

Gujarat Biotechnology University

M. Sc. Admission Brochure 2024

About GBU

Gujarat Biotechnology University (GBU) is a Government funded public university, located in GIFT CITY Gandhinagar, Gujarat, India. GBU was established in 2018, by the Department of Science & Technology (DST), Government of Gujarat, under the Gujarat Biotechnology University Act, of the Gujarat Legislature. GBU is India's first Biotechnology University, offering M. Sc. and Ph. D. programs. GBU has a collaboration with the University of Edinburgh (UoE), United Kingdom, to ensure global standards of education through innovative, and active learning-based curricula, in addition to industrial engagement. Every year, 25 students of M.Sc will be funded by DST, Govt. of Gujarat for conducting research projects at the University of Edinburgh, U.K.

Mision

GBU aims to develop future-ready professionals who can address the challenges of translational research for societal problems by developing globally competitive, research & innovation-focused ecosystems. GBU's mission is to be among the top 20 R&D-focused institutions in the world.

Vision

GBU envisions a world-class, research-driven academic institution with a foundry of transformational knowledge to train and prepare biotech scientists in cutting-edge, product-focused research. GBU aims to create and deliver groundbreaking, novel, and innovative products for the India of tomorrow.

Programs & specializations

GBU offers M. Sc. programs in biotechnology with specialization in one of the following disciplines:

1. Animal Biotechnology
2. Environmental Biotechnology
3. Industrial Biotechnology
4. Medical Biotechnology
5. Plant Biotechnology

Faculty trained within India and abroad are onboarded to teach modern aspects of biotechnology and entrepreneurial skills.

Facilities and infrastructure

GBU spans over 20 acres of land situated in the futuristic Gujarat International Finance Tec (GIFT)-City, Gandhinagar, Gujarat. GBU is equipped with modern facilities including:

- State-of-the-art laboratories
- Modern classrooms
- Bioinformatics & Data Science Lab
- Auditorium
- Library- e journal access
- Sports & gym facility
- Canteen

Major research equipment

- DNA sequencing facility
- High Throughput Genotyping system
- High resolution Mass Spectrometer
- HPLC
- LC-MS
- GC (FID/TCD & MS-MS)
- FPLC
- qRT-PCR
- Advanced microscopy - Confocal, Fluorescence
- 3D bioprinter
- Plant & Animal Cell Culture Facility
- FTIR
- Isothermal Calorimetry
- Zetasizer
- Bioreactors
- Algal Growth chambers
- Raman Spectroscopy
- High-end image based FACS
- Bioinformatics and Data Science Lab
- CD Spectroscopy
- Biolayer Interferometry
- Biolistic Facility (Gene Gun)
- Biosafety Facility

Admission procedure

Admission to GBU M.Sc. program is based on the Graduate Aptitude Test- Biotechnology (GAT-B) first. The merit list shall be prepared based on the marks/ scores obtained in the GAT-B 2024 exam. The remaining seats will be filled with IIT-JAM 2024 and then CUET-PG 2024 (Life Science & Biotechnology) scores; for this, keep visiting GBU website regularly. Admission forms are available at www.gbu.edu.in.

Stipend

A monthly stipend of Rs. 5000/- to all the students enrolled in the master's degree programme at GBU will be provided. Additionally, an amount of 5000/- will be offered by GBU as a partial support towards accommodation.

Eligibility

- A. Bachelor's degree in any field of science/technology as a subject in a 10+2+3/4/5 pattern of education with
 - a. (i) A minimum of 55% marks for GEN/OBC (50% for SC/ST) category in aggregate or as specified by the university/institute,
 - b. OR (ii) A minimum CGPA of 5.5 for GEN/OBC (5.0 for SC/ST) category on a scale of 10; with corresponding proportional requirements when the scales are other than 10 (for example 5.2 for GEN/OBC category (4.8 for SC/ST) on a scale of 8).
- B. Only GAT-B 2024 qualified candidates, i.e Students who have scored above the declared cut-off category-wise and have their names on the official merit list of GAT-B as declared by NTA, shall be considered first for admission to M.Sc. degree programs at GBU.
- C. However, if seats remains still vacant after the GAT-B 2024 admission round, students who have successfully cleared or scored above the declared cut-off category-wise of JAM 2024 and after it if still seats are vacant, students who have successfully CUET PG 2024; can be considered for the remaining seats after due approval from competent authorities.

Reservation policy

The reservation policy for M.Sc. admission at GBU is as per prevailing norms of Gujarat Government. The details of different categories are available in the online application form.

Tuition fees

The tuition fees payable for students admitted to M.Sc. degree programs at GBU for the academic year 2024-2025, for each semester, are as follows:

	Semester- 1	Semester- 2	Semester- 3	Semester- 4
Fees (in INR) - For SC, ST candidates	22000/-	16500/-	16500/-	16500/-
Fees (in INR) - For all others	44000/-	33000/-	33000/-	33000/-

*Note: The fees shall be paid online.

- The students shall pay an amount of tuition fee as token fee to confirm their seat during admission. The token fees shall be Rs. 15,000/-. The remaining fees of the first semester shall be paid within 15 days of the token fee submission or as notified by the competent authority.
- Students getting admission have to pay the token fee in the stipulated time period, failing which the admission will stand cancelled and the seat would be offered to the next eligible applicant as per norms.
- The seats shall be filled based on the merit prepared by the admission committee, considering the GAT-B 2024, IIT-JAM 2024 & CUET-PG 2024 (Life Sciences & Biotechnology) score/marks obtained by the candidates. The merit list shall be prepared category-wise and contain the following details:
 - Candidate name
 - Roll number
 - Score / Marks
 - GBU merit number
 - Applicable category
 - Admission seat category

Tentative admission time frame

Sr. No.	Event steps	Date
1	The online admission application form live on GBU website	27/05/2024
2	Last date for filling up the online form on the GBU website	10/06/2024 Midnight 12 o'clock
3	Display of merit list by GBU on the website	21/06/2024 6.10 PM
4	Last date for payment of token fees of Rs. 15,000/- for confirmation of seat	26/06/2024 Midnight 12 o'clock
5	Display of vacant seats for additional round of merit list	28/06/2024 6.10 PM
6	Last date for payment of token fees of Rs. 15,000/- for confirmation on vacant seats	02/07/2024 Midnight 12 o'clock
7	Display of Vacant Seats and Admission on vacant seat through merit list / counseling	03-12/07/2024
8	Physical Reporting of Students at GBU and Beginning of M.Sc. 2024 Academic Session	15/07/2024
9	Orientation and Induction Program	15-31/07/2024
10	Commencement of Semester - 1	01/08/2024