Sc. Semester-I	<p>CO1. Know the systematic position of cyan bacteria. Understand the economic importance and their life cycle pattern.</p> <p>CO 2. Understand the diversity of Bacteria and their economic importance</p> <p>CO3. Know the systematic, morphology and structure, of Algae. Understand the life cycle pattern of Algae and Understand the useful and harmful activities of Algae.</p> <p>CO5. Understand the Biodiversity of Fungi and . Know the Economic Importance of Fungi.</p> <p>CO6. Know about lichens and their economic importance.</p> <p>CO7. Learn about the plant pathology (diseases) caused by microbes.</p>
B.Sc Semester-II:	<p>CO1. Understand the morphological diversity of Bryophytes and Pteridophytes and Gymnosperms.</p> <p>CO 2. Understand the economic importance of the Bryophytes and Pteridophytes and Gymnosperms and fossil plants.</p> <p>CO3. Understand the anatomical structure of Bryophytes and pteridophytes and gymnosperms and fossil plants.</p> <p>CO4. Know the evolution of Bryophytes and Pteridophytes and Gymnosperms.</p>
B.Sc. Semester- III	<p>CO1. Know about vegetative structures of angiosperms.</p> <p>CO2. Learn to draw the floral diagram and write the floral formula of angiosperms.</p> <p>CO3. Understand the economical importance of plants.</p> <p>CO4. Know about different parts of plants and its modifications.</p> <p>CO5. Know about differentiating monocots and dicots.</p> <p>CO6. With respect to recent knowledge students should know about the different tools in the taxonomy so as to relocate the phylogenetic position of plant or taxa.</p>

<p>B.Sc Semester-IV</p>	<p>CO1. Understand about ecology and its components. CO2. Know about plant succession (development stages of plants). CO3. Know about the activities of various organizations to conserve the ecosystem. CO4. Understand about the various plant communities. CO5. Understand the plant genetics and their management. CO6. Know about ecological/natural disasters and their preventive measures.</p>
<p>B.Sc Semester- V</p>	<p>CO1. Understand the scope & importance of Plant Anatomy and plant breeding CO2. Know various tissue systems. CO3. Understand the normal and anomalous secondary growth in plants and their causes. CO4. Understand major objectives and Methods of plant Breeding CO5. Know the Significance of Hybridization. CO6. Understand the tools, Methods and Materials used for plant propagation. CO7. Learn the process and management of Nursery(plant).</p>
<p>BSBOT052: Cytology, Genetics and Biostatistics.</p>	<p>CO1. Understand the eukaryotic cell cycle and mitotic and meiotic cell division CO2. Know the structure and organization of cell membrane CO3. Learn the process of membrane transport and membrane models CO4. Know the Mendelian and Neo-mendelian genetics CO5. To study the phenomenon of dominance, laws of segregation, independent assortment of genes. CO 6. To understand the different types of genetic interaction, incomplete dominance, codominance, inter allelic genetic interactions, multiple alleles and quantitative inheritance etc. CO 7. Gain knowledge about “Cell Science”. CO 8. Understand Cell wall Plasma membrane, Cell organelles and cell division. CO9. Learn the scope and importance of molecular biology. CO10. Understand the biochemical nature of nucleic acids, their role in living systems, experimental evidences to prove DNA as a genetic material. CO11. Understand the process of synthesis of proteins and role of genetic code in polypeptide formation. CO12. Understand the role plants in human welfare. CO13. Solve the problems based on biostatistics.</p>

<p>B.Sc Semester-VI</p>	<p>CO1. Understand the objectives and principles of plant Embryology. CO2. Learn sequence of emasculation techniques. CO3. Learn about scope of Biotechnology and r- DNA Technology. CO4. Know about the applications of Biotechnology in various fields. CO5. Learn the technique of DNA finger printing and its applications. CO6. Learn the techniques of Tissue Culture and its scope. CO7.Learn the Importance of Transgenic Plants</p>
<p>BSBOT062: Plant Physiology and stress phytochemistry</p>	<p>CO1. Know importance and scope of plant physiology. CO2. Understand the plants and plant cells in relation to water. CO3. Understand the process of photosynthesis in higher plants with particular emphasis on light and dark reactions, C3 and C4 pathways. CO4. Understand the respiration in higher plants with particular emphasis on aerobic and anaerobic respiration. CO5. Learn about the movement of sap and absorption of water in plant body CO6. Understand the plant movements. CO7. Learn and understand about mineral nutrition in plants. CO8. Understand the growth hormones and seed dormancy in plants. CO9.Understand the process of translocation of solutes in plants CO10. Know the nitrogen metabolism and its importance.</p>

Chemistry	
Programme Outcome (PO)	Programme Specific Outcome (PSOs)
<p>PO1: Students will Gaining elementary/ basic knowledge in the fundamentals and applications of the current and scientific theories of all basic areas of chemistry. (Inorganic, Organic ,Physical and Analyticalchemistry).</p> <p>PO2: Critical thinking, scientific methods to design , carry out rocoseanalytethe result of experiments and get awareness of the impact of chemistry on environment, society, etc.</p> <p>PO3: Students graduating with degree in chemistry background will be prepared for highly effective teachers at secondary schools, good researchers, clearly communicate the results of scientific work and gain employment in industry or government or professional schools, instructors etc..</p> <p>PO4: Chemistry faculty will strive to maintain a quality programme in the subject matter being taught, including current research areas</p>	<p>PSO1: To develop strong and component knowledge in theoretical and practical chemistry.</p> <p>PSO2: Able to explain structure, reactions and mechanism of various colors of organic and inorganic compounds. And also demonstrate an understanding of principles and theories of chemistry including atomic and molecular structure ,periodic law ,ionic theory ,behavior and properties of gases, liquids and solids .Oxidation-reduction equilibrium, kinetics, thermodynamics radioactivity and nuclear reactions.</p> <p>PSO3: Apply appropriate techniques for the qualitative and quantitative analysis of chemicals in laboratories and industries. And also to understand various laws and theories and solving numerical problems.</p> <p>PSO4: To develop technical and analytical skilled through laboratory training.</p> <p>PSO5: Be able to explain structure reactivity, uses of various classes of organic compounds. To explain reaction mechanism for important organic reactions, understanding methodology of various spectroscopic, and chromatographic techniques.</p> <p>PSO6: To create an awareness the importance. And impact of chemistry on environment .</p>
Course Outcome	
<u>SEMSETER-I</u>	<p>CO1: Study of Atomic structure will help us visualize the interior of atoms and molecules, and thereby predicting properties of matter.</p> <p>CO2: Principles of Volumetric analysis methods: Titration, types of titrations with examples.</p> <p>CO3: Study of reaction mechanism: Types of reactions, E1 and E2and SN1 and SN2.</p> <p>CO4: Study of Preparation, properties of Alkanes and</p>

	<p>Cycloalkanes.</p> <p>CO5: Study of Preparation and properties of Alkenes and Alkynes.</p> <p>CO6: In Gaseous state, PV isotherms, Vander Waals equation. Molecular velocities, collision properties, critical phenomena.</p> <p>CO7: Study of Liquid state and laws of solid state: Inter molecular forces, differences between solid, liquid and gases. Laws of crystallography, Bragg's equation.</p>
<u>Semester-II</u>	<p>CO1: Study of s-block elements: Properties of IA & IIA group elements and their comparative properties.</p> <p>CO2: Study of p-block elements: Study of boron and silicon and carbon family. Structure of diamond and graphite and interhalogens and pseudohalogens.</p> <p>CO3: Study of Arenes and Aromaticity: Various mechanisms, aromatic properties and rules.</p> <p>CO4: Study of Aliphatic and Aromatic Nitro Compounds: Preparation and properties of nitrobenzene.</p> <p>CO5: Study of Nernst distribution law: Statement, modification of law and applications.</p> <p>CO6: Study of Liquid Mixtures: Binary mixtures, laws, azeotropic mixtures, critical solution temperature</p> <p>CO7: Study of Phase Equilibria: Phase rule & its terms .Applications of phase rule to one and two component systems.</p>
<u>Semester-III</u>	<p>CO1: Chemical bonding - Ionic bond formation ,Born-Haber cycle ,covalent bond theory ,VBT & MOT, LCAO. Structure and bond order of varies molecules.</p> <p>CO2: Non-aqueous solvents –Properties of non aqueous solvents like liquid ammonia and liquid sulphur dioxide.</p> <p>CO3: Alcohols: Preparation, reactions of monohydric, dihydric and trihydric alcohols.</p> <p>CO4: Classification and various named reactions and their mechanisms.</p> <p>CO5: Ethers and Epoxides: Preparation properties and reactions of ethers and epoxides.</p> <p>CO6: Physical properties of liquids: Properties like surface tension ,viscosity & effect of temperature, refractive index, specific and molar refractions.</p> <p>CO7: Chemical kinetics-Second order reaction collision theory and transition state theory and their comparison.</p> <p>CO8: Thermodynamics-First law, Cp & Cv and their relationship, expression for maximum work done, J-T-effect, problems.</p>
<u>Semester-IV</u>	<p>CO1: Nuclear chemistry- Radioactive properties of elements and their isotopes.</p> <p>CO2: d-Block elements –general characteristics of</p>

	<p>transition elements and f-Block elements –Varies properties and separation of lanthanides, lanthanide contraction..</p> <p>CO3: Aldehydes and ketones –Synthesis, reactions, structure of aldehydes and ketones, Helogens.</p> <p>CO4: Stereochemistry-Optical isomerism properties, D & L configuration, R & S notations, geometric isomerism, E-Z system.</p> <p>CO5: Physical properties of liquids- surface tension, viscosity and refractive index.</p> <p>CO6: Thermodynamics- Second law Carnot’s cycle, problems.</p> <p>CO7: Spectroscopy- introduction, rotational spectrum and vibrational spectrum.</p>
<p><u>Semester-V</u></p>	<p>CO1: Bioinorganic chemistry-Essential elements, Hb & Mb Biological role of alkali and alkaline earth metal ions. Nitrogen fixation.</p> <p>CO2: Inorganic polymers-Types of inorganic polymers, comparison with organic polymers. Synthesis structural aspects of borazole, silicones and phosphonitryls.</p> <p>CO3: Heterocyclic compounds-Molecular orbital picture and aromatic character of various heterocycles. Preparation, reactions of five and six member heterocycles.</p> <p>CO4: Organometallic compounds –preparation, structure, chemical reactions of organozinc, organolithium compounds. Organosulphur compounds- Nomenclature, structure, formation and reactions of organosulphur compounds.</p> <p>CO5: Spectroscopy of organic compounds-Ultraviolet spectroscopy –Infrared spectroscopy</p> <p>CO6: Electrochemistry-Conductance, molar, equivalent conductance. Kohlrausch law, ionic conductance. Applications of conductance measurements.</p> <p>CO7: Catalysis-General characteristic of catalysis, acid-base catalysis, mechanism, pH dependence etc.</p>
<p><u>Semester-V</u> <u>Paper 5.2</u></p>	<p>CO1: Co-ordination compounds-EAN concept ,types of ligands, CN 4&6. VBT, formation of coplexes based on VBT. CFT –tetrahedral & octahedral complexes. CFSE</p> <p>CO2: Organic reagents in inorganic analysis- Significance, preparation, properties and structure of DMG, EDTA, Oxine and ortho-phenonthroline.</p> <p>CO3: Carbohydrates- Classification, mechanism of osazone, determination of configuration of glucose and fructose. Structural determination of disaccharides and of polysaccharides.</p> <p>CO4: Terpenoids- Occurance, classification, isolation,</p>

	<p>isoprene rule & its applications. Synthesis and elucidation of structure of citral and terpeniol. Alkaloids – Classification, synthesis of coniine, nicotine. Structure and uses of cocaine and atropine.</p> <p>CO5: Photochemistry- Laws, fluorescence, phosphorescence, quantum yield, photosensitized reactions.</p> <p>CO6: Physical properties and molecular structure- Optical activity, polarization, dipole moment, magnetic properties.</p> <p>CO7: Chemistry of Newer Materials- Conducting polymers, superconductors and nonmaterial.</p>
<p><u>Semester-VI</u> <u>Paper 6.1</u></p>	<p>CO1: Industrial chemistry- definition, composition, manufacture and types of cement and glass.</p> <p>CO2: Paints, pigments and varnishes- introduction, formation and uses.</p> <p>CO3: Amines – Classification and nomenclature, stereochemistry, separation, preparation, properties and reactions of aryl and alkyl amines.</p> <p>CO4: Amino acids – Classification, methods of synthesis and reactions. Peptides – Nomenclature, geometry, structure determination, end group analysis and synthesis. Proteins – Classification, primary and secondary structure of proteins, denaturation.</p> <p>CO5: Enzymes- Nomenclature, classification, active sites, specificity of enzymes, kinetics, turnover number and cofactors.</p> <p>CO6: Colligative properties- Semipermeable membrane, osmosis, osmotic pressure, theory of dilute solutions, laws of osmotic pressure, isotonic solutions, Raoult's law, relative lowering of vapour pressure and molecular mass relation. Elevation in B.P. and depression in F.P. and their experimental determination.</p> <p>CO7: Electromotive force- Measurement of EMF, types of electrodes, sign convention of electrode potential. Nernst equation, hydrogen electrode, Calomel electrode, silver-silver chloride electrode. Applications of EMF measurements, concentrations with and without transference, liquid junction potential.</p>
<p><u>Semester-VI</u> <u>Paper 6.2</u></p>	<p>CO1: Introduction to analytical chemistry – Role, classification, selecting analytical method, neatness and cleanliness, analytical balance, techniques of weighing, calibration of glass ware. Sample preparation, principles of gravimetric analysis, Safety in analytical laboratory.</p> <p>CO2: Errors and evaluation – Definition of terms mean and median. Precision standard deviation, accuracy, types</p>

of errors, determinate and indeterminate and gross .Source of errors ,methods of reporting analytical data, use of statistics.

CO3: Chromatographic technique- fundamental of chromatography, thin layer chromatography and column chromatography.

CO4: Oils, Fats and Detergents –Composition of oils ,fats and waxes, determination of acid value, iodine value ,saponification value and their importance.

Manufacture of soaps, types of soaps and syndets.

Cleaning action of soaps. Organic synthesis via enolates- Acidity of alpha hydrogens,alkylation of diethyl malonate and ethylacetoacetate, synthesis of ethylacetoacetate, keto-enol tautomerism.

CO5: Synthetic dyes and drugs. Colour and constitution, classification of dyes, synthesis uses of some dyes.

Drugs- Chemotherapy, antimalerials, sulphadruugs, synthesis and some uses of some drugs.

CO6: Environmental chemistry- types of air pollution, Water Pollution –Types of water pollutants, biological degradation DO level, BOD, industrial effluents –their effects and treatment effect of water pollutants on environment.

CO7: Food analysis- reasons, analysis of moisture in vegetable oils & spices, ash in honey, crude fibers in spices & condiments. Food adulteration common adulterants in food.