

J.J. College of Arts and Science (Autonomous), Pudukkottai

Programme Specific Outcomes– 2023 - 2024

Department of Chemistry

B.Sc. Chemistry USCH	
Upon Completion of the course students would be able to	
PSO1	Students acquire in-depth knowledge of the fundamental concepts in all disciplines of chemistry.
PSO2	Students can disseminate the basics of chemistry and advanced topics and analytical skills in organic, inorganic and physical chemistry.
PSO3	Students will be able develop creativity in academics and research.
PSO4	Students will be able apply digital tools to collect, analyse and interpret data and present scientific findings
PSO5	Gain competence to pursue higher education and career opportunities in chemistry and allied fields.
PSO6	Exhibit leadership qualities to work individually and within a team in organizing curricular, co-curricular and extracurricular activities.
PSO7	Apply the concepts of chemistry to solve problems in the community, entrepreneurial and research pursuits.
PSO8	Exhibit competence in educational, industrial and research pursuits that contribute towards the holistic development to self and community.

M.Sc. Chemistry PSCH	
Upon Completion of the course students would be able to	
PSO1	To prepare the students who will demonstrate respectful engagement with others ideas, behaviors, beliefs and apply diverse frames of reference to decisions and actions.
PSO2	To create effective entrepreneurs by enhancing their critical thinking, problem solving, decision making and leadership skill that will facilitate start-ups and high potential organizations.
PSO3	Design and implement HR systems and practices grounded in researches that comply with employment laws, leading the organization towards growth and development.
PSO4	To produce employable, ethical and innovative professionals to sustain in the dynamic business world.
PSO5	To contribute to the development of the society by collaborating with Stakeholders for mutual benefit.

HEAD OF THE DEPARTMENT
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