

## **Programme Outcomes (POs) for B.Sc. Programmes**

PO-1: Cultivate a scientific temperament and attitude among graduates, fostering a curious, analytical, and evidence-based approach to understanding natural phenomena.

PO-2: Enhance the quintessential qualities of a science education, including observational skills, precision, analytical thinking, logical reasoning, clarity of thought and expression, systematic approaches, and quantitative decision-making abilities.

PO-3: Empower graduates to excel in various competitive examinations, placement interviews, or pursue postgraduate programs of their choice, facilitating seamless transitions and career advancement.

PO-4: Train learners to extract information, formulate and solve problems systematically and logically, applying scientific principles and methodologies.

PO-5: Offer comprehensive theoretical and practical knowledge across diverse subject areas and courses within the realm of science, encompassing both fundamental and applied aspects.

PO-6: Establish a coherent and interdisciplinary understanding of academic fields, enabling graduates to pursue multidisciplinary and interdisciplinary science careers in the future, including subjects such as Physics, Chemistry, Mathematics, Geography, Computer Science, Botany, Environmental Science, and Zoology.

PO-7: Develop the ability to plan and execute experiments or investigations, analyze and interpret data and information using appropriate scientific methods and techniques.

PO-8: Nurture a scientific temper and contribute to societal advancement through scientific discoveries and innovations that drive rapid progress and development.

PO-9: Enable learners to perform efficiently in diverse fields, including science, engineering, industries, surveying, education, banking, development planning, business, public service, and entrepreneurship, by equipping them with relevant knowledge and skills.

PO-10: Cultivate a mindset and skill set conducive to innovation, encouraging creative thinking, problem-solving, and the application of scientific knowledge to address real-world challenges.