



**GSFC**  
**UNIVERSITY**  
EDUCATION RE-ENVISIONED



# **M.Sc. CHEMISTRY**

**Where Molecules Meet Careers**

**SCHOOL OF SCIENCE**

# GSFC UNIVERSITY

## Shaping Future-Ready Professionals

Established under the Gujarat Private Universities Act, 2009 in 2014, GSFC University is promoted by Gujarat State Fertilizers and Chemicals Ltd. (GSFC Ltd.) as a part of its CSR initiative, carrying forward a strong legacy of community development through quality education.

The University comprises three dynamic schools—School of Technology (SoT), School of Science (SoS) and School of Management & Entrepreneurship (SoM&E). A standout feature is the mandatory industry internship after every semester, ensuring students graduate as highly skilled and industry-ready professionals. Additionally, a foundation program in the first semester builds essential soft skills and character for academic excellence.



## School of Science

### Innovation Meets Excellence

Established in 2018, the **School of Science** has rapidly evolved into a center of **industry-aligned, future-focused education**, offering B.Sc., M.Sc. and Ph.D. programs in Chemistry, Microbiology, Biotechnology and Data Science.

With a curriculum aligned to **NEP 2020**, the School combines strong theoretical foundations with hands-on learning. Its **world-class laboratory infrastructure**, smart classrooms and strong industry collaborations create an ecosystem that nurtures **research excellence, practical skills, and innovation**.



# M.Sc. Chemistry

## A Flagship, Industry-Driven Program

The M.Sc. Chemistry program is a unique and flagship offering, designed to bridge academia and industry. Students can specialize in **Organic Chemistry** or **Analytical Chemistry** while pursuing an **industry-designed Minor Degree in Industrial and Sustainable Chemistry**.

Co-developed with industry experts (including Heubach Colour Pvt. Ltd.), the program emphasizes:

- Green skills and sustainability
- Hands-on industrial exposure through internships every semester
- Strong research and application-oriented learning



Graduates emerge with deep domain expertise, industry-relevant skills, and future-ready competencies.

## Program Highlights

- Industry-integrated curriculum with internships every semester
- Focus on green chemistry and sustainable practices
- Exposure to advanced research and real-world applications
- Strong mentoring by academicians and industry experts

## Program Structure

A two-year, four-semester program combining core courses, electives, minor degree courses, internships, viva and dissertation. The curriculum follows UGC guidelines and emphasizes experiential learning through labs, projects, simulations, workshops and industry engagement.

**Internships :** 1<sup>st</sup> to 3<sup>rd</sup> semester

**Dissertation :** 3<sup>rd</sup> and 4<sup>th</sup> Semester (Along with Regular Courses)

**Specializations :** Organic Chemistry / Analytical Chemistry



## Eligibility & Admissions

Candidates with  $\geq 55\%$  are eligible for **direct admission through interaction**, while those with **50–55%** qualify via a **60-minute Admission Competitive Test (ACT)** and/or interaction. The ACT covers subject knowledge, aptitude and communication skills (**no negative marking; minimum 50% to qualify**).

- Final-year students may apply
- 20% seats reserved for GSFC students; 80% open on All-India basis
- Admissions are merit-based, with provision for re-test and category conversion as per norms

## Your Gateway to a Successful Career in Chemistry

At GSFC University, the M.Sc. Chemistry program empowers you with knowledge, skills, and industry exposure to excel in research, industry, and emerging technologies—making you truly future-ready.



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log on to [www.gsfcuniversity.ac.in](http://www.gsfcuniversity.ac.in)



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