

ARTS, COMMERCE AND SCIENCE COLLEGE, ARVI

PROGRAM OUTCOMES

FACULTY OF ARTS

After completing graduation in the faculty of Arts the students will:

- Gain the knowledge of facts and figures related to the subjects such as History, Economics, Languages, political science, home-economics etc.
- Understand the basic concepts, principles, and various theories of the above mentioned subjects.
- Be able to understand the aesthetic, moral, intellectual values of individual and society.
- Understand the interdependence of social science with language and literature.
- Have analytical ability to analyze the literature and social issues
- Ability to compare the past social issues with present social upheavals and understand the present political and the economical changes.
- Believe that the study of language, literature and social sciences will help them to make our society better, happy and life; meaningful.
- Have better platform to embellish their hidden merits by participating in various social and cultural activities.
- Inculcate the values of equality, nationality, social harmony.
- Arise as developed personalities who will be self-dependent and self employed
- Demonstrate positive attitude and believe that education is a lifelong process and success is gained only through the unstoppable efforts.
- Have various communication skills such as reading, listening, speaking, etc., which will be helpful in expressing ideas and views clearly and efficiently.
- Demonstrate emotional intelligence and people's skills in working in teams and with people.

Specific outcome - To develop the students' ability to analyze, synthesis and disseminate the large amount of complex and disparate information so that they may be able to use it in day to day life and find employment.

Faculty of Commerce

After completing graduation in the faculty of Commerce the students will :

1. Become well trained professionals for the Industries, Banking Sectors, Insurance Companies, Financing companies, Transport Agencies, Warehousing etc., to meet the well trained manpower requirements.
2. Get hands on experience in various aspects acquiring skills for Marketing Management and Administration abilities of the Company.
3. Acquire the knowledge about the various types of business organizations, office management and related.
4. Understand how the business organizations work by applying economic principles in their business management.
5. To acquire conceptual knowledge of financial accounting and to impart skills for recording various kinds of business transactions.
6. Demonstrate positive attitude and believe that education is a lifelong process and success is gained only through the unstoppable efforts.
7. Imbibe ethical, moral and social values in personal and social life leading to highly cultured and civilized personality.

Specific outcome- To develop the knowledge, skill and attitude of students by the virtue of which they may gain the employment.

Faculty of Science

At the completion of graduation in science faculty the student will:

1. Gain the knowledge of facts and figures related to the subjects such as Physics, Chemistry, Botany, Zoology, Mathematics, etc.
2. Understand the basic concepts, principles, and the various scientific theories of the above mentioned subjects.

3. Assimilate the skills in handling scientific instruments, planning and performing in laboratory experiments, observing and drawing logical interpretations from the scientific experiments.
4. Have ability to analyze the given scientific data critically and systematically and to draw the objective conclusions.
5. Have the knowledge which allows to develop new technologies, solve practical problems, and make informed decisions — both individually and collectively.
6. Comprehend how developments in any science subjects helps in the development of other science subjects
7. Inculcate scientific attitude not only regarding to science subjects but also in all aspects related to life.
8. Have better understanding of other subjects in humanities, performing arts, social sciences etc. which will be useful in embryonic new scientific theories and inventions.
9. Imbibe ethical, moral and social values in personal and social life leading to highly cultured and civilized personality.
10. Demonstrate positive attitude and believe that education is a lifelong process and success is gained only through the unstoppable efforts.

Specific outcome- To develop the knowledge, skill and scientific attitude of students by the virtue of which they may gain the employment

Course Outcomes

Subject- English & English Literature

At the completion of graduation having English & English Literature as the subjects the students are supposed to be advanced with :

- Critical reading skills.
- Effective writing skills.
- Effective Communication Skills
- Knowledge of creative, literary, linguistic, and rhetorical theories.
- Skill to analyze various cultural, historical and literary texts.
- Skill to analyze culturally diverse texts.
- Knowledge of the nature and structure of the English language and of its relationship to other human languages.

- Skill to apply rhetorical and composition theory.
- Fluency in the discourses pertaining to the disciplines of English.
- Skill and knowledge which will help him to earn job and livelihood

Subject- Hindi

At the completion of graduation having Hindi as a subject students are able to:

- Develop competency in Literary Forms. (Hindi Poetry & Fiction) Develop Reading, Writing & Communication Skills in Hindi.
- Get information about the history of ancient, medieval and modern Hindi Literature. Learn the literary works on the basis of the foundation laid by the scholars.
- Get information about the Literary Theories.
- Develop Approach of Hindi Linguistics & Grammar.
- Get the jobs for their livelihood. Be motivated for their further education.

Subject- Marathi and Marathi Literature

At the completion of B. A. in Marathi Language and Literature the students are able to:

1. Develop competency in Literary Forms. (i.e. Marathi poetry, autobiography, novel, short story, drama & performing prose)
2. Develop Reading, Writing & Communication Skills in Marathi.
3. Get Information about the history of Saint Literature.
4. Get Information about Literary Theories.
5. Get Information about the history of MODERN Marathi Literature.
6. Apply the study of Marathi Linguistics & Grammar in their practical life.
7. Study News Writing for Media. Nurture themselves in soft skills and develop research aptitude.
8. Find jobs for their livelihood
9. Be motivated for their further education.

Subject - History

At the completion of B. A. in History the students are able to:

1. Understand the distinction between primary and secondary sources.
2. Read primary and secondary sources in a critical way
3. Compare and contrast historical interpretations (historiography)
4. Construct and communicate historical arguments, primarily in written form
5. Demonstrate factual understanding
6. Demonstrate conceptual understanding
7. Be Acquaint with the range of issues related Indian History and its distinctive eras.
8. Understand the history of the countries other than India with comparative approach.
9. Prepare for various types of Competitive Examinations Critically recognize the Social, Political, Economic and Cultural aspects of History.
10. To study further in the applied field of history as archaeology.

Subject - Economics

At the completion of B. A. in Economics the students are able to:

1. Understand and demonstrate core micro-economic terms, concepts, and theories.
4. Demonstrate core macro-economic terms, concepts, and theories.
5. Understand macroeconomic concepts (GDP, unemployment, aggregate demand/supply, etc.).
6. Explain how fiscal and monetary policies can be used to promote equity.
7. Identify key macroeconomics indicators, and measures of economic change, growth, and development.
8. Identify and explain the key concepts underlying comparative advantage and market failure.

9. Demonstrate ability to analyze an economic situation involving an issue of social responsibility, and defend or critique a course of action.
10. Formulate and defend a monetary or fiscal strategy that would produce desired outcomes.

Subject- Political Science

At the completion of B. A. having Political Science as an optional subject the students are able to:

1. Summarize multiple theories and methodological approaches used to explain political outcomes in political science.
2. Describe the history, structure and operation of the international system
3. Identify the principal arguments for and against alternative forms of government.
4. Discriminate between normative and empirical theories.
5. Explain the role of political ideas, value conflicts, and ideology in human societies.
6. Evaluate alternative political ideas and ideologies.
7. Explain the structural context within which politics takes place, including the role of the economy, society, and culture, and conflicts over and within those domains.

Subject- Home Economics

At the completion of B. A. having Home Economics as an optional subject the students are able to:

1. To address topical issues such as food miles, carbon footprint and food waste.

2. Identify the various pieces of small equipment needed for different tasks in the Food Lab and to know how to care for the different types of equipment.
3. Understand the importance of personal hygiene and how to achieve and maintain it.
4. Able to demonstrate skills of safe, hygienic storage, preparation and cooking of food.
5. To have a basic knowledge of some of the nutrients and understand their role in a diet.
6. Use the knowledge to achieve a healthy balanced diet.
7. To prepare themselves for home and family living;
8. To have certain experiences which are preparation for professional home economics employment.

Subject- Fashion Designing

At the completion of B. A. having Fashion Designing as an optional subject the students are able to:

- 1 Assimilate their artistic abilities to support their future design careers.
- 2 Evaluate, offer, and put on various techniques related to drafting, draping, and constructing of garments.
- 3 Develop a systematic, critical approach to problem solving at all levels of the design process.
- 4 Communicate the design process to the appropriate manufacturing process.
- 5 Validate professionalism by managing time to meet deadlines with quality work and effectively collaborating in teams.
- 6 Research and relate fashion design to a broader socio economic, historical, and environmental context.
- 7 Communicate design ideas verbally, visually, and digitally.

Commerce Faculty

At the completion of graduation in commerce the students are able to

1. Explain the principles and concepts of Accountancy and practical applications of accounting.
2. Understand the basic concepts of Partnership Accounting, and allied aspects of accounting. After the successful completion of the course the student should have a thorough knowledge on the accounting practice prevailing in partnership firms and other allied aspects.
3. have the practical knowledge and tactics in the marketing.
4. Explain the basic provisions regarding legal frame work governing the business world.
5. Demonstrate the knowledge of conceptual framework of Management Accounting and the Techniques in business decision making.
6. To keep the students conversant with the ever – enlarging frontiers of Cost Accounting knowledge.
7. To enlighten the students' knowledge on Business Regulation Acts. After the successful completion of the course the student should have a thorough knowledge on Indian Business System and Acts pertaining to it.
8. This course aims to provide an in-depth knowledge on the provisions of Income Tax. To familiarize the students with recent amendments in Income-tax.
9. Principles of Auditing On successful completion of this course, the student should be well versed in the fundamental concepts of Auditing.

Subject- Botany

At the completion of B. Sc. in Botany the students are able to:

1. Understand the structural organization and variation in chromosomes get self-employment in the fields as: mushroom Cultivation, organic manure preparation, the horticultural plant production, cultivation of crops in poly-house condition, plant tissue, culture laboratories etc.
2. Understand plant structures in the context of physiological functions of plants.
3. Understand lipid metabolism in plants.

4. Understand the morphological and structural organization of Cryptogams and Phanerogams. Economics Botany and plant utilization in concern with human life. Diversity of plants National plant wealth . Developmental biology of plants. Industrial application of microorganism
5. Recognize the position of plant in the broad classification and phylogenetic level.
6. 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.
7. Accurately interpretation of collected information and use taxonomical information to evaluate and formulate a position of plant in taxonomy.
8. 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.
9. 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.
10. 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.
11. 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.

Subject- Chemistry

At the completion of B. Sc. in Chemistry the students are able:

1. To understand basic facts and concept in chemistry so as to develop the interest in the study of chemistry as a discipline.
2. To improve the ability of logical, conceptual and scientific aptitude in the subject.
3. To make able to handle the chemicals properly.

4. To develop the numerical problem solving techniques.
5. To improve the ability to apply the basic chemical concept in applied chemical technique.
6. To improve the practical skill in qualitative and quantitative estimations and chemical analysis.
7. To develop the ability to apply knowledge of chemical to minimize the pollution to environment.
8. To improve ability to use green chemical technique.
9. To improve the skill of proper handling of instruments used in chemical analysis.
10. To improve the understanding of physical and chemical properties of chemical compounds for the socio-economic development.

Subject- Mathematics

At the completion of B. Sc. in Mathematics the students are able to:

1. Understand the basic of solving differentiation, partial differentiation, integration, differential equation, partial differential equation .
2. Understand the application of differentiation, partial differentiation, integration, differential equation, partial differential equation
3. Learn and understand the basic concepts of linear algebra
4. Learn the basic concepts of various topics of mathematics
5. Develop the knowledge about the problem solving techniques.
6. Demonstrate the knowledge of conceptual framework of different branches of mathematics.
7. Inculcate the discipline and accuracy, concrete concluding ability amongst students.
8. Do preparation for further studies like post graduation in mathematics

Subject- Physics

At the completion of B. Sc. in Physics students are able to:

1. Demonstrate a rigorous understanding of the core theories & principles of physics, which includes mechanics, electromagnetism, thermodynamics, & quantum mechanics.

2. Learn the Concepts as Quantum Mechanics, Relativity, introduced at degree level in order to understand nature at atomic levels.
3. Provide knowledge about material properties and its application for developing technology to ease the problems related to the society.
4. Understand the set of physical laws, describing the motion of bodies, under the influence of system of forces.
5. Understand the relationship between particles & atom, as well as their creation & decay.
Relate the structure of atoms & subatomic particles.
6. Understand physical properties of molecule the chemical bonds between atom as well as molecular dynamics.
7. Analyze the applications of mathematics to the problems in physics & develop suitable mathematical method for such application & for formulation of physical theories.
8. Learn the structure of solid materials & their different physical properties along with metallurgy, cryogenics, electronics, & material science.
9. Understand the fundamental theory of nature at small scale & levels of atom & sub-atomic particles.

Subject- Zoology

At the completion of B. Sc. in Zoology the students are able to:

1. Gain knowledge and in the fundamental of animal science as well as understand the complex interaction among various living organism of different phyla, their distribution and relationship with the environment
2. Understand the nature and basic concepts of cell biology, genetics, taxonomy, physiology, ecology and applied zoology.
3. Analyze the relationship among animals, plants and microbes.
4. Understand the knowledge of internal structure of cell, its function in control of various metabolic activities of organism.
5. Understand complex evolutionary process and behavior of animals
6. Understand physiological process of animals and relationship of organ system
7. Analyze relationship among animals, plants and microbes

8. Understanding of environmental conservation processes and its important, pollution control and biodiversity and protection of endangered species.
9. Gain knowledge of small scale industries like sericulture, apiculture, fish culture, vermicomposting, aquaculture and Perl culture etc.
10. Understand application of biological science in Apiculture, Vermicomposting preparation, Aquaculture, Sericulture etc.
11. Understanding of environmental conservation process and its important, pollution control and biodiversity and protection of endangered species.
12. Understand application of biological science in Apiculture, Sericulture, Aquaculture, Vermicomposting preparation, Perl Formation etc.
13. Apply the knowledge and understanding of Zoology of to one's own life and work.

Subject- Computer Science

At the completion of graduation having Computer Science as an optional subject the students are able to:

1. Improve their computer literacy, their basic understanding of operating systems and a working knowledge of software commonly used in academic and professional environments.
2. Develop criteria to organize and present different type of works in academic and professional environments.
3. Learn to organize information efficiently in the forms of outlines, charts, etc. by using appropriate software.
4. Develop the skills to present ideas effectively and efficiently.
5. Design and deliver an effective presentation and develop the various IT skills related electronic databases.
6. Use the Systems Analysis Design paradigm to analyze a problem critically.
7. Solve problems (programming networking database and Web design) in the Information Technology environment.

Function

The ability to acquire, analyze and understand data and information.

- Critical thinking and informed judgement leading to problem solving and decision making skills.
- Cognitive flexibility which enables adaptability to uncertainty in a rapidly changing world.
- An understanding of disruptive and technological change and the ability to seek innovative and entrepreneurial solutions.
- Be able to effectively communicate and negotiate.
- Demonstrate emotional intelligence and people's skills in working in teams and with people.
- Be cognizant of the impact of their individual and corporate actions on society, recognize responsible and inclusive business practices and be sensitive to the social, economic and environmental responsibilities of business.