

Programme Specific Outcomes

B.Sc. Physics Programme Specific Outcomes

On completion of the Program student able to:

1. Understanding of core knowledge on various papers of Physics. Clear the concepts which help them in understanding physical phenomenon in nature.
2. Demonstrate skills and competencies to conduct scientific experiments related to Physics.
3. Identify their area of interest and further specialize in the Physics.
- 4 Possess advanced knowledge and skills in job market for various technical industries. 5. Relate their knowledge and skills in carrying out independent work.
6. Analyze situations, search for truth and extract information, formulate and solve problems in a systematic and logical manner.
7. Discuss debate and communicate in a clear and logical way, with graduates in Physics and other fields.

B.Sc. Chemistry Programme Specific Outcomes

skills in order to become problem solvers

- Students followed and understood general laboratory practice guidelines, including safety.
- They are able to handle instruments for basic and modern chemical analysis.
- They are able to secure profitable employment in industry or in government sector. Chemistry and Analytical Chemistry produced graduate and post graduate Chemist and graduated Analyst with thorough knowledge of qualitative and quantitative analysis, chemical synthesis, spectroscopic, electro-analytical, chromatographic, thermal, microscopic techniques and other basic analytical techniques to cater the need of various sections in industries such as QC, QA, ADL, R & D, etc
- After completing the PG program the students secured thorough knowledge of Basic and Applied Chemistry
- To make students capable of studying Chemistry and Analytical Chemistry in academic and industrial courses.
- To expose the students to promising frontiers of Chemistry and Analytical Chemistry. Also to apprise them with ubiquitous of these subjects in their future studies and their applications in a range of spheres of Chemical Sciences.
- To build up problem solving skills in students.
- To expose the students to different processes used in industries and their applications.
- To develop the ability to attain the knowledge of terms, facts, techniques, concepts, processes and principles of subjects.
- To develop abilities to apply the knowledge of contents of principles of Chemistry.
- To develop proper attitude towards the subject.
- To develop the power of appreciation, the achievements in Chemistry and the role in nature as well as society.
- To develop skills required in Chemistry and Analytical Chemistry such as the proper handling of apparatus, chemicals and sophisticated instruments.

B.Sc. Zoology Programme Specific Outcomes

1. The students are expected to acquire the knowledge of animal science, natural phenomenon, and manipulation of nature and environment by man.
2. Understanding the scientific terms, concepts, facts, phenomenon and their interrelationship
3. Applications of the knowledge develop skills in practical work, experiments and laboratory materials,
4. Students followed and understood general laboratory practice guidelines, including safety.
5. They are able to handle instruments for basic and modern analysis.
6. To develop scientific attitude which is the major objective this makes the students open minded, critical observations, curiosity, thinking etc.
7. Abilities to apply scientific methods, collection of scientific data, problem solving.

B.Sc. Botany Programme Specific Outcomes

A degree with Botany is applicable to many types of careers.

1. Some plant biologists work primarily outdoors, in forests, parklands, or fields.
2. Others work in laboratories, museums, in botanical gardens, or in industry.
3. Graduates go into fields as diverse as biotechnology, environmental monitoring and protection, and agriculture.
4. More than half of Botany students go on to post graduate/higher studies in natural science, agriculture, environmental sciences, and education.
5. Students can work to develop organic farming.

B.Sc. Mathematics Programme Specific Outcomes

1. Students can apply induction principle
2. Students can find LUB, GLB apply the definition of limit and continuity.
3. Students can learn integration through infinite sum.
4. They can solve improper integral of any kind using the known methods
5. Students can know the definition of the limit of a sequence, evaluate the limits of a wide class of real sequences.
6. Students can understand the significance of differentiability for complex functions and be familiar with the Cauchy-Riemann equations.
7. Students can Apply discrete probability distributions.

B. A. , B.Com., B.Sc., English Programme Specific Outcomes

1. Students will develop functional knowledge of English.
2. They will be confident at Listening (comprehending), speaking, reading and writing skills.
3. Students will demonstrate the oral communication skills needed to participate in a conversation that builds knowledge collaboratively: listening carefully and respectfully to others' viewpoints; articulating their own ideas and questions clearly; and situating their own ideas while facing real life problems.
4. Students will be able to increase confidence in speaking publicly. Students will be able to prepare, organize, and deliver an engaging oral presentation.
5. Students will become accomplished and active readers.
6. They can appreciate ambiguity and complexity, and who can articulate their own interpretations.
7. Students will be able to write effectively for a variety of professional and social settings. They will practice writing as a process of motivated inquiry.
8. They will demonstrate an ability to revise for content and edit for grammatical and stylistic clarity. And they will develop an awareness of and confidence in their own voice as a writer.

B.A, B.Com & B.Sc. Computer Science Programme Specific Outcomes
<ol style="list-style-type: none"> 1. To impart knowledge of a broad range of Computer Science skills, tools, and mathematical techniques, and the capability of applying them to analyze and design complex systems. 2. Acquire logical and analytical skills to apply the concepts to model and solve real life problems in related areas. 3. Engage in professional development in the fields of Information Technology and Computer Science.
B. A. , B.Com., B.Sc., Telugu Second Language Programme Specific Outcomes
<ol style="list-style-type: none"> 1. Students will understand the grammar rules of Telugu language. 2.They will be able to .read and understand texts written in Telugu language. 3.Students will develop interest in Telugu Language and literature. 4.Students will be benefitted by the philosophic views hidden in Telugu poetic writing.
B.A. History Programme Specific Outcomes
<p>Hence we can say that History has surrounded us and waits for the right time to explode. It never lets one to forget past easily.</p> <p>Present has its own need and facilities. Some try to forget History where as some we History as per their necessity. All the sage and saints through their saying portray history is very good. It means that everyone is utilizing history according to their perspective only thing is we don't realize it as it's past and parcel of our life.</p> <p>When it becomes violent and aggressive, then we realize that past is still alive and exists. None of the countries can history of its own and make anew beginning.</p> <p>In this way, History always is alive giving a direction to presents hence history cannot be considered as only a syllabus to study. Countries may be ruled or became independent anytime but the feeling of patriotism remains in the hearts of the people. History provors people about going independence whenever they are ruled by.</p> <p>One historical truth is past condition creating present and it can giving new birth to future and so it's important to remind it.</p> <p>Students can avail good opportunities to work in the field of archeology, education and research.</p>
B.A. Political Science Programme Specific Outcomes
<p>Students will understand the need for a constitution and explain the role of constitution in a democratic society. For the welfare of the society students can demonstrate an understanding of the concepts & central themes of the political ideologies examined Students will able to explain the Governmental mechanism from Gram panchayat to Parliament and can suggest solutions over various issues in its functioning and implementation. Students will use various political concepts and ideology to analyze new situations. Students can work as political analyst, political party adviser, as a research scholar or can be a freelance political thinker and writer.</p>
B.A. Economics Programme Specific Outcomes
<p>Students will understand the role finance institution, finance management, Banking E – Banking, money and Capital markets. Students will understand the concepts GNP, NNP, GDP, NDP, PCI, Disposable Income. Students will understand various aspects and features of Indian economy. Student will know about Consumer's behavior, Demand analysis, cardinal and ordinal utility. It may also provide the information to the student for elasticity of demand, price, income and cross elasticity of demand. Students will learn about the concepts of statistical methods. Students will know the concepts of supply of money and demand for money, types of money, classical and modern theory of interest, Trade cycle Theory. Students will know demographic features, size, sex ratio, growth rate, migration, Industrial development, Industrial policy, FERA, FEMA, Act. and the Concept of LPG. The students will understand various concepts of Agricultural Economics and they can be well familiar with rural Economy. Students can work efficiently in the field of banking, finance, industry, farming, consumer rights, production, research and trade.</p>