

## PROGRAMME OUTCOMES (PO):

At the end of the graduate programme at Calicut University, a student would:

PO1	Knowledge Acquisition: Demonstrate a profound understanding of knowledge trends and their impact on the chosen discipline of study.
PO2	Communication, Collaboration, Inclusiveness, and Leadership: Become a team player who drives positive change through effective communication, collaborative acumen, transformative leadership, and a dedication to inclusivity.
PO3	Professional Skills: Demonstrate professional skills to navigate diverse career paths with confidence and adaptability.
PO4	Digital Intelligence: Demonstrate proficiency in varied digital and technological tools to understand and interact with the digital world, thus effectively processing complex information.
PO5	Scientific Awareness and Critical Thinking: Emerge as an innovative problem-solver and impactful mediator, applying scientific understanding and critical thinking to address challenges and advance sustainable solutions.
PO6	Human Values, Professional Ethics, and Societal and Environmental Responsibility: Become a responsible leader, characterized by an unwavering commitment to human values, ethical conduct, and a fervent dedication to the well-being of society and the environment.
PO7	Research, Innovation, and Entrepreneurship: Emerge as a researcher and entrepreneurial leader, forging collaborative partnerships with industry, academia, and communities to contribute enduring solutions for local, regional, and global development.

## PROGRAMME SPECIFIC OUTCOMES (PSO):

At the end of the BSc Chemistry Honours programme at Calicut University, a student would:

PSO1	Understand theoretical concepts and applications across major chemistry subfields, including inorganic, organic, physical, analytical chemistry, and quantum mechanics.
PSO2	Evaluate complex chemical phenomena and real-world problems by applying principles of theoretical chemistry and computational chemistry.
PSO3	Develop practical skills in handling chemicals safely, preparing solutions, conducting experiments, and analyzing chemical species in the lab.
PSO4	Design and execute a project to solve real-world problems following the needs of society and academic research within a stipulated time frame.