



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

# Integrated B.Sc. – M.Sc. Data Science

## Shaping Future Ready Professionals



# GSFC UNIVERSITY

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**.

## 5-Year Integrated B.Sc. (Hons.) M.Sc. Data Science Program

### Flexible. Interdisciplinary. Future-Ready.

The Integrated B.Sc.–M.Sc. Data Science Program is a future-oriented, NEP-aligned program designed to develop strong analytical, computational, and problem-solving skills for the data-driven world. The program offers flexible exit options, allowing students to earn recognized qualifications at different stages:



**B.Sc.  
Data Science**



**B.Sc. (Hons.)  
Data Science**



**Integrated B.Sc. (Hons.)  
M.Sc. Data Science**

This progressive structure enables students to build a strong foundation in data science, while gaining expertise in high-demand interdisciplinary domains, aligned with the vision of NEP 2020.

## Program Highlights

- UGC & NEP-aligned curriculum with continuous updates by academic and industry experts
- Semester-wise internships providing strong industry exposure
- Learning from industry professionals and academic leaders
- Integration of NPTEL and skill-based modules
- Access to advanced, world-class laboratory and computing infrastructure
- Focus on innovation, analytics, and real-world problem solving

# Program Structure

A 5-year (10-semester) program integrating core courses, electives, internships, viva, and dissertation, with a strong emphasis on experiential and industry-linked learning.

**Multiple Exit Options** : After 3rd, 4th, or 5th year

**Internships** : From 2nd to 5th semesters (progressive exposure)

**Dissertation/Project** : Final years

# Shape the Future with Data

This integrated program equips students with cutting-edge data science skills, industry exposure, and analytical expertise, preparing them to excel in analytics, AI, research and emerging technology domains in a rapidly evolving digital world.



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

Anviksha, Fertilizernagar, Vadodara

For more information,  
Call us at 0265-3093740/+91 75730 02444 or  
log on to [www.gsfcuniversity.ac.in](http://www.gsfcuniversity.ac.in)



GSFC\_University



gsfcuniversity



gsfcuniversity



gsfcuniversity



gsfcuniversity