

*POST GRADUATE DEPARTMENT OF CHEMISTRY,
UNIVERSITY OF JAMMU, JAMMU.*

**Programme Specific Outcomes (PSOs) of the programmes offered by the
University**

M. Sc. CHEMISTRY

PROGRAMME SPECIFIC OUTCOMES (PSO)

The courses are designed in such a manner that the students feel an essence of studying the specialized courses of Chemistry in various semesters with a keen interest. The curriculum of Choice Based Credit System of M.Sc. program in Chemistry is designed to motivate Post Graduate students to achieve the following program specific outcomes:

1. To enable the students to modulate, simulate and validate the advanced concepts related to different branches of Chemistry.
2. To practice and solve numerical problems and also to understand the mechanism of advanced organic/inorganic reactions and various theories associated with the latest developments.
3. To develop communication and other skills for use in a wide range of industrial areas.
4. To give a practical training with the sophisticated instruments/equipments.
5. To create an awareness and the impact of chemistry on the environment, society and development outside the scientific community.
6. To inculcate the scientific temperament in the students and outside the scientific community.
7. To understand good laboratory practices and safety measures and to develop research oriented skills.