

Program Outcomes/Course Outcomes

Program Outcomes: Faculty- Science

At the graduation in science faculty a student should have:

- Acquired the knowledge with facts and figures related to various subjects in pure sciences such as Physics, Chemistry, Botany, Zoology, Mathematics, etc.
 - Understood the basic concepts, fundamental principles, and the scientific theories related to various scientific phenomena and their relevancies in the day-to-day life.
 - Acquired the skills in handling scientific instruments, planning and performing in laboratory experiments
 - The skills of observations and drawing logical inferences from the scientific experiments.
 - Analyzed the given scientific data critically and systematically and the ability to draw the objective conclusions.
 - Been able to think creatively (divergently and convergent) to propose novel ideas in explaining facts and figures or providing new solution to the problems.
 - Realized how developments in any science subject helps in the development of other science subjects and vice-versa and how interdisciplinary approach helps in providing better solutions and new ideas for the sustainable developments.
 - Developed scientific outlook not only with respect to science subjects but also in all aspects related to life.
 - Realized that knowledge of subjects in other faculties such as humanities, performing arts, social sciences etc. can have greatly and effectively influence which inspires in evolving new scientific theories and inventions.
 - Imbibe ethical, moral and social values in personal and social life leading to highly cultured and civilized personality.
- Developed various communication skills such as reading, listening, speaking, etc., which will help in expressing ideas and views clearly and effectively.
- Realized that pursuit of knowledge is a lifelong activity and in combination with untiring efforts and positive attitude and other necessary qualities leads towards a successful life.

- Developed flair by participating in various social and cultural activities voluntarily, in order to spread knowledge, creating awareness about the social evils, blind faith, etc.

Programme Outcomes:- Faculty – Computer Science

On completion of the B.Sc.(Computer science) and B.Sc.(ECS) students are able to:

- Serve as the Programmers or the Software Engineers with the sound knowledge of practical and theoretical concepts for developing software.
- Serve as the Computer Engineers with enhanced knowledge of computers
- And its building blocks.
- Work as the Hardware Designers/Engineers with the knowledge of Networking
- Concepts.
- Work as the System Engineers and System integrators
- Serve as the System Administrators with thorough knowledge of DBMS.
- To Give Technical Support for the various systems.
- Work as the Support Engineers and the Technical Writers
- Work as Consultant and Management officers for system management.
- Work as IT Sales and Marketing person.
- Serve as the IT Officers in Banks and cooperative societies.
- Work as DTP Operator in small-scale industries.
- Serve as the Web Designers with latest web development technologies.

Programme Outcomes Faculty – Computer Science

After Completing the Bachelors of Computer Applications (BCA) Students are able to:

- Improve their computer literacy, their basic understanding of operative systems and a working knowledge of software commonly used in academic and professional environments.
- Develop criteria to organize and present different type of works in academic and professional environments.
- Learn how to organize information efficiently in the forms of outlines, charts, etc. by using appropriate software.
- Develop the skills to present ideas effectively and efficiently.
- do Academic and Professional Presentations - Designing and delivering an effective presentations and developing the various IT skills to the electronic databases.
- Use the Systems Analysis Design paradigm to critically analyze a problem.
- Solve the problems (programming networking database and Web design) in the Information Technology environment. Function effectively on teams to accomplish a common goal and Demonstrate professional behavior.

- Develop IT-oriented security issues and protocols.
- design and implement a web page.
- Improve communication and business management skills, especially in providing technical support.

Programme Outcomes(Post Graduate Level)Faculty–Computer Science

On the completion of the M.Sc. (Computer science) and M.C.A. students are able to work as:

- Programmer or Software Engineer
- Computer Engineer
- Web Designer
- Hardware Designer/Engineer
- Systems Engineer
- System integrator
- System Administration
- Technical Support
- Support Engineer
- Technical Writer
- Consultant
- Management
- Administration
- IT Sales and Marketing
- IT Officer
- Computer Scientist
- Research Staff Member
- Systems Analyst
- Logic Designer
- Computer Scientist in research and R & D laboratories.

Programme Outcomes (Undergraduate Level)

Faculty Arts

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

- Acquired the knowledge with facts and figures concerned with the subjects such as History, Geography, Economics, Languages, etc.
- Understood the basic concepts, fundamental principles, and various theories in the above mentioned subjects.
- Realized the importance of literature in terms of aesthetic, mental, moral, intellectual development of an individual and accordingly of the society.
- Understood how issues in the social science get influenced by the literature and how the literature can provide solutions to the social issues.

- Gained the analytical ability to analyze the literature and social issues to appreciate the strength and to suggest the improvements for better results.
- Appreciated that social issues are no longer permanent and largely depend on the political and the economical changes.
- Convinced himself/herself that the study of literature and social sciences are not only helpful to evolve better individual and better society but also helpful to make the life of an individual more happy and meaningful.
- Participated in various social and cultural activities voluntarily.
- Written articles, novels, stories to spread the messages of equality, nationality, social harmony and other human values.
- Emerged as a multifaceted personality who is self-dependent; earning his own bread and butter and also creating opportunities to do so.
- Realized that the pursuit of knowledge is a lifelong process and one can achieve the success only with untiring efforts and positive attitude.
- Developed various communication skills such as reading, listening, speaking, etc., which will be helpful in expressing ideas and views clearly and effectively.

DEPARTMENT OF ENGLISH

The Outcomes of UG Course, B. A. in English

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

- Use correct English in oral as well as written form.
- Inculcate the human values for one's transformation of behavior.
- Interpret the literary works by critical analysis.
- Compare literary works of the great writers and philosophers by using their logic and literary competency
- Nurture themselves in soft skills and develop research aptitude.
- Find jobs for their livelihood
- Be motivated for their further education.

DEPARTMENT OF HINDI

The Outcomes of UG Course, B. A. in HINDI

At the completion of B. A. in Hindi the 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.

DEPARTMENT OF MARATHI

The Outcomes of UG Course, B. A. in Marathi

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

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

DEPARTMENT OF HISTORY

The Outcomes of UG Course, B. A. in History

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

- Understand the basic themes, concepts, chronology and the Scope of Indian History.
- Be Acquaint with the range of issues related Indian History and its distinctive eras.
- Understand the history of the countries other than India with comparative approach.
- Think and argue historically and critically in writing and discussion.
- Prepare for various types of Competitive Examinations
- Critically recognize the Social, Political, Economic and Cultural aspects of History.
- To study further in the applied field of history as archaeology.

DEPARTMENT OF ECONOMICS

The Outcomes of UG Course, B. A. in Economics

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

- Understand basic concepts of economics.
- Analyze economic behavior in practice.
- Understand the economic way of thinking.
- Analyze historical and current events from an economic perspective.
- Write and discuss economical issues at national levels.

- Find alternative approaches to economic problems through the exposure from the coursework in allied fields.
- Develop an ability to suggest solutions for various economic problems.
- Prepare for the Competitive Examinations as MPSC, UPSC.

DEPARTMENT OF GEOGRAPHY

The Outcomes of UG Course, B. A. in Geography

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

- Study the types of land and processes.
- Understand the structure, composition of different spheres of the earth and its Atmosphere.
- Understand importance of oceans, rivers and water and find the ways of their conservation.
- Understand the Function and types of Biogeography.
- Understand the science of Remote Sensing
- Make use of GIS & GPS software

DEPARTMENT OF BOTANY

The Outcomes of UG Course, B. Sc. in Botany

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

- 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.
- Understand plant structures in the context of physiological functions of plants.
- Understand lipid metabolism in plants.
- 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

DEPARTMENT OF CHEMISTRY

The Outcomes of UG Course, B. Sc. in Chemistry

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

- provide a broad foundation in chemistry that stresses scientific reasoning and Analytical problem solving with a molecular perspective.
- achieve the skills required to succeed in graduate school, the chemical industry and professional school.
- Get exposures of a breadth of experimental techniques using modern instrumentation.
- understand the importance of the Periodic Table of the Elements, how it came to be, and its role in organizing chemical information.
- understand the interdisciplinary nature of chemistry and to integrate knowledge of mathematics, physics and other disciplines to a wide variety of chemical problems.
- learn the laboratory skills needed to design, safely and interpret chemical research.
- acquire a foundation of chemistry of sufficient breadth and the depth to enable them to understand and critically interpret the primary chemical literature.
- develop the ability to communicate scientific information and research results in written and oral formats.
- learn professionalism, including the ability to work in teams and apply basic ethical principles.

DEPARTMENT OF MATHEMATICS

The Outcomes of UG Course, B. Sc. in Mathematics

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

- Learn to solve improper integrals.
- Make use of linear equations for solving any differential equations
- Understand various problems related with planar graphs.
- Understand the Concepts of Matrices and linear equations.
- Learn properties of inverse Laplace transforms

DEPARTMENT OF PHYSICS

The Outcomes of UG Course, B. Sc. in Physics

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

- Demonstrate a rigorous understanding of the core theories & principles of physics, which includes mechanics, electromagnetism, thermodynamics, & quantum mechanics.
- Learn the Concepts as Quantum Mechanics, Relativity, introduced at degree level in order to understand nature at atomic levels.
- Provide knowledge about material properties and its application for developing technology to ease the problems related to the society.
- Understand the set of physical laws, describing the motion of bodies, under the influence of system of forces.

- Understand the relationship between particles & atom, as well as their creation & decay.
- Relate the structure of atoms & subatomic particles
- Understand physical properties of molecule the chemical bonds between atom as well as molecular dynamics.
- Analyze the applications of mathematics to the problems in physics & develop suitable mathematical method for such application & for formulation of physical theories.
- Learn the structure of solid materials & their different physical properties along with metallurgy, cryogenics, electronics, & material science.
- Understand the fundamental theory of nature at small scale & levels of atom & sub-atomic particles.

DEPARTMENT OF ZOOLOGY

The Outcomes of UG Course, B. Sc. in Zoology

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

- Understand the nature and basic concepts of cell biology
- Understand the basic concepts of chordates and non-chordates
- Understand the concepts of Goatery and Lac culture.
- Understand the various Applications of Biotechnology
- Understand the Lamarkism, Neo-Lamarkism and Darwinism.
- Understand the term ELISA technique and DNA finger printing.
- Understand the process of evolution.

DEPARTMENT OF Computer Science

The Outcomes of UG Courses, BCA, B. Sc. in Computer Science, B.Sc. in Entire Computer Science

At the completion of BCA, B. Sc. in Computer Science and B. Sc. In Entire Computer Science the students are able to:

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

- Function effectively in teams to accomplish common goals and demonstrate professional behavior.
- Develop IT-oriented security issues and protocols.
- Able to design and implement a web page.
- Improve communication and business management skills, especially in providing technical support.

Post Graduate course: M.A. in English

At the completion of PG Course i.e. M.A in English the students are able to:

- Understand and learn the literary works on the basis of the foundation laid by the scholars.
- Strengthen their language competency.

Assist them in understanding of extended frontiers of language and literature.