

 **IILM UNIVERSITY**

Greater Noida



**POSTGRADUATE PROGRAM
SCHOOL OF SCIENCES (SOS)**

**DEPARTMENT of CHEMISTRY
AND ENVIRONMENTAL
SUSTAINABILITY**



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IILM University provide students with an education that is both **intellectually stimulating and practically relevant**. We equip learners with the knowledge, skills, and experiences needed to achieve their full potential and make a meaningful difference in the world. Through a wide range of innovative programs, we prepare students for **successful careers** while inspiring them to create a **positive social impact**. True to our values, we foster an inclusive and diverse learning community that is deeply committed to **responsibility, leadership, and lifelong learning**.

SCHOOL of SCIENCES

The **School of Sciences at IILM University, Greater Noida** offers a unique blend of academic rigor, interdisciplinary learning, and industry relevance. With programs such as *B.Sc. Mathematics with Data Analytics*, *M.Sc. Industrial Chemistry*, and *M.Sc. Mathematics with Data Science*, the School equips students with strong theoretical foundations and practical skills. Supported by modern laboratories, research opportunities, internships, and skill-based workshops, students gain real-world exposure and hands-on experience from the very beginning of their academic journey.

Set in a vibrant 26-acre green campus, the School fosters holistic development through cultural events, student clubs, sports, and leadership activities. Highly qualified faculty with PhD backgrounds bring both academic expertise and industry insights to the classroom, while strong industry linkages, global alumni connections, and a legacy of 30+ years ensure excellent career pathways. In essence, the School of Sciences is where **curiosity meets innovation** and students are empowered to become scientists, researchers, and leaders of tomorrow.

M.Sc. (Industrial Chemistry)

About the Program

MSc. Industrial Chemistry is a postgraduate program that focusses on applying chemical principles on to industrial processes. It aims to provide students with advanced knowledge and practical skills in Chemistry, focusing on its industrial applications. The program provides a comprehensive knowledge of chemical processes and innovations.

The key objective of the program for the students is to:

- Develop advanced chemical knowledge
- Enhance practical & research skills
- Understand Industrial Processes
- Promote Sustainable & Green Chemistry
- Prepare for Industry & Research Careers
- Encourage Innovation & Problem-Solving

Duration & Eligibility

- Two-year program full time with two semesters per year.
- Graduation with Chemistry as one of the subjects and have scored at least 50% aggregate.

Mode of Selection

- Admission to this course is offered based on the score/marks obtained in the graduation exam, solely merit based and fulfilling the eligibility criteria.
- Candidates appearing for final examinations of their Bachelor's programme can also apply and if selected can join the programme provisionally.

Programme Highlights

Our MSc in Industrial Chemistry program combines rigorous academic training with hands-on laboratory experience, ensuring that students are well-prepared for the challenges of the industry. Students will explore core concepts in chemistry while also gaining specialized knowledge in areas such as polymer chemistry, process engineering, and sustainable chemical practices.

Employability

The following career paths possibly open as a result of pursuing the degree:

1. Chemist (Organic / Analytical / Material)
2. Junior Research Associate
3. Pharmaceutical Sales Executive
4. Chemistry Faculty
5. Quality Control Chemists
6. Hazardous Material Management Chemist



Career Options

- Education sector (Government & Private Colleges & Universities)
- Engineering Firms (TATA, TCS, INFOSYS)
- Food Institutes (Dabur, Patanjali)
- Forensic Crime Research (CBI, Investigative Bureau)
- Industrial Laboratories (Ranbaxy, Jubilant Life Sciences, Sun pharma, Cipla),
- Material Testing Laboratories
- Technical Journals
- Waste water Treatment Plants

Higher Education Options

- UPSC examination
- Staff Selection Commission Examination
- Intelligence Bureau
- PhD: Analytical Chemistry, Applied Chemistry, Industrial Chemistry, Inorganic Chemistry (Nuclear & Radiochemistry) & Organic Chemistry



Apply Now!

For more details, visit our
website

(www.iilm.ac.in) or contact our admission office.