

U.G. Program Outcome

I. Program Outcome of Bachelor of Arts

Students seeking admission for B.A. programme are expected to imbue with following quality which helps them in their future life to achieve the expected goals.

- a. Realization of human values.
- b. Sense of social service.
- c. Responsible and dutiful citizen.
- d. Critical temper
- e. Creative ability.

II Programmes Specific Outcomes (PSO's)

B.A. (HINDI)

Programmes Specific Outcomes (PSO's)

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

B.A.(ENGLISH)

Programmes Specific Outcomes (PSO's)

A student, who has taken admission into this program of B.A with English as Specific subject of study is expected to target on following outcomes.

- a. Improving LSRW skills
- b. Basic knowledge of English as a Language.
- c. Major knowledge of English as Literature.
- d. Basic skills of acquiring English language.
- e. Critical study of English Literary studies.
- f. Relation between pleasure of literature and real life situations.

Course Outcomes (CO's)

1. Spoken communication and written communication.
2. Writing of Resume, letters of application, business letters.
3. Writing News-report, Essay, paragraph, review, etc.
4. Narration of experience, daily routine.
5. Interview Techniques.
6. Understanding and interpretation of poem, prose, essay, short stories, etc

(Optional English)

1. aesthetics of literature
2. Pleasure of literacy forms such as novel, poem, play, and essay.
3. Critical understanding of literature.
4. Relation between literature and real life experiences.

B.A. ECONOMICS

Programme Specific Outcomes of Economics

- 1 Understanding how different degrees of competition in a market affect pricing and output.
- 2 Understanding the efficiency and equity implications of market interference, including government policy.
- 3 Developing research knowledge in economics.
- 4 Developing the skill of data collection & use of sampling techniques in research.
- 5 Developing the knowledge about theories of economic growth &
- 6 Development and issues of economic planning.

Course Outcomes of Economics

- 1 Understanding characteristics, features, structural changes in Indian Economy.
- 2 Comprehension of the nature and impact of New Economic Reforms on the Indian Economy.
- 3 Knowing the problems of unemployment, poverty, rising economic and social inequality and problems of regional imbalances in India.
- 4 Understanding the meaning, function and role of commercial banking.
- 5 Comprehending the procedure of an account opening, operating and closing.
- 6 Knowing the structure, function and role of RBI in economic development.
- 7 Judging the progress of financial inclusion.
- 8 Evaluating the importance, characteristics and components of the financial Market.
- 9 Understanding the role and types of development banks and Non banking financial intermediaries.
- 10 Identifying the basic concepts and theories of Macro economics.
- 11 Awareness about changing macro economics policies and theories.
- 12 Understanding various concepts such as; GDP, GNP NNP, Personal
- 13 Income, Disposable Income, Per Capita Income, and National Income.
- 14 Knowing the decision making of consumer.
- 15 Identifying the nature of revenue and cost of production.
- 16 Comprehending the demand function and production function.
- 17 Understanding the basic framework of research process.
- 18 Defining various research designs and techniques.
- 19 Identifying various sources of information for literature review and data collection.
- 20 Acquaintance with the economic thoughts of Classical, Nationalist and Socialist Thinkers.

B.A. SOCIOLOGY

Program Specific Outcomes:

- a) Acquaintance with social transactions, social relations, social formations, social control, social values and culture.
- b) Knowing the significance of social institution, caste system, religion, nationalism, integrity, equality and justice.
- c) Getting the knowledge of the works of social reformers all over the nation.
- d) Ability to follow new stream of thoughts and theories of social thinkers.
- e) Getting the deep knowledge about various social groups like tribal community, women bulk etc.

f) Ability to deal with research in sociology.

Course outcomes

1. Introduction to the basic concept of Sociology ,subject matter & importance of Sociology and origin and development of sociology
2. Understanding in brief the knowledge of human Society and Sociology.
3. Getting acquainted with the structure and changing nature of Indian society
4. Introduction to major Social Problems and challenges before the problem of the Indian society.
5. Awareness of Contemporary Social Problems in India.
6. Acquaintance with the great social reformers and their contribution to the Social change.
7. Understanding the Ideal thoughts of social reforms in order to contribute to social evolutionary movement
8. Acquaintance with the sociological thought of the Pioneers of Sociology.
9. Making awareness of the perennial of structure versus agency.
- 10 Imparting basic Research Skills
11. Understanding the profile of Rural Community
12. Acquaintance with the structure of industry and industrial society.
13. Introduction to the industrial organization and it's functioning.
14. Providing the conceptual understanding about anthropology
15. Introduction to the diversification in Indian society through the different ideologies given by various Indian Sociologists.
16. Sensitization of the contemporary Indian issues different
- 17 Imparting basic Research Skills
18. Introduction the Indian Rural Social Structure
19. Understanding the workers' role and workers' relations with industrial organization.
20. Analysing the changing trends in industrial relations.
21. Understanding the economic and developmental aspects of tribal's in India.
22. Analysing the tribal problems

B.A. POLITICAL SCIENCE

Program Specific Outcomes

1. Knowledge about political system of the nation.
2. Study of national and international political affairs.
3. Study from competitive examination point of view.
4. Understanding the government mechanism, its functions, duties and responsibilities.
5. Creating appropriate and efficient political leaders.
6. Getting knowledge of political law.
7. Getting knowledge of Constitution of India

Course Outcomes

1. Acquiring the knowledge about Indian Constitution.
2. Getting awareness about one's rights and duties.
3. Getting information about political parties and system of justice in India.
4. Knowing about the problems and challenges in Indian politics.

5. Getting information about the historical survey the formation of Karnataka State.
6. Study of the local governing mechanism.
7. Developing leadership at local level.
8. Study of the Indian Political Thinking and their thoughts.
9. Study of the administrative system of the nation.

10. Getting information about the system of the Constitution and Government
11. Study of different constitutions comparatively.
12. Study of the international political system.
13. Study of the international & regional organizations.
14. Study of the relations of India with neighboring countries.

BACHELOR OF COMMERCE (B.COM)

Program Outcomes

Students who have taken admission to this program of B.Com are expected to concentrate upon the following outcomes.

- a. Commercial sense.
- b. Develop managerial skills.
- c. Entrepreneurial skill.
- d. Budgeting policy.
- e. Human Resources Management.
- f. Develop Numerical ability.
- i. Well versed with business regularity framework.

Program Specific Outcomes:

ACCOUNTANCY

1. Understanding basic concepts of accountancy, principles of accountancy and accounting cycle to maintain accounts of trading & non-trading organizations.
2. Getting acquainted with the procedure of preparation of income statements, retained earnings, balance sheet and statement of cash flows which are required for external users and more useful to managers for managerial decision making.
3. Inculcating different skills for analysis and interpretation of financial data to understand financial health of an organization and ensure that resources are being used to achieve the organizations objectives.
4. Developing knowledge about cost ascertainment and fixation of selling price and cost control.
5. Obtaining the knowledge of various provisions of Income Tax Act and their applications in computations of taxable income of an individual under different heads of income.
6. Getting working knowledge of generally accepted auditing procedure, techniques and skills.

Course Outcomes

English for Business Communication

1. Spoken communication and written communication.
2. Writing of Resume, letters of application, business letters.
3. Writing News-report, Essay, paragraph,, Review, etc.
4. Narration of experience, daily routine.
5. Interview Techniques.
6. Understanding and interpretation of poem, prose, essay, short stories, etc.

Business Economics:

1. Understanding the link between business economics and business decision.
2. Realizing the importance of demand forecasting and method of demand forecasting.
3. Justifying the demand function and production function.

Financial Accounting:

- 1 Understanding the concepts of financial Accounting
- 2 Exposure to nature and advantages of Accounting, Accounting concepts and conventions.
3. Introduction to Accounting standards in India

Principles of Business Management:

1. Supporting to Achieve Group Goals.
2. Knowledge about motivating employees by providing financial and nonfinancial incentives.
3. Evaluating the economic growth and development of an organization.

Principle of Marketing:

1. Enhancing the skill of marketing among students.
2. Providing different techniques of marketing for increase of sales.
3. Creating the sense how to behave in the market while buying or selling of product.

Insurance:

1. Knowledge about importance of life insurance in own/family life And General Insurance in Trade & commerce.
2. Knowledge about business procedure of different Insurance Companies
3. Creating ability to handle critical situation and security about different perils (like fire, theft) and getting procedure of compensation.

Corporate Accounting

1. Exposure to the issue of shares and debentures of the company
2. Attainment of knowledge about accounting procedure of company final Account.
3. Understanding the accounting procedure amalgamation and absorption of company
4. Ability to get the knowledge about valuation of shares.
5. Understanding the accounts procedure of liquidation of Ltd. company.

Business Economics

1. Understanding the basic concepts and theories of Macro economics.
2. Awareness about changing macro economics policies and theories.
3. Justifying various concepts such as; GDP, GNP NNP, Personal Income, Disposable Income, Per Capita Income, and National Income.

Money and Financial System

1. Understanding the nature, functions and issues related to money, banking and non banking financial intermediaries and financial system.
2. Knowing about changing role of banking and financial intermediaries in the process of growth & development.
3. Realization of the term structure, role and functions of RBI, NBFIs, Development Banks, Commercial Banks, Money Market, Capital Market and Forex Market.
4. Getting knowledge about changing paradigms in Indian Banking (E Banking, Mobile Banking Tele Banking, Core Banking – Retail Banking - ATM, Credit Card and Debit card, Kisan card).

Fundamentals of Entrepreneurship

1. Motivating to acquire the skill to be an Entrepreneur
2. Creating Entrepreneurial skill among the students.
3. Creating awareness among students about self employment/own business.
4. Providing various innovative business ideas to the society.
5. Developing a skill of stability in the business at critical situation.

Business statistics

1. Making familiar with statistical tools which are relatively used in business.
2. Imparting the ability to collect present, analyze and interpret data.
3. Ability to predict trend values by using list square methods in regression.

Modern Management Practices

1. Knowing about the growing size and complexity of business.
2. Getting known with good working environment and conditions.
3. Explanation about how to reduce wastage and increase efficiency.

Business Regularity Framework

1. Introduction to Business Law as well as other Laws.
2. Achieving the knowledge of Law.
3. Knowing the rights and liability of every citizen regarding society.
4. Awareness of legal liability.

Business Environment

1. Understanding business environment at national and international level.
2. Knowledge about agricultural development, industrial development and service sector development in India.
3. Discussing the problems of Indian economy.

Co-operative Development

1. Understanding the principles of co-operation and co-operative movement in India.
2. Knowing the structure, types, functions, problems and remedies agricultural and Non-agricultural Credit Co-operative institutions.
3. Getting known with Co-operative credit movement in post- independence period.

Advanced Accountancy

1. Knowledge about various provision of Banking Regulation Act for maintenance of Bank final accounts.
2. Knowledge about the accounting procedure of Hire purchase system of sales.
3. Calculation of fire insurance claim under loss of stock policy and loss of profit policy
4. Knowledge about the Firm Accounting procedure.

Cost Accounting

1. Creating logical thinking power.
2. Creating ability to take decision at different level of production activity like make or buy, project launching etc.
3. Developing knowledge among students about cost ascertainment and fixation of selling price and cost control.

Advanced Banking

1. Introducing banking law and practice in relation to the banking system in India.
2. Developing the capability of students for knowing banking system, regulatory framework, banker- customer relationship and banking services.
3. Understanding the legal aspects of banking transactions and its implications as banker and customer.
4. Knowing the banking services and remittances.

Industrial Management

1. Understanding about work for maximum outputs.
2. Knowing about mobilization of best talents.
3. Motivation of employees
4. Improving standard of living.
5. Ample job opportunity.

BACHELOR OF SCIENCE (B.Sc)

Program Outcomes

Students taking admission to this program of B.Sc. are expected to get equipped with following outcomes:

- a Explaining the basic scientific principles and methods .
- b. Inculcating scientific thinking and awareness among the student.
- c. Ability to communicate with others in regional language and in English.
- d. Ability to handle the unexpected situation by critically analyzing the problem.
- e. Understanding the issues related to nature and environmental contexts and sustainable development.

B.Sc- (Chemistry)

Program Specific Outcomes

- 1 Creating interest in environmental issue.
- 2 Increasing working knowledge of instruments.
- 3 Obtaining the knowledge of pharmaceutical tables
- 4 Social awareness about the quality of water.
- 5 Increasing the practical skill of the students
- 6 Awareness about plastic garbage.

Course Outcomes

Physical chemistry

- 1 Developing problem solving skills.
- 2 Developing scientific knowledge.
- 3 Developing working knowledge of instrument.

Inorganic Chemistry

1. Developing ability to apply the knowledge on contents of principles of chemistry.
2. Developing the power of appreciation, the achievement in chemistry and role in nature and society.

Organic Chemistry :

1. Developing spectral knowledge.
2. Developing proper aptitude towards the subject.
3. Creating scientific approach towards various chemical reactions.

Analytical Chemistry

1. Exposure to different processors used in Industries and their applications.
2. Developing ability to acquire the knowledge of terms, facts, concepts, processors, technique and principles of subject.

B.Sc- (Computer Science)

Program Specific Outcomes

- A. Effectively communicating computing concepts and solutions to bridge the gap between computing industry experts and business leaders to create and initiate innovation.
- B. Ability to use approximately system design notations and apply system design engineering process in order to design, plan and implement software systems.
- C. preparing for a career in an information technology oriented business or industry or for graduate study in computer science or other scientific or technical fields.
- D. Ability to complete successfully to program small –to-mid-size programs on their own.
- E. Effectively utilizing the knowledge of computing principles and mathematics theory to develop sustainable solutions to current and future computing problems.
- F. Developing and implementing solution based system and/or process that address issues and/or improve existing systems within a computing based industry.

Course Outcomes

1. Understanding the fundamental hardware and software components that make up a computer.
2. Understanding the difference between an operating system and application program, and

what each is used for in a computer.

3. Performing common basic functions like editing, formatting, printing, scanning etc using tools.
4. Ability to sort data, manipulate data using formulas and functions and add and modify charts in a worksheet.
5. Ability to develop applications on C-programming
6. Knowledge of Database concepts, data model, Relational Algebra.
7. Knowledge of basic SQL queries.
8. Knowledge of Internet Basics.
- 9 Knowledge of Software Engineering
- 10 Object Oriented Programming Using C++
- 11 Relational Database Management System
- 12 Computer Network
- 13 Visual programming using C#
- 14 Linux Operating System
- 15 PHP and MySQL
- 16 Network Technology and Windows Server 2008
- 17 Java Programming
18. Knowledge of technologies supporting E-commerce, including web services and electronic payment system.

B.Sc. Mathematics

Program Specific Outcomes

1. Ability to calculate and reason to design complex and critical financial models for Bank and Insurance Companies.
2. Ability to understand both concrete and abstract problems.
3. Ability to make critical observations.
4. Ability to accurately organize, analyze and interpret data.
5. Develop the mathematical logic which is very useful for solving mathematical reasoning problems.

Course Outcomes

1. Developing the interest towards mathematics.
2. Creating the relationship of mathematics with other subjects.
3. Developing the understanding and fluency in mathematics thorough inquiry and connecting mathematical concepts.
4. Developing the knowledge of applications of derivative and integration, etc.
5. Developing problem solving skills for various types of equations such as wave equation, heat equation and Lapse equations.
6. Developing several perspectives of differential equations.
7. Developing the knowledge of how to draw graphs, paths, walks and curvatures.
8. Creating interest with finite sets particularly those areas relevant to business.
9. Developing the knowledge of real number and real valued functions such as sequences convergence and continuity.

10. Studying the properties of real numbers (Ries2 space and positive operators).
11. Study of algorithms that used in numerical approximation.
12. Computation the trajectory of a spacecraft requires the accurate numerical solution of a system of ordinary differential equations

B.Sc.- (Physics)

Program Specific Outcomes

1. Identifying and describing physical systems with their professional knowledge.
2. Developing their scientific intuition, ability and techniques to tackle problems either theoretical or experimental in nature.
3. Knowledge of general physics like sound, wave, friction, forces and laws of motion and use of mathematics.
4. Information of electrical current, circuits, construction and their use.
5. Learning about concepts of nuclear physics and nuclear energies and importance of their use for mankind.
6. Knowing about the light and its importance in life, its characteristics, properties and use in various instruments

Course Outcomes

By the end of this Course students should be able to know about:

1. Different types of motions in nature
2. Difference between translational motion and rotational motion
3. Various elastic constants and property of Elasticity.
4. Surface tension and its applications.
5. Oscillations and waves and their properties.
6. Optics and properties of light.
7. What are the optical instruments and their developments?
8. General information of various types of gases and theories related to it.
9. Thermal properties of gases and various laws related in thermodynamics.
10. What is the origin of magnetic property of material?
11. Dielectric phenomenon and difference between polar and non polar molecules.
12. Theory of semiconductor. Various devices like diode, LED, photo diode and their applications.
13. The amplification of input signals and designing of amplifier.
14. Use of Cathode ray oscilloscope and functions of its parts.
15. Amplifier and feedback requirements in amplifier circuits.
16. Effects of positive and negative feedbacks.
17. Operational amplifier and their designing.
18. Circuit and properties of UJT and FETs.
19. Lenses and various cardinal points .
20. Formation of Images by Newton's formula.
21. Properties of light like interference, diffraction and polarization with theory and Experiments.
22. Properties of optical fiber and use in telephone communication.
23. LASERS and applications in various fields.
24. Theory of relativity and its consequence.

25. Wave particle duality and development of new theory.
26. Development of vector atom model and its superiority on various other models.
27. Nuclear energy resources and their importance in modern life.
28. X-rays and their applications.

B.Sc. BOTANY

Program Specific Outcomes

1. Identifying different resources helpful for human life.
2. Identifying different groups of plants
3. Acquiring knowledge about inheritance, biochemical and metabolic activities.
4. Development of horticultural skill.
5. Acquiring knowledge about importance of environment.

Course Outcomes

1. Developing interest in plant diversity.
2. Developing skill of identification of Algae, Fungi and Bryophytes.
3. Creating interest in biological industry.
4. Acquiring basic knowledge about biochemical, physiological mechanism in plants.
5. Imparting knowledge of Horticulture.
6. Diversity in vascular plant.
7. Characters of vascular plants and classification of plants.
8. External & internal characters of plants.
9. Structure of cell.
10. Types of organisms and characteristics.
11. History, distribution, structure and functions of different cell organelles,
12. Transmission of character
13. Mendelism.
14. Resource of plants to fulfill the basic needs.

B. Sc. ZOOLOGY

Program Specific Outcomes

1. Improving the knowledge about criteria for animal classification.
2. Study of salient features of chordates and non-chordates.
3. Improving the knowledge of animals about their special adaptations and evolutionary relationship.
4. Scientific study of their nature of habitant with environment.
5. Improving information about external morphology and anatomy of animals including human being.

Course Outcomes

1. Understanding the arrangement of organism or groups of organism in distinct categories in accordance with particular & well established plan.
2. Explanation of unity in diversity of organism.
3. Studying specific & scientific names of organism.
4. Collecting information about useful and harmful animals, helps in understanding the

nature of habitant.

5. Understanding the structure and function of cell & cell organelles to study animal tissue to improve knowledge about genetic information, it study how organism evolve from a single cell division, get knowledge about unicellular & multi-cellular organisms
6. Understanding normal function of cell, organ or tissue.
7. Study of structure function, molecular organization, growth, reproduction and genetics of cell.
8. Improving environmental component such as biotic and abiotic factors.
9. Study of how each organism interlock with one another.
10. Perceiving prey predator relationship, study interrelationship of different organisms, to know about distribution of organism with reference to the geographical conditions, to improve knowledge related to undesirable change in physical, chemical or biological characteristics.
11. Study of trophic level of food chain.
12. Understanding evolutionary history of certain animals, study their sericulture which is one of the longest agro industries & silk is used in the manufacture of woven materials.
13. Study of chemistry within living organisms.
14. Perceiving the chemical components & chemical structure in organisms.
15. Study how body functioning with the help of chemical molecules & elements.

History & Physiology:

1. Improving proper knowledge about histology of animal tissue, organ, understanding physiology of animals including external features & internal features used in pathology lab for detecting malfunction which leads to disorders, physiology useful for study of normal function of body plan for their molecular level.

ENVIRONMENTAL STUDIES:

Course Outcomes:

1. Understanding environmental concerns by the students at the undergraduate level.
2. Understanding the relationship of man with the environment and help them change his attitude for more positive, proactive, eco-friendly and sustainable lifestyles.
3. Getting information about climate change, Global warming, Acid rain, Green house effect, Ozone, layer depletion.
4. Cultivating attitudes to safeguard the environment built particularly with field experience.
5. Realization of the impact of human actions on the immediate environment and the linkage with the larger issues.