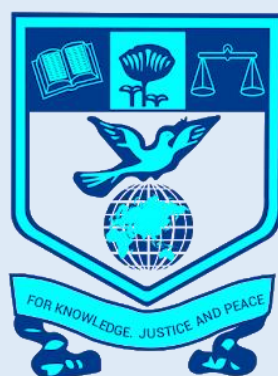


# NEHRU MEMORIAL COLLEGE

(AUTONOMOUS)

NATIONALLY ACCREDITED WITH "A" GRADE BY NAAC

PUTHANAMPATTI, TRICHY- 621007



**DEPARTMENT OF CHEMISTRY**

**UG**

**PROGRAMME SPECIFIC OUTCOME (PSO)**

PSO 1: Apply the knowledge of chemistry in the domain

PSO 2: Solve the complex problems in the field of chemistry with an understanding of the societal, legal and cultural impacts of the solution. Students will be able to demonstrate their knowledge of the fundamentals and technical concepts of chemistry.

PSO 3: **Theory and knowledge:**

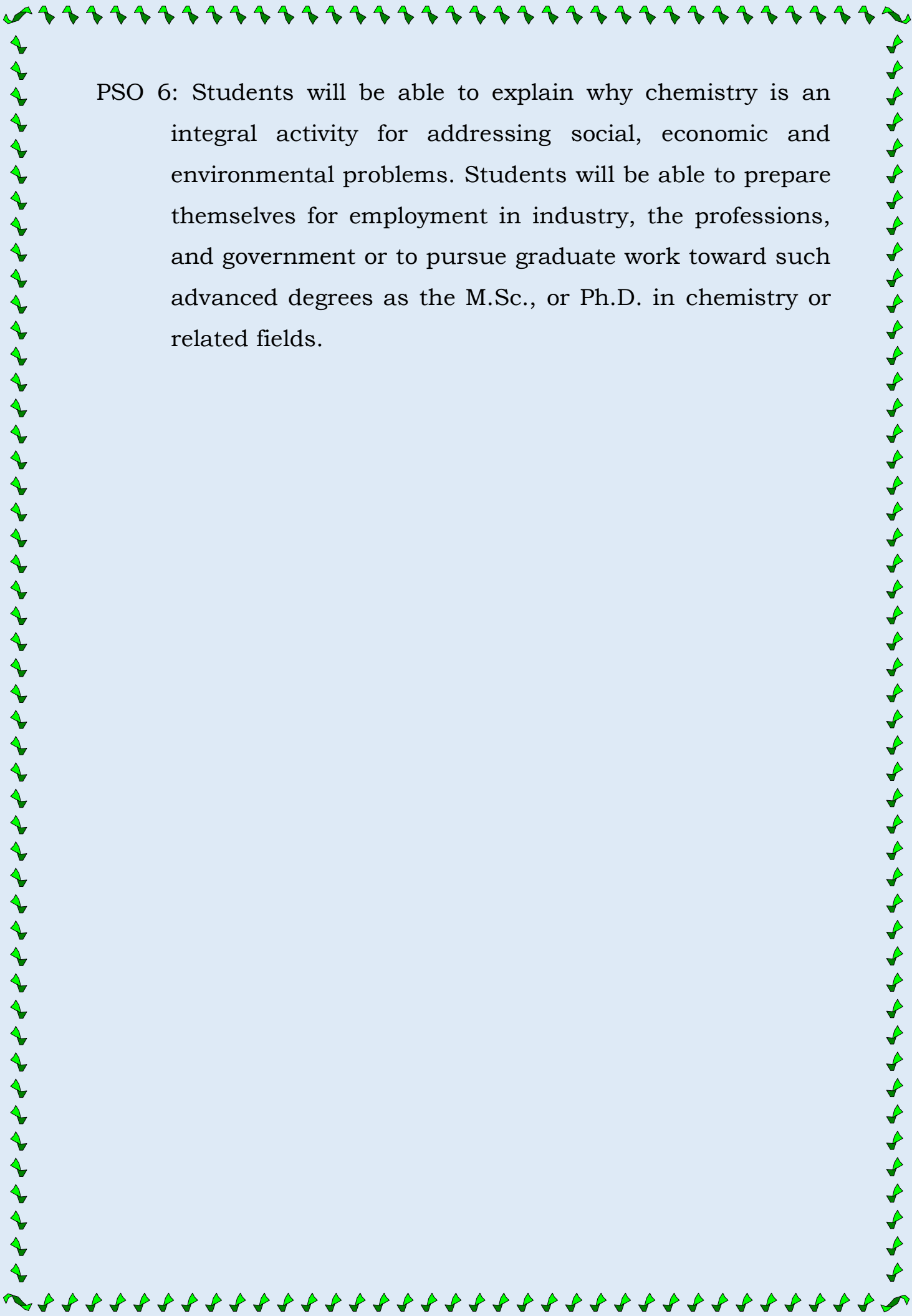
Upon completion of the organic chemistry sequence, chemistry majors are able to recognize and apply principles of atomic and molecular structure to predict chemical properties and chemical reactivity.

PSO 4: **Laboratory skills:**

Upon completion of a degree, chemistry majors are able to employ critical thinking and scientific enquiry in the performance, design, interpretation and documentation of laboratory experiments.

PSO 5: **Quantitative skills:**

Upon completion of chemistry degree are able to interpret and analyze quantitative data. The students are able to understand theoretical concepts of instruments that are most commonly used in most chemistry fields as well as interpret and use data generated in instrumental chemical analysis.



PSO 6: Students will be able to explain why chemistry is an integral activity for addressing social, economic and environmental problems. Students will be able to prepare themselves for employment in industry, the professions, and government or to pursue graduate work toward such advanced degrees as the M.Sc., or Ph.D. in chemistry or related fields.