



Programme Outcomes B.Sc. Chemistry

POs	B.Sc. Chemistry Outcomes
✓	Demonstrate a thorough understanding of the fundamental concepts of chemistry including inorganic, organic, physical, analytical, and environmental chemistry.
✓	Apply principles of chemistry and related sciences to solve theoretical and practical problems in laboratory and real-world settings.
✓	Gain hands-on experience in laboratory techniques, including synthesis, analysis, and instrumentation.
✓	Acquire the ability to identify, formulate, and solve scientific problems using chemical principles.
✓	Acquire practical skills in handling chemicals, laboratory instruments, and experimental techniques with a strong emphasis on safety and accuracy.
✓	Analyze experimental data using appropriate tools and statistical methods to interpret results and draw valid conclusions.
✓	Understand the role of chemistry in addressing environmental, industrial, agricultural, and health-related issues.
✓	Develop a research mindset and undertake projects that promote inquiry, creativity, and innovation in chemistry.
✓	Build a foundation for careers in education, research, industry, and entrepreneurship by integrating knowledge with practical and professional skills.
✓	Encourage the pursuit of higher education, research, and continuous self-learning in the field of chemistry.
✓	Students learn to think scientifically, rationally and independently
✓	Upon completion, graduates should be able to understand core chemical concepts, analyze data, solve problems, and communicate effectively about chemistry-related topics.
✓	Learners understand the role of chemistry in various fields, including natural products, biological systems, and environmental science.
✓	This programme makes students eligible to serve in DRDO, Defense, Public sector and private sector.