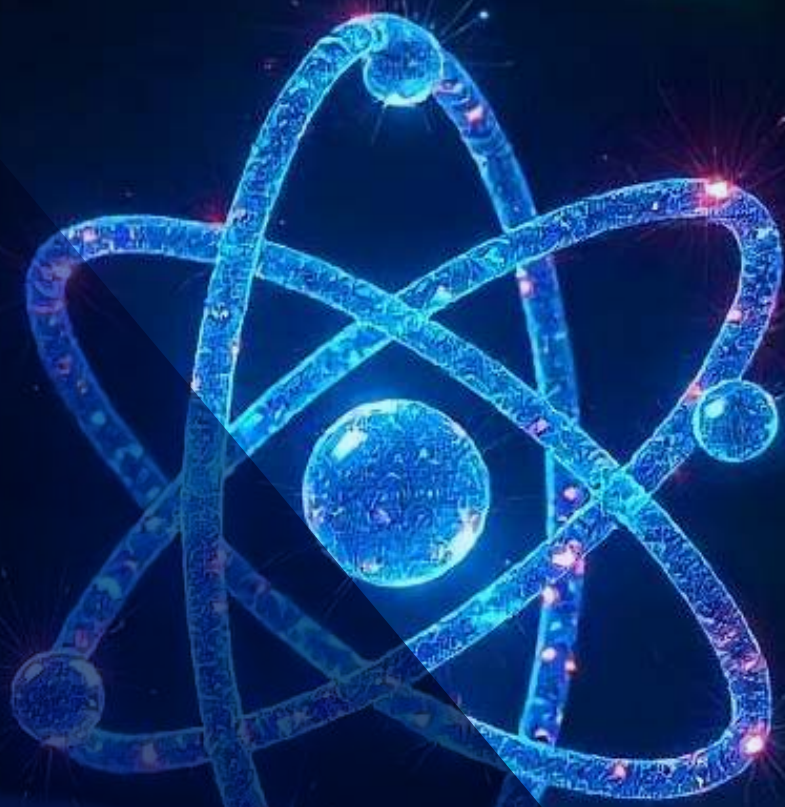
TRANSFORMING
YOUR
PASSION
INTO
PROFESSION



Centre for Liberal
and Advanced Studies

# MS CHEMISTRY PROGRAM

**Seats: 10** | **Course Duration: 2 years**

## Program Overview

The MS in Chemistry program is typically a two-year graduate degree focusing on advanced study and research in various branches of chemistry, such as organic, inorganic, physical, analytical, and biochemistry. Students engage in a mix of coursework and independent research. In the final year, students indulge in project work with a faculty. The program prepares graduates for careers in research and development and government laboratories or serves as a stepping stone to a PhD program.

## Admission Process

- **35%** PAST ACADEMIC & EXTRA-CURRICULAR PERFORMANCE
- **35%** APPLICATION STRENGTH-QUALITY OF STATEMENT OF PURPOSE
- **30%** APTITUDE TEST PERSONAL INTERVIEW LOR.

## ADMISSIONS

The admission will be based on the JAM score.

## ELIGIBILITY

The candidates who have passed the B.Sc in Chemistry with a minimum 60% aggregate.

## Why Join the **MS Chemistry Program?**

- If you have a strong interest in chemistry and want to deepen your knowledge, the MS program provides advanced coursework and research opportunities to build expertise in specialized areas.
- Students will be prepared to pursue PhD in government or international laboratories.

## What will you learn from the **Program?**

- Students will deepen their understanding of core and advanced chemistry courses.
- They will gain hands-on experience with cutting-edge laboratory techniques, instrumentation, and experimental methods used in chemical research. This includes techniques for the synthesis, purification, and analysis of chemicals.
- Through research projects and coursework, they'll learn how to design and conduct scientific experiments, analyse data, and interpret results. They will also develop critical thinking and problem-solving skills to address complex chemical questions.

## USPs of the Program

**The MS in Chemistry program offered is unique and prestigious due to the following USPs:**

The program provides thorough knowledge in specialized fields allowing students to gain expertise in Career relevant areas.

Students often engage in cutting-edge research, working alongside experienced faculty members in well-equipped labs, which helps them develop practical skills and contribute to scientific advancements.

## Key Features of our Program

- The program offers an in-depth study of core chemistry areas such as organic, inorganic, physical, and analytical chemistry, with opportunities to specialize in advanced topics.
- Students will have access to cutting-edge laboratory equipment and technologies, gaining practical experience with advanced tools.
- A significant portion of the program is dedicated to research, where students gain hands-on experience in laboratories, conducting experiments, analyzing data, and contributing to scientific advancements in chemistry.
- They will be prepared for pursuing PhD from national and international research institutes.