

## COURSE OUTCOME (NEP)

### DEPARTMENT OF COMMERCE

#### **Financial Accounting – I**

- To enable the students to understand the system of preparing financial statement of sole trading concern and to create an awareness in the students about Financial Reporting Standards.
- The students will be able to prepare and analyse financial statements of sole trading concerns.

#### **Management Principles and Applications**

- The students will be able to understand and identify the different theories of organization, which are relevant in the present context.
- Compare and chose the different types of motivation factors and leadership styles.

#### **Principles of Marketing**

- To enable students to understand the basic concepts and principles of Marketing
- Students will be able to learn the application of Principles of marketing by business firms

#### **Basics of Accounting**

- To enable the students to understand the basics of accounting, need for accounting in business and the system of preparing financial statements - to create an awareness in the students about Financial Reporting Standards
- The students will be able to prepare subsidiary books and to prepare and analyse financial statements of sole trading concern.

#### **Financial Accounting – II**

- To enable the students to understand the maintaining of accounts for various types of business firms including non- profit organizations.
- The students will be able to prepare the final accounts of business firms and NPO and they will be able to account for loss of stock

#### **Company Law**

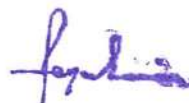
- To enable the students to understand the types of companies incorporated in India and the promoters involved in forming a company and Company administration till its Liquidation.
- The students will understand the frame work of Companies Act of 2013.
- Identify the stages of formation and documents involved in the formation of a company.
- Role of Managerial Personnel and procedure of conducting company meetings.

#### **Law and Practice of Banking**

- Students will understand the conceptual frame work of Banking, classification of Banking, banker and customer relationship and E-Banking services.
- To enable students to acquire specialized knowledge of law and practice relating to Banking.

#### **Financial Literacy**

- The students will be able to understand the importance of financial literacy and prepare financial plans and budgets.
- The student will be able to describe the importance of insurance services as social security measures.



## COURSE OUTCOME

### BACHELOR OF BUSINESS ADMINISTRATION (BBA)

#### SEMESTER-1

##### BBA 1.1 Management Principles & Practice

- The ability to understand concepts of business management, principles and function of management.
- The ability to explain the process of planning and decision making.
- The ability to create organization structures based on authority, task and responsibilities.
- The ability to explain the principles of direction, importance of communication, barrier of communication, motivation theories and leadership styles.
- The ability to understand the requirement of good control system and control techniques.

##### BBA 1.2: Fundamentals of Business Accounting

- Understand the framework of accounting as well accounting standards.
- The Ability to pass journal entries and prepare ledger accounts
- The Ability to prepare subsidiaries books
- The Ability to prepare trial balance and final accounts of proprietary concern.
- Construct final accounts through application of tally.

##### BBA 1.3 Marketing Management

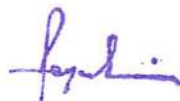
- Understand the concepts and functions of marketing.
- Analyse marketing environment impacting the business.
- Segment the market and understand the consumer behaviour
- Describe the 4 p's of marketing and also strategize marketing mix
- Describe 7 p's of service marketing mix.

##### BBA 1.5 (OEC) Business Organization

- An understanding of the nature, objectives and social responsibilities of business
- An ability to describe the different forms of organisations
- An understanding of the basic concepts of management
- An understanding of functions of management.
- An understanding of different types of business combinations

##### BBA 1.5 Office Organization and Management (OEC)

- An understanding of basic knowledge of office organisation and management
- Demonstrate skills in effective office organisation
- Ability to maintain office records
- Ability to maintain digital record.
- Understanding of different types of organisation structures and responsibilities as future office managers.



## SEMESTER- II

### **BBA 2.1 Financial Accounting and Reporting**

- The ability to prepare final accounts of partnership firms
- The ability to understand the process of public issue of shares and accounting for the same
- The ability to prepare final accounts of joint stock companies.
- The ability to prepare and evaluate vertical and horizontal analysis of financial statements
- The ability to understand company's annual reports.

### **BBA 2.2: Human Resource Management**

- Ability to describe the role and responsibility of Human resources management
- functions on business
- Ability to describe HRP, Recruitment and Selection process
- Ability to describe to induction, training, and compensation aspects.
- Ability to explain performance appraisal and its process.
- Ability to demonstrate Employee Engagement and Psychological Contract.

### **BBA 2.3 BUSINESS ENVIRONMENT**

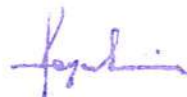
- An Understanding of components of business environment.
- Ability to analyse the environmental factors influencing business organisation.
- Ability to demonstrate Competitive structure analysis for select industry.
- Ability to explain the impact of fiscal policy and monetary policy on business.
- Ability to analyse the impact of economic environmental factors on business.

### **BBA 2.3 Business Mathematics**

- The Understanding of the basic concepts of business maths and apply them to create solve and interpret application problems in business
- Ability to solve problems on various types of equation.
- Ability to solve problems on Matrices and execute the laws of indices, law of logarithm and evaluate them.
- Ability to apply the concept of simple interest and compound interest bills discounted etc. and apply them in day-to-day life.
- Ability to solve problems on Arithmetic progression, Geometric progression and
- construct logical application of these concepts.

### **BBA.2.6 (OEC) People Management**

- Ability to examine the difference between People Management with Human resource Management
- Ability to explain the need for and importance of People Management.
- Ability to explain role of manager in different stages of performance management Process
- Ability to list modern methods of performance and task assessment.
- Ability to analyse the factors influencing the work life balance of an working individual.



## **BBA 2.6 (OEC)RETAIL MANAGEMENT**

- An understanding of the types and forms of Retail business.
- Ability to examine Consumer Behaviour in various environment.
- Ability to analyse various Retail operations and evaluate them.
- Ability to analyse various marketing mix elements in retail operations.
- An understanding of Information Technology in retail business.



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## COURSE OUTCOME

### ECONOMICS

#### BA (Honours)

#### Semester - 1

##### **DSC 1.1: Basic Economics – I (Economic Analysis -I) 3 credits**

**By the end of the course the student will be able to:**

- Identify the facets of an economic problem.
- Learn basic economic concepts and terms.
- Explain the operation of a market system;
- Analyse the production and cost relationships of a business firm;
- Evaluate the pricing decisions under different market structures; and
- Use basic cost-benefit calculations as a means of decision making (i.e., thinking like an economist)

##### **DSC 1.2: Contemporary Indian Economy**

**At the end of the course the student should be able to:**

- Understand the current problems of Indian Economy
- Identify the factors contributing to the recent growth of the Indian Economy
- Evaluate impact of LPG policies on economic growth in India
- Analyze the sector specific policies adopted for achieving the as rational goals
- Review various economic policies adopted.

#### Semester - II

##### **DSC 2.1: Basic Economics – II**

**At the end of the course the student should be able to:**

- Understand the operation of the overall economic system;
- Calculate national income and related aggregates
- Explain the relationship between macroeconomic aggregates;
- Analyse the nature of business cycles and policies towards controlling them;
- Evaluate the macroeconomic policies for solving major problems like poverty and unemployment

##### **DSC 2.2: Karnataka Economy**

**At the end of the course the student should be able to:**

- Understand the nature of economic growth and problems of Karnataka state.
- Explain the process of structural growth in Karnataka Economy;
- Evaluate the policies and programmes undertaken by the Govt. of Karnataka for bringing about socio-economic development.

## COURSE OUTCOME

### POLITICAL SCIENCE

#### DSC-1 BASIC CONCEPTS IN POLITICAL SCIENCE

- Political Science, theoretically and will gain knowledge to explain and analyze politics at large.
- The dynamics of politics.
- To inculcate the democratic spirit.

#### DSC-2 POLITICAL THEORY

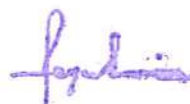
- The nature and relevance of Political Theory.
- The different concepts like Liberty, Equality, Justice and Rights.
- To reflect upon some of the important debates in Political Theory.

#### DSC-3 WESTERN POLITICAL THOUGHT

- Get an introduction to the Schools of Political Thought and Theory making in the West.
- And introduce the richness and variations in the political perceptions of Western Thinkers.
- And familiarize themselves to the Thought and Theory of Western Philosophy

#### DSC-4 INDIAN NATIONAL MOVEMENT AND CONSTITUTIONAL DEVELOPMENT

- Understand how the colonial rule was overthrown by the Indian nationalists.
- Appreciate the ideals and values of Gandhi that resulted in freedom.
- Examine the problem of Independent India and the role played by great leaders in solving them.



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## COURSE OUTCOME

### Sociology

#### Paper 1 : Understanding Sociology

- Understand the nature and role of Sociology in a changing world
- Comprehend the uniqueness of sociological imagination in the study of real world
- Recognise different perspectives of perceiving the workings of social groups
- Differentiate between sociology's two purposes - science and social reform
- Express one's understanding of current social issues in oral and written forms

#### Paper 2: Changing social institutions in India

- Identify the new forms taken by institutions of family and marriage
- Understand the role played by religion in modern world
- Sensitise the students to the conflicting norms of secularism and living by one's religious beliefs
- Appreciate the role of education and challenges in making education accessible to all
- Recognise the social nature of economy and work
- Grasp the opportunities offered by democracy and the threats it faces
- Undertake micro research work and communicate effectively

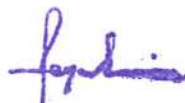
### II Semester

#### Paper 1: Foundations of sociological theories Course Outcomes

- Contextualize the social and intellectual background of classical sociologists
- Appreciate the contemporaneity of classical sociological thought
- Appreciate the need for thinking in theoretical terms and concepts
- Demonstrate Basic Understanding of Theory and Research

#### Paper 2: Sociology of rural life in India

- Understand the myths and realities of village India constructed by Western scholars
- Understand the changes in land tenure systems and consequences
- Appreciate the role of traditional social institutions and how they have responded to forces of change
- Make an informed analysis of various development program and challenges encountered



## COURSE OUTCOME

### HISTORY

#### SEMESTER 1

##### DSC-1 Introduction to Ancient World Civilizations

At the end of the course the student should be able to:

- Understand the birth of Ancient Civilizations across the world.
- Obtain an idea of the geographical influences which aided the establishment of these Civilizations.
- Trace the evolution of political history and socio-economic characteristics of the different Civilizations.
- Analyse the ideas of theocracy and statehood during this time.
- Gather information on the various contributions in the fields on religion, law, education, language, literature, science mathematics, art and architecture.

##### DSC-2History of Ancient India (From Earliest Times to 1206 CE)

At the end of the course the student should be able to:

- Gain an extensive insight of the political developments in Ancient India.
- Become familiar with development of Human evolution and material culture in the Indian subcontinent.
- Analyse sources in different forms to study the history of Ancient India.
- Capture a glimpse of the evolving socio- cultural and religious diversities and dissents of Ancient India.
- Understand the progress of early State formations and political structures in Ancient India.

##### OE -1Cultural Heritage of India

At the end of the course the student should be able to:

- Provide an insight about an extensive survey of heritage of India
- Familiarize oneself with Indian history and culture
- Expertize to analyse further development of culture of India
- Analyse the factor responsible for origin and decline of culture
- Provide the opportunity to understand the process of cultural development

##### OE-1 Introduction to Archaeology

At the end of the course the student should be able to:

- Understand the concept of Archaeology as an ancillary for study of history
- Study the various features of Archaeology in understanding history
- Familiarize with the scope of Archaeology.
- Understand the various tools and techniques imbibed in Archaeology
- Study various schools of disciplines of Archaeology.

  
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## SEMESTER II

### DSC-3 Course Title: Introduction to Medieval World Civilization

At the end of the course the student should be able to:

- Understand the geographic limitations and advantages that contributed to the rise of different civilizations in the Medieval world.
- Get information on the development of religious traditions and organizations in the Medieval world.
- Understand the growth of Feudalism and European towns in the middleages.
- Indicate the causes and impact of the Crusades in the Medieval Europe.
- Derive the influences of Oriental Civilizations on Medieval Europe.
- Illuminate the aspects of Economy and its development in Medieval Western Europe.

### DSC-4 Course Title: History of Medieval India (1206 to 1761)

At the end of the course the student should be able to:

- The students will get the knowledge of the political history of Delhi Sultanate, Mughals and Marathas.
- To analyze the changes in state and society under the Delhi Sultanates with respect to their administrative structure and theory of state/kingship of the Delhi Sultanate.
- Understand the critical historiographical approaches on the State and also the Decline of the Delhi Sultans and Mughal Empire.
- To understand the significance of the Bhakti and Sufi Movements and their impact on the socio-cultural sphere.
- To understand the fusion of art, architecture, literature, language and fine arts in medieval India under Islamic and Hindu styles.

### OE -2 Cultural Heritage of Karnataka

At the end of the course the student should be able to:

- Understand the concept of cultural heritage of Karnataka
- Study various cultural factors which influence the flow of culture
- Familiarize the factors which influenced in influencing culture and society
- Analyze the factors responsible for formation of pluralistic society
- Understand the concept "Unity in diversity"

### OE -2 Manuscriptology

At the end of the course the student should be able to:

- Understand the importance of manuscripts
- Study manuscripts as an ancillary for study of history
- Understand the concept of cataloguing of manuscripts
- Practice the science of conservation and preservation of manuscripts
- Visit libraries and Archives to study conservation and preservation

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## COURSE OUTCOME

### PHYSICS

#### SEMESTER-I

##### Mechanics and Properties of Matter

- CO-1: Will learn fixing units, tabulation of observations, analysis of data (graphical/analytical)
- CO-2: Will learn about accuracy of measurement and sources of errors, importance of significant figures.
- CO-3: Will know how  $g$  can be determined experimentally and derive satisfaction.
- CO-4: Will see the difference between simple and torsional pendulum and their use in the determination of various physical parameters.
- CO-5: Will come to know how various elastic moduli can be determined.
- CO-6: Will measure surface tension and viscosity and appreciate the methods adopted.
- CO-7: Will get hands on experience of different equipment.

#### SEMESTER-II

##### Electricity & Magnetism

- Demonstrate Gauss law, Coulomb's law for the electric field, and apply it to systems of point charges as well as line, surface, and volume distributions of charges.
- Explain and differentiate the vector (electric fields, Coulomb's law) and scalar (electric potential, electric potential energy) formalisms of electrostatics.
- Apply Gauss's law of electrostatics to solve a variety of problems.
- Describe the magnetic field produced by magnetic dipoles and electric currents.
- Explain Faraday-Lenz and Maxwell laws to articulate the relationship between electric and magnetic fields.
- Describe how magnetism is produced and list examples where its effects are observed
- Apply Kirchhoff's rules to analyze AC circuits consisting of parallel and/or series combinations of voltage sources and resistors and to describe the graphical relationship of resistance, capacitor and inductor.
- Apply various network theorems such as Superposition, Thevenin, Norton, Reciprocity, Maximum Power Transfer, etc. and their applications in electronics, electrical circuit analysis, and electrical machines.

  
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## COURSE OUTCOME

### MATHEMATICS

#### SEMESTER – I

##### MATDSCT 1.1: Algebra - I and Calculus – I

This course will enable the students to

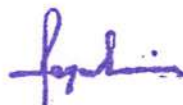
- Learn to solve system of linear equations.
- Solve the system of homogeneous and nonhomogeneous linear of  $m$  equations in  $n$  variables by using concept of rank of matrix.
- Students will be familiar with the techniques of integration and differentiation of function with real variables.
- Students learn to solve polynomial equations.
- Learn to apply Reduction formulae.

#### SEMESTER – II

##### MATDSCT 2.1: Algebra – II {Number Theory} and Calculus – II

This course will enable the students to

- Learn the concept of Divisibility.
- Learn about prime and composite numbers.
- Learn the concept of congruences and its applications.
- Identify and apply the intermediate value theorems and L'Hospital rule.
- Understand the concept of differentiation and fundamental theorems in differentiation and various rules.
- Find the extreme values of functions of two variables.
- Students learn to find areas and volumes using integration.



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## COURSE OUTCOME

### CHEMISTRY

#### Semester – I

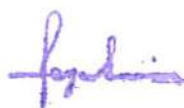
#### CHEMISTRY:1

- The concepts of chemical analysis, accuracy, precision and statistical data treatment
- Prepare the solutions after calculating the required quantity of salts in preparing the reagents/solutions and dilution of stock solution.
- Describe the dual nature of radiation and matter; dual behavior of matter and radiation, de Broglie's equations, Heisenberg uncertainty principle and their related problems.
- Quantum mechanics. Derivation of Schrodinger's wave equation. Radial and angular Orbital shapes of s, p, d and f atomic orbitals, nodal planes. Electronic configurations of the atoms.
- Pauli's exclusion principle, Hund's rule, Aufbau's principle and its limitation.
- The concepts of Organic reactions and techniques of writing the movement of electrons, bond breaking, bond forming
- The Concept of aromaticity, resonance, hyper conjugation, etc.
- Explain bond properties, electron displacement effects (inductive effect, electrometric effect, resonance effect and Hyper conjugation effect). steric effect and their applications in explaining acidic strength of carboxylic acids, basicity of amines.
- Understand basic concept of organic reaction mechanism, types of organic reactions.
- Understand the preparation and reactions of alkanes.
- Understand the stability and conformational analysis of cycloalkanes.
- Understand the concept of resonance, aromaticity and antiaromaticity.
- Describe relative strength of aliphatic and aromatic carboxylic acids.
- Explain the existence of different states of matter in terms of balance between intermolecular forces and thermal energy of the particles. Explain the laws governing behavior of ideal gases and real gases. Understand cooling effect of gas on adiabatic expansion
- Understand the conditions required for liquefaction of gases. Realize that there is continuity in gaseous and liquid state.
- Understand the properties of liquids in terms of intermolecular attractions.
- Understand the existence of different states of matter in terms of balance Between intermolecular forces and thermal energy of the particles. Explain the laws governing behavior of ideal gases and real gases. Understand cooling effect of gas on adiabatic expansion
- Understand the conditions required for liquefaction of gases. Realize that there is continuity in gaseous and liquid state.
- Understand the properties of liquids in terms of intermolecular attractions.

## SEMESTER II

### CHEMISTRY:2

- Understand principles of titrimetric analysis.
- Understand principles of different types of titrations. Titration curves for all types of acids – base titrations.
- Gain knowledge about balancing redox equations, titration curves, theory of redox indicators and applications.
- Understand titration curves, indicators for precipitation titrations involving silver nitrate- Volhard's and Mohr's methods and their differences.
- Indicators for EDTA titrations - theory of metal ion indicators. Determination of hardness of water.
- Understand periodic table, classification and properties of s p d and f block elements
- Understand different scales for the measurement of electro-negativity and factors affecting it.
- Understand the chemistry of the hydrides, carbides, oxides and halides of group 13 to 17.
- Understand nucleophilic substitution at saturated carbon, energy profile diagram stereochemistry and factors affecting SN 1 and SN 2 reactions.
- Aromatic electrophilic substitution reactions like nitration sulphonation Friedel-Crafts reactions
- Understand liquid crystals, classification with examples
- Understand the different forms of solids, laws of crystallography, miller indices and its calculation, X-ray diffraction studies. Bragg's law and its equation
- Defects in solids, properties of glasses and concept of liquid crystals



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## COURSE OUTCOME

### ZOOLOGY

#### SEMESTER I

#### Cytology, Genetics and Infectious Diseases

At the end of the course the student should be able to understand:

- The structure and function of the cell organelles.
- The chromatin structure and its location.
- The basic principle of life, how a cell divides leading to the growth of an organism and also reproduces to form new organisms.
- How a cell communicates with its neighboring cells.
- The principles of inheritance, Mendel's laws and the deviations.
- How environment plays an important role by interacting with genetic factors.
- Detect chromosomal aberrations in humans and study of pedigree analysis.
- To use simple and compound microscopes.
- To prepare stained slides to observe the cell organelles.
- To be familiar with the basic principle of life, how a cell divides leading to the growth of an organism and also reproduces to form new organisms.
- The chromosomal aberrations by preparing karyotypes.
- How chromosomal aberrations are inherited in humans by pedigree analysis in families. The antigen-antibody reaction

#### Open Elective Course Content

#### Economic Zoology

At the end of the course the student will be able to:

- Gain knowledge about silkworms rearing and their products.
- Gain knowledge in Bee keeping equipment and apiary management.
- Acquaint knowledge on dairy animal management, the breeds and diseases of cattle and learn the testing of egg and milk quality.
- Acquaint knowledge about the culture techniques of fish and poultry.
- Acquaint the knowledge about basic procedure and methodology of vermiculture.
- Learn various concepts of lac cultivation.
- Students can start their own business i.e. self-employments.
- Get employment in different applied sectors

  
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## SEMESTER II

### Biochemistry and Physiology

The student at the completion of the course will learn:

- To develop a deep understanding of structure of biomolecules like proteins, lipids and carbohydrates.
- How simple molecules together form complex macromolecules.
- To understand the thermodynamics of enzyme catalyzed reactions.
- Mechanisms of energy production at cellular and molecular levels.
- To understand various functional components of an organism.
- To explore the complex network of these functional components.
- To comprehend the regulatory mechanisms for maintenance of function in the body.
- Basic structure of biomolecules through model making.
- Develop the skills to identify different types of blood cells.
- Enhance basic laboratory skill like keen observation, analysis and discussion.
- Learn the functional attributes of biomolecules in animal body.
- Know uniqueness of enzymes in animal body and their importance through enzyme kinetics.

### Open Elective Course Content

#### Parasitology

- Know the stages of the life cycles of the parasites and infective stages.
- Develop ecological model to know population dynamics of parasite, establishment of parasite population in host body, adaptive radiations and methods adopted by parasite to combat with the host immune system.
- Develop skills and realize significance of diagnosis of parasitic infection and treatment.
- Understand about diseases caused by Protozoa, Helminthes, Nematodes and Arthropods at molecular level.
- Develop their future career in medical sciences and related administrative services.



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## COURSE OUTCOME

### FAMILY RESOURCE MANAGEMENT

#### SEMESTER- I

#### PRINCIPLES OF HUMAN DEVELOPMENT (DSC-1)

At the end of the course the student should be able to:

- Understand the concept and principles underlying growth and development, interrelatedness of domains of development, Interplay of Hereditary and Environment
- Helps to apply the concept and theories of Human Development to real life situation
- Understand and able to evaluate research approaches and methods used in studying Human Development and Behaviours

#### PRENATAL DEVELOPMENT AND CARE (OE- 1 A)

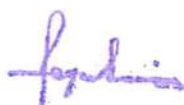
At the end of the course the student should be able to:

- Understand prenatal development, factors affecting growth and development of fetus, prenatal assessment and screening, etc.
- Identify the prenatal complication and care
- Ability to help the pregnant women to change and adopt healthy lifestyle.

#### INFANT DEVELOPMENT AND CARE (OE- 1B)

At the end of the course the student should be able to:

- Understanding of newborn behavior and capacities, Factors Influencing growth and development of Infants
- Demonstrate an understanding of the issues related to infant assessment and to identify the infants at risk conditions
- Guide the needy people to benefits the programs meant for infants



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## **SEMESTER-II**

### **LIFE SPAN DEVELOPMENT – 1 (PRENATAL TO ADOLESCENCE) (DSC- 2)**

At the end of the course the student should be able to:

- To identify the age appropriate developments and delays in all age group.
- It enables to compare and contrast various issues that affect development, such as class, ethnicity, and culture.
- To identify the critical issues faced and adjustment.

### **EARLY CHILDHOOD – HEALTH, NUTRITION AND EDUCATION (OE- 2A)**

- To gain the insight into early childhood development and factors influencing the developments
- To identify the health, nutrition and educational needs during early childhood years.
- Critical evaluate the intervention programme related health, nutrition and education of young children.

### **CHILDHOOD BEHAVIOURAL PROBLEMS (OE- 2A)**

- Able to identify the normal and problematic behaviours that occur in children
- Acquire the skills to plan and conduct the educational or intervention program involving parents and teachers
- Sensitive enough to understand the unmet emotional needs and role of parents/teachers in managing the children with emotional and behavioural problems.

  
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## COURSE OUTCOME

### PSYCHOLOGY

#### PAPER – I: FOUNDATIONS OF PSYCHOLOGY – I

- Students will understand the genesis of Psychology and its importance
- Students will gain basic knowledge about Psychology
- Students will understand the fundamental mental processes which are base for behaviour
- . Students understand the Applications of Psychology in various fields

#### OPEN ELECTIVE COURSE (OEC)

##### PSYCHOLOGY OF HEALTH AND WELLBEING

- Understanding the spectrum of health and illness for better health management
- Identifying stresses in one's life and how to manage them
- Understanding a variety of health announcing health protective and health compromising behaviours and to be able to know their application in illness management

##### LIFE SKILLS: 1

- Understand the need and importance of life skills in everyday professional and personal lives
- Analyse the factors contributing to develop self awareness, empathy, critical and creative thinking and enhance decision making and problem solving
- Solve professional and personal barriers using efficient critical and creative thinking and effective decision making and problem solving
- Create individual effective strategies to develop self awareness, empathy , critical and creative thinking and enhance decision making and problem solving

##### DSC2: FOUNDATION OF BEHAVIOUR WITH PRACTICAL (6)

- To understand the dynamics of emotions and motivation.
- To understand theoretical concepts of Human Intelligence.
- To analyse and relate the concepts of thinking, problem solving, reasoning and
- Decision making to cognition To understand and classify the different types of Personality.
- evaluate and understand the different human emotions critically evaluate and identify determinants of motivation
- compare and contrast different theories of intelligence
- differentiate the human personalities

  
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## LIFE SKILLS: 2

- Understand the foundations of communication, positive interpersonal relationship, stress and emotion management and group dynamics
- Analyse the factors contributing to effective communication, positive interpersonal relationships and effective stress and emotional management
- Apply the principles of effective communication, positive interpersonal relationships and effective stress and emotional management in everyday life
- Create individual effective strategies for enhancing communication skills, maintaining health interpersonal relationships and positive management of stress and emotions



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## COURSE OUTCOME

### COMPUTER SCIENCE

#### COMPUTER FUNDAMENTALS AND PROGRAMMING IN C

- Confidently operate computers to carry out computational tasks Understand working of Hardware and Software and the importance of
- operating systems Understand programming languages, number systems, peripheral devices,
- networking, multimedia and internet concepts
- Read, understand and trace the execution of programs written in C language
- Write the C code for a given problem• Perform input and output operations using programs in C
- Write programs that perform operations on arrays, strings , structures, unions and functions

#### DATA STRUCTURES USING C

- Describe how arrays, records, linked structures, stacks, queues, trees, and
- graphs are represented in memory and used by algorithms
- Describe common applications for arrays, records, linked structures, stacks, queues, trees, and graphs
- Write programs that use arrays, records, linked structures, stacks, queues, trees, and
- graphs Demonstrate different methods for traversing trees
- Compare alternative implementations of data structures with respect to performance
- Describe the concept of recursion, give examples of its use
- Discuss the computational efficiency of the principal algorithms for sorting and searching

## COURSE OUTCOME

### HUMAN DEVELOPMENT

#### PRINCIPLES OF HUMAN DEVELOPMENT (DSC-1)

- Understand the concept and principles underlying growth and development, interrelatedness of domains of development, Interplay of Hereditary and Environment
- Helps to apply the concept and theories of Human Development to real life situation
- Understand and able to evaluate research approaches and methods used in studying Human Development and Behaviours

#### PRENATAL DEVELOPMENT AND CARE (OE- 1 A)

- Understand prenatal development, factors affecting growth and development of fetus, prenatal assessment and screening, etc.
- Identify the prenatal complication and care

  
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- Ability to help the pregnant women to change and adopt healthy lifestyle

#### **INFANT DEVELOPMENT AND CARE (OE- 1B)**

- Understanding of newborn behaviour and capacities, Factors Influencing growth and development of Infants
- Demonstrate an understanding of the issues related to infant assessment and to identify the infants at risk conditions
- Guide the needy people to benefits the programs meant for infants

#### **LIFE SPAN DEVELOPMENT – 1**

- To identify the age appropriate developments and delays in all age group.
- It enables to compare and contrast various issues that affect development, such as class, ethnicity, and culture.
- To identify the critical issues faced and adjustment

#### **EARLY CHILDHOOD – HEALTH, NUTRITION AND EDUCATION (OE- 2A)**

- To gain the insight into early childhood development and factors influencing the developments
- To identify the health, nutrition and educational needs during early childhood years.
- Critical evaluate the intervention programme related health, nutrition and education of young children

#### **CHILDHOOD BEHAVIOURAL Problems (OE- 2A)**

- Able to identify the normal and problematic behaviours that occur in children
- Acquire the skills to plan and conduct the educational or intervention program involving parents and teachers
- Sensitive enough to understand the unmet emotional needs and role of parents/teachers in managing the children with emotional and behavioural problems

  
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## COURSE OUTCOMES

### UNDER GRADUATION IN ENGLISH & OPTIONAL ENGLISH

#### INTRODUCTION TO LITERATURE

- Correctly define commonly used literary terms and concepts and use those terms and concepts to discuss and analyze works of literature.
- Identify structural elements of works of poetry, fiction, and drama, and analyze how those elements help create specific meanings and effects.
- Compare works of literature in terms of theme, structure, and use of literary devices

#### INDIAN WRITING IN ENGLISH: PART- I

- Speak, explain and critically understand IWE
- Identify the historical trajectories of various genres of IWE
- Critically engage with IWE from various historical and social positions.

#### INTRODUCTION TO PHONETICS AND LINGUISTICS

- Identify and understand the basic concepts of language, linguistics and phonetics
- Comprehend and be able to use the various structures and parts of a language
- Understand and put into practice the various functions of language

#### INDIAN WRITING IN ENGLISH: PART-II POST-INDEPENDENCE PERIOD

- Identify the evolution in Indian writing in English
- Understand, speak and write about the writers and writings of the post-independence period in India.

#### SPOKEN ENGLISH FOR CORPORATE JOBS

- This paper teaches them the skills in the front desk management.
- It introduces them to business English.

#### TRANSLATION THEORY AND PRACTICE

- This paper aims at teaching the students English language through literature.
- It teaches them communication skills.

#### LANGUAGE

- To trace out the history of English Language and varied components of linguistic structures of the language.
- Grammar for Communication
- To gain knowledge on fundamental principles of English grammar including parts of speech, sentence types, sentence analysis, simple/compound/complex sentences, subject-verb agreement, pronoun usage, punctuation, capitalization etc.
- Indian Writing in English
- To learn the literary, societal, cultural, biographical and historical background of the greatest English writings penned by Indian Authors.
- Indian Literature in English Translation

- To know the basic principles in translation, issues faced by translators and the popularity gained through target language. Project Work The aim of the Project work is to acquire practical knowledge on the implementation of perceptions studied through the programme.



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**COURSE OUTCOMES**  
**(LANGUAGES)**

**HINDI**

- Students can work anywhere in India, as they know Hindi – Our National Language. In many other countries also, Hindi is used as an Official Language as well as second Language. So they can easily be employed easily in those countries also.
- As they are Practicing Translation from Hindi to English and English to Hindi and some other Languages as well, they can become Translators in many Central Govt Offices.
- They are learning Poetry and Grammar -so they can become creative writers or poets are authors.
- By Reading and observing Drama&#39;s and one act plays they can become good actors. By having good communication skills and command over language one can becomes good speaker.
- Having good command over particular language one can present himself in better way. Learning Hindi in non-hindi region definitely one can achieve anything.

**KANNADA**

**POETRY ,NOVEL AND LETTERWRITING**

- The students will learn the writhing style through poem of ONV Kuruppu, his inclination to nature and romantic approach
- Get acquainted with contemporary Novel
- help students to prepare a job application.
- Essay writing helps the students to improve their writing skills and general knowledge regarding current issues.

**MODERN KANNADA POETRY, KANNADA SHORT STORIES AND TRAVELOGUE**

- More sensitized perception of the world and self, enhances language skill.

**Drama thalikattokkuline(Kailasam) Novel- Jugari Cross(Thejasvi)  
Napakachithra shale(DVG)**

- Sensitization towards imbibing concern for the people around, to develop critical thinking.

**Medivalkannada literature, Malenadinachithragalu(Kuvempu) and language component**



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- Students are made aware of the harsh social realities born out of the hierarchical Indian social system. These creative works are known for their very high aesthetic appeal.

**Old kannada literature, anthagoly of vaicharikalekhangalu and language component.**

- To help the students to grow in human values and understand the rich tradition of kannada literature.

**MALAYALAM**

Study of language helps to grasp information from other languages and understand their culture and values. Being the mother tongue, the learning of Malayalam helps to understand the cultural, Social, historical, religious, Philosophical background of Kerala. The study of language helps to understand the various dialects within the state. Moreover the students are able to participate in various cultural festivals related to Kerala culture and they are well versed in literary aspects also.

  
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## PROGRAM OUTCOME (NEP)

### DEPARTMENT OF COMMERCE

- To develop the skills required for the application of accounting concepts and techniques learned in the classroom at the workplace.
- To provide competent and technical skills personnel to the industry in the area of Accounting, Finance, Taxation, Cost and Management Accounting.
- To enhance the employability skills of the commerce students.
- To enhance the capability of the students improve their decision-making skills.
- To enhance the capability of the students to make decisions at personal and professional level.
- To encourage entrepreneurship among students pursuing education in the field of Commerce.
- To empower students for pursuing professional courses like Chartered Accountancy, Cost and Management Accountancy, Company Secretary, etc.,
- To ensure holistic development of Commerce students.



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## PROGRAM OUTCOME

### BBA

- To develop the skills required for the application of business concepts and techniques learned in the classroom at the workplace.
- To provide competent and technical skills personnel to the industry in the area of Marketing, Finance, Human Resource, Data Analytics, Retailing and Logistics And Supply Chain Management. To enhance the employability skills of the management students.
- To enhance the capability of the students improve their decision-making skills.
- To encourage entrepreneurship among students pursuing education in the field of Business Administration.
- . To empower students for pursuing professional courses like MBA, Chartered Accountancy, Company Secretary, etc.,
- To ensure holistic development of Business administration students.



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## PROGRAM OUTCOME

### ECONOMICS

- The Programme outcomes (POs) are expected to be as under:
- Students will be able to understand economic vocabulary, methodologies, tools and analysis procedures.
- Students will be familiar with the knowledge and application of micro economics for the formulation of policies and planning.
- Students will learn to apply economic theories and concepts to contemporary social issues, as well as analysis of policies.
- Students will be able to understand the impact of government policies and will be able to assess the consequences of the policies on the parties involved.
- As the programme along with economics contains like statistics, mathematics, it enhances them to compute and assess the real situation of the economy including the size and changes of population, income pattern, and rate of development with pattern of savings and investments and social security measures adopted in the country.
- Understand the basics of Quantitative techniques their applications
- Critically evaluate the ongoing economic developments in India and abroad
- Understand research methods in economics
- Student develops an awareness of career choices and the option for higher studies.

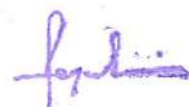


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## PROGRAM OUTCOME

### POLITICAL SCIENCE

- Political Science and society – Understanding the relationship between policy making decision and its effects on society. This is achieved through a comprehensive teaching of the practice of public administration in India.
- Critical thinking – ability to analyse and predict socio political phenomena based on the study of existing socio economic determinants and past experiences.
- Effective citizenship-the course curriculum inculcates among students a basic understanding of the rights and duties of citizenship and thereby to act as responsible citizens.
- Analysing the Indian Constitutional provisions, legislations and reforms
- Critical Evaluation of social, economic and political variables for a proper understanding of the plurality of Indian Society
- Building overall consciousness about national political history. It also helps the students to understand Regional, National and International Relations.
- It helps the students to understand the Ideology of Political thinkers
- Developing Knowledge of administrative studies with special reference to Indian administrative structures and practices.



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## PROGRAM OUTCOME

### SOCIOLOGY

- Understand the nature and role of sociology in a changing world
- Comprehend the uniqueness of sociological imagination in the study of real world
- Recognise different perspectives of perceiving the workings of social groups
- Differentiate between sociology's two purposes - science and social reform
- Express one's understanding of current social issues in oral and written forms



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## PROGRAM OUTCOME

### PHYSICS

- Discipline Knowledge: Knowledge of science and ability to apply to relevant areas.
- Problem solving: Execute a solution process using first principles of science to solve problems related to respective discipline.
- Modern tool usage: Use a modern scientific, engineering and IT tool or technique for solving problems in the areas of their discipline.
- Ethics: Apply the professional ethics and norms in respective discipline.
- Individual and teamwork: Work effectively as an individual as a team member in a multidisciplinary team.
- Communication: Communicate effectively with the stake holders, and give and receive clear instructions.



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## PROGRAM OUTCOME

### MATHEMATICS

- **Disciplinary Knowledge :** Bachelor degree in Mathematics is the culmination of in-depth knowledge of Algebra, Calculus, Geometry, differential equations and several other branches of pure and applied mathematics. This also leads to study the related areas such as computer science and other allied subjects.
- **Communication Skills:** Ability to communicate various mathematical concepts effectively using examples and their geometrical visualization. The skills and knowledge gained in this program will lead to the proficiency in analytical reasoning which can be used for modeling and solving of real life problems.
- **Critical thinking and analytical reasoning:** The students undergoing this programme acquire ability of critical thinking and logical reasoning and capability of recognizing and distinguishing the various aspects of real life problems.
- **Problem Solving :** The Mathematical knowledge gained by the students through this programme develop an ability to analyze the problems, identify and define appropriate computing requirements for its solutions. This programme enhances students overall development and also equip them with mathematical modelling ability, problem solving skills.
- **Research related skills:** The completing this programme develop the capability of inquiring about appropriate questions relating to the Mathematical concepts in different areas of Mathematics.
- **Information/digital Literacy:** The completion of this programme will enable the learner to use appropriate softwares to solve system of algebraic equation and differential equations.
- **Self – directed learning:** The student completing this program will develop an ability of working independently and to make an in-depth study of various notions of Mathematics.
- **Moral and ethical awareness/reasoning: :** The student completing this program will develop an ability to identify unethical behavior such as fabrication, falsification or misinterpretation of data and adopting objectives, unbiased and truthful actions in all aspects of life in general and Mathematical studies in particular.
- **Lifelong learning:** This programme provides self directed learning and lifelong learning skills. This programme helps the learner to think independently and develop algorithms and computational skills for solving real word problems.
- **Ability to peruse advanced studies and research in pure and applied Mathematical sciences.**



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## PROGRAM OUTCOME

### CHEMISTRY

- To create enthusiasm among students for chemistry and its application in various fields of life.
- To provide students with broad and balanced knowledge and understanding of key concepts in chemistry.
- To develop in students a range of practical skills so that they can understand and assess risks and work safely measures to be followed in the laboratory.
- To develop in students the ability to apply standard methodology to the solution of problems in chemistry.
- To provide students with knowledge and skill towards employment or higher education in Analytical chemistry or multi-disciplinary areas involving chemistry.
- To provide students with the ability to plan and carry out experiments independently and assess the significance of outcomes and to cater to the demands of chemical Industries of well-trained graduates.
- To develop in students the ability to adapt and apply methodology to the solution of unfamiliar types of problems.
- To instill critical awareness of advances at the forefront of chemical sciences, to prepare students effectively for professional employment or research degrees in chemical sciences and to develop an independent and responsible work ethics.



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## PROGRAM OUTCOME

### ZOOLOGY

- The Programme offers both classical as well as modern concepts of Zoology in higher education.
- It enables the students to study animal diversity in both local and global environments.
- To make the study of animals more interesting and relevant to human studies more emphasis is given to branches like behavioural biology, evolutionary biology and economic zoology.
- More of upcoming areas in cell biology, genetics, molecular biology, biochemistry, genetic engineering and bioinformatics have been also included.
- Equal importance is given to practical learning and presentation skills of students.
- The lab courses provide the students necessary skills required for their employability.
- Skill enhancement courses in classical and applied branches of Zoology enhance enterprising skills of students.
- The global practices in terms of academic standards and evaluation strategies.
- Provides opportunity for the mobility of the student both within and across the world.
- The uniform grading system will benefit the students to move across institutions within India to begin with and across countries.
- It will also enable potential employers in assessing the performance of the candidates across the world.




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## PROGRAM OUTCOME

### HUMAN DEVELOPMENT AND FAMILY STUDIES(HDFS)

- Demonstrate an understanding of the complexity of human growth and development in diverse bio-socio-cultural contexts and changing environments.
- Learn how individuals develop-biologically, intellectually, emotionally, socially and spiritually highlighting individual, gender and cultural differences.
- Design, implement and evaluate early childhood programs – special/inclusive and playbased early learning curriculum and activities that support children’s holistic development.
- Demonstrate pedagogical practices that are connected to theoretical approaches of learning, thinking and teaching in the field of early childhood care and education and specially abled children
- Use their own knowledge, appropriate early learning outcomes, and other resources to design, implement, and evaluate developmentally meaningful and challenging learning materials for children and infants.
- Study individuals and families in diversified contexts and learn how the ecological systems (family, peer, school, workplace, community and culture) influence or interact with each other to bring the changes in growth and development, health and wellbeing of individuals and families.
- Solid understanding of problems across the stage of development such as marital maladjustment, family crisis, child, spouse and elder abuse, substance use, and divorce, etc.
- Learn skills for helping individuals, families, or groups through prevention programs and other intervention techniques, in addition to examining specific problems and understanding how human service agencies and professionals deal with these problems.
- Graduates work in careers that promote healthy development and positive familyfunctioning across the lifespan, such as: a Social Services Case Worker, Provider atResidential Treatment Center, Youth Organization Worker, Program Director for Youth, Family or Senior Citizen Center.
- Demonstrate an ability to evaluate and apply research and theory to practice, analyzeprocesses, policies, and contextual factors that affect the delivery of human services to individuals and families.
- Demonstrate professional, ethical, and culturally sensitive standards of conduct research in human development and family studies.
- Demonstrate the ability to develop resources and initiatives (programs) using appropriate strategies to support the well-being of children, families, schools, and communities through presentations, research, and service-learning.

  
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## PROGRAM OUTCOME

### PSYCHOLOGY

- Think critically by exercising sociological imagination
- Question common wisdom, raise important questions and examine arguments
- Collect and analyze data, make conclusions and present arguments
- Think theoretically and examine the empirical data
- Skillfully Participate in Research Groups and market Research Firms
- Serve in Development Agencies, Government Departments and Projects
- Be a Social Entrepreneur, Community Worker, Survey Designer, Research Analyst, Social Statistician
- Transfer Skills as a Teacher, Facilitator of Community Development
- Competent to make a difference in the community



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## PROGRAM OUTCOME

### COMPUTER SCIENCE

- Discipline knowledge: Acquiring knowledge on basics of Computer Science and ability to apply to design principles in the development of solutions for problems of varying complexity
- Problem Solving: Improved reasoning with strong mathematical ability to Identify, formulate and analyze problems related to computer science and exhibiting a sound knowledge on data structures and algorithms.
- Design and Development of Solutions: Ability to design and development of algorithmic solutions to real world problems.
- Programming a computer: Exhibiting strong skills required to program a computer for various issues and problems of day-to-day scientific applications.
- Application Systems Knowledge: Possessing a minimum knowledge to practice existing computer application software.
- Communication: Must have a reasonably good communication knowledge both in oral and writing.
- Ethics on Profession, Environment and Society: Exhibiting professional ethics to maintain the internality in a working environment and also have concern on societal impacts due to computer-based solutions for problems.
- Lifelong Learning: Should become an independent learner. So, learn to learn ability.
- Motivation to take up Higher Studies: Inspiration to continue educations towards advanced studies on Computer Science.



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## **PROGRAM OUTCOME**

### **UNDER GRADUATION IN ENGLISH & OPTIONAL ENGLISH**

#### **PROGRAMME OUTCOME :**

Demonstrate a broad awareness of texts and their historical cultural context in English/American/ and World Literature while recognizing that Literature has a pivotal role in social change. To inculcate appreciation for interconnectedness and inter disciplinarily of all knowledge.

- On successful completion, the students acquire competency in both oral and written communication.
- Learn to apply critical framework to analyse the linguistic, cultural and historical background of texts written in English.
- Recognise and familiarize with the convention of diverse textual genres including fiction, non-fiction, poetry, autobiography, journal, plays, etc.



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**PROGRAM OUTCOMES, PROGRAM SPECIFIC OUTCOMES, COURSE  
OUTCOMES**

**(LANGUAGES)**

**HINDI**

- Developing reading, writing, speaking and listening skills.
- Availing the job opportunities in translation.
- Increasing the critical attitude about literary writing.
- Creating an interest in literature.
- Imbuing the literary research attitude.

**KANNADA**

- The students will learn the writhing style through poem of ONV Kuruppu, his inclination to nature and romantic approach
- get acquainted with contemporary Novel
- help students to prepare a job application.
- Essay writing helps the students to improve their writing skills and general knowledge regarding current issues.

**MALAYALAM**

The syllabi designed for program is intended to train the imagination and capacity to think critically and creatively about the world and their own country through the study of poetry, prose, dramatic, linguistic, narratology and aesthetics in Malayalam language and literature.

Malayalam language tries to make the student community to study literature as well as culture, poetry, Epistemology, Sanskrit language and literature.

Malayalam language is offered as a second language for the various UG courses such as B.A, B.SC, B.COM, and B.B.A. These course consists of various combinations of different subjects. Learning language develops the skill of reading, writing, expression, appreciation and better way of communication.

  
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