



GSFC
UNIVERSITY
EDUCATION RE-ENVISIONED

M.Sc. Data Science

Master the Data. Lead the Future.

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. Data Science

Powering the Data-Driven Future

In today's digital era, **data is the new power**, driving decisions, innovation, and global transformation. The **M.Sc. Data Science program at GSFC University** is designed to equip students with a powerful blend of **Mathematics, Statistics and Computer Science**, enabling them to analyze complex data and solve real-world problems.

This **two-year, four-semester program** focuses on applying advanced analytical and computational techniques to **big data**, supported by **hands-on learning and mandatory internships after every semester**. Students gain both theoretical depth and practical expertise, preparing them for careers in **R&D, industry, and academia**, with strong placement support.

Program Highlights

- Strong foundation in data analytics, interpretation, and real-world applications
- Expertise in solving complex and emerging technological challenges
- Development of analytical thinking and research capabilities
- Effective communication of data-driven insights
- Ability to address industrial, societal, and ethical challenges

Program Structure

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

Internships : 1st to 3rd semester

Dissertation / Project : Entire 4th Semester

Electives : Final years

Eligibility & Admissions

Candidates with $\geq 55\%$ in B.Sc./B.E./B.Tech are eligible for **direct admission through interaction**, while those with 50–55% must appear for a **60-minute Admission Competitive Test (ACT)** and/or interaction. The ACT includes objective questions on subject knowledge, English, aptitude, and reasoning (**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

Eligible backgrounds include **Statistics, Mathematics, Physics, Computer Science, Economics, Econometrics, Operational Research, Engineering (CS/IT/Electronics/Electrical), BCA, B.Sc. (IT), and B.Sc. (Data Science)**. Final-year students may also apply, subject to submission of results.

Your Pathway to a Data-Driven Career

The M.Sc. Data Science program at GSFC University empowers you with **cutting-edge skills, industry exposure, and analytical expertise**, preparing you to excel in the rapidly evolving **data-driven world**.



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