

DEPARTMENT OF CHEMISTRY

M.Sc. (Organic Chemistry)

Course Outcomes:

- 1) To improve awareness of Chemistry subject in future life, students are interested in pursuing careers in the area of Chemistry at National & International levels.
- 2) To motivate the students for doing research work on new technologies & methods for chemical synthesis & their wide applications.
- 3) To develop the social awareness which is useful to motivate & inspire to students the Knowledge of chemistry.
- 4) To provide oppourtunities to young UG & PG graduates to reach her highest personnel and job profiles competence.
- 5) This course has introduced the choice based credit system (CBSE).

Program Outcomes:

- 1) The goal of our M. Sc. Chemistry program is to prepare students for main careers in Chemical industry and further analytical chemist, forensic scientist etc.
- 2) Students are trained in practical and theoretical perfect in chemistry.
- 3) To study different chemical reactions and solve the problems of unknown given chemical compounds.
- 4) To utilize all the techniques for identification of chemical compounds, skills and instrumentation techniques newly developed.
- 5) To motivate and easily express effective communication skills with each other.
- 6) To go ahead with Teamwork.
- 7) To enhance the ability to analyze a problem and identify, formulae and use appropriate solution to solve the problems.

Program Specific Outcomes:

- 1) Analytical Expertise: Implements the chemistry knowledge for careers in analytical chemistry.
- 2) Successful Career: Deliver Healthcare Scientist, clinical biochemistry, forensic scientist with the help of chemistry.
- 3) Soft Skills: Develop leadership skills as chemical engineer and pharmacologist with effective understanding the knowledge of chemistry.
- 4) Continuing Chemical Awareness: With identification of chemicals in food poisoning , it is need to continue development of life-long learning.