



Biotechnology Program

School of Science



GSFC
UNIVERSITY
EDUCATION RE-ENVISIONED

About GSFC University

GSFC University is recognized under the Gujarat Private University (Second Amendment Act-2009, on 18th December 2014) and is established by the GSFC Education Society – as Corporate Social Responsibility (CSR) initiative of Gujarat State Fertilizers and Chemicals Ltd, six decades old industrial giant, to continue the tradition of serving the community in multiple ways. The vision behind establishing this distinct University is societal development through relevant and cutting-edge knowledge in frontier areas of professional growth. Our educational abode dwells on the philosophy of "Buddhi Gyanen Shudhayanti". It means purification of mind and intellect through knowledge, which is vital to human life. It strengthens the path of success toward perfection. All the while being compassionate towards mankind and society at large. A huge banyan tree is a part of our logo. It symbolizes multiple roots of innovation that sprout toward sustainable growth. The rising Sun in the background of a banyan tree in the logo, symbolizes a plethora of opportunities for accomplishment in life. Augmenting cutting-edge skills is the core determination of GSFC University. Students at GSFC University receive a unique opportunity in the form of hands-on training in the industry besides the classroom learning that gears them for their career development in multiple ways.



Vision

GSFCU strives to be the best compact boutique institution with a futuristic approach, encouraging student-centric culture and sharpened focus on developing industry-ready & employable students with all-around development.

Mission

- Establish an institution, which promotes creativity and innovation
- Develop unique quality standards for academic excellence and pedagogical innovations
- Remain agile through learning ecosystem with flexible processes & systems
- Holistic growth for industry readiness

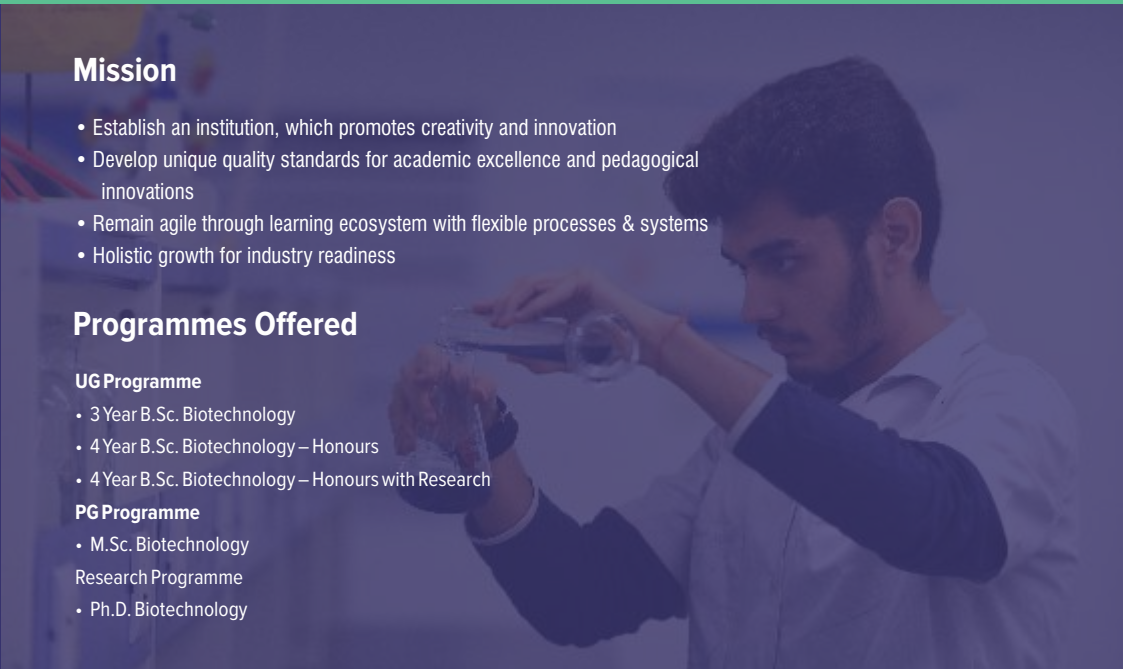
Programmes Offered

UG Programme

- 3 Year B.Sc. Biotechnology
- 4 Year B.Sc. Biotechnology – Honours
- 4 Year B.Sc. Biotechnology – Honours with Research

PG Programme

- M.Sc. Biotechnology
Research Programme
- Ph.D. Biotechnology



About the Program

B.Sc. Biotechnology Embark on an awe-inspiring voyage where the infinite possibilities of science intertwine with the realms of cutting-edge technology and groundbreaking engineering. At GSFC University, our unwavering dedication resonates through our unwavering pledge to maintain unparalleled academic excellence, ensuring a remarkable educational experience that sets new benchmarks. Welcome to the esteemed School of Science at GSFC University, where we proudly present an awe-inspiring B.Sc. Biotechnology Program, meticulously crafted to align with the visionary National Education Policy (NEP) 2020. This program has been ingeniously designed, drawing inspiration from the revered "Curriculum and Credit Framework for Undergraduate Programs" recommended by the UGC. It seamlessly integrates a flexible choice-based credit system and an invigorating multidisciplinary approach, igniting a true passion for learning.

The Bachelor of Science (B.Sc.) Biotechnology Program of 3 years, offered over six semesters, provides a comprehensive and rigorous academic curriculum that lays a strong foundation for students to gain a deep understanding of the subject and its practical applications for further research. The 4 year B.Sc. Biotechnology Program spans over eight semesters (four years), strategically laying a strong foundational understanding of subjects, while delving into practical applications and recent developments. Every semester, students have the unique opportunity to immerse themselves in industrial internships, acquiring both theoretical knowledge and hands-on experience. Our specialized Biotechnology courses cater to the demands of a dynamic industrial landscape, setting the stage for prosperous careers in research and development, industries, and academic institutions. Furthermore, the institute may provide

placement opportunities to our aspiring graduates. As an epitome of academic excellence, GSFC University offers a seamless transition for our students to pursue a Master's Degree. Upon completing the four-year B.Sc. program, students have the remarkable opportunity to enroll in a One-Year Master's Program at the prestigious School of Science, GSFC University, propelling their educational journey to greater heights.

M.Sc. Biotechnology Science serves as the fundamental basis for all technological and engineering innovations. Given the constantly evolving landscape of Science and Technology on both national and international levels, there exists an increasing demand for a strong foundation in the basic sciences, coupled with extensive knowledge of their practical applications. GSFC University is committed to upholding high academic standards. The M.Sc. Biotechnology Program, spanning four semesters (two years), is designed to provide a robust foundation in basic subjects while covering recent developments in their applications. Students will acquire theoretical and practical knowledge through industrial internships after each semester. The specialization course in biotechnology is tailored to meet the latest demands of the industrial sector. This program provides an opportunity for students to pursue careers in R&D, industries, and academic institutions. The Institute may offer placement opportunities to students.

Ph.D. biotechnology School of Science, GSFC University offers its Ph.D. under the guidelines prescribed by the University Grants Commission (UGC). The structure of the program is designed to produce students with rigorous research and analytical skills, who are exceptionally well-equipped to go onto Postdoctoral research, or employment in industry and the public service.



B.Sc. Biotechnology

Registration Fees

The registration fee for submitting an online application form is **Rs. 600/-** (Rupees Six Hundred Only), which is to be paid online. (Non - Refundable)

Eligibility

- Applicant must have passed 12th or equivalent Examination (Science Stream) with B Group from the recognized Board including NIOS securing a minimum 50% mark in aggregate of all the subjects. (45% for SC/ST/OBC-Non-Creamy Layer / PD / EWS). For Biotechnology and Microbiology student must have Biology as one of the main subjects in 12th or equivalent boards.
- Applicant with 12th or equivalent from International Schools, affiliated to foreign education boards like IGCSE (International General Certificate for Secondary Education) and IB (International Baccalaureate) can apply, they have to submit equivalence certificate of Association of Indian Universities, New Delhi

Admission Process

- Admission based on Merit only, Selection of the Applicants for admission would be based on the percentage of SSC & H.S.C Examination and Interaction with the concerned faculty.

M.Sc. Biotechnology

Registration Fees

The registration fee for submitting an online application form is **Rs. 600/-** (Rupees Six Hundred Only), which is to be paid online. (Non - Refundable)

Eligibility

- Applicants must have passed B.Sc. Degree (Biotechnology, Biology, Chemistry, Microbiology, Biochemistry, Zoology, Botany, Life Sciences, Biological Sciences, Agricultural, Veterinary & Dairy Sciences, Pharmacy, Genetics, Bio-informatics or B. Tech./BE in Biotechnology or Biomedical Engineering) or equivalent (10+2+3) from any University recognized by UGC in relevant subjects with minimum 50% marks (45% for SC/ST/OBC –NL/EWS/PD) as aggregate of all semesters/years.

Admission Process

- Admission based on Merit only, Selection of the Applicants for admission would be based on the percentage of Graduation and Interaction with the concerned faculty.

Ph.D Biotechnology

Registration Fees

The registration fee for submitting an online application form is **Rs.600/-** (Rupees Six Hundred Only), which is to be paid online. (Non-Refundable)

Eligibility

- Applicants must have M.Sc. / M.Phil. in Biotechnology (Regular Mode) with minimum 55% aggregate marks

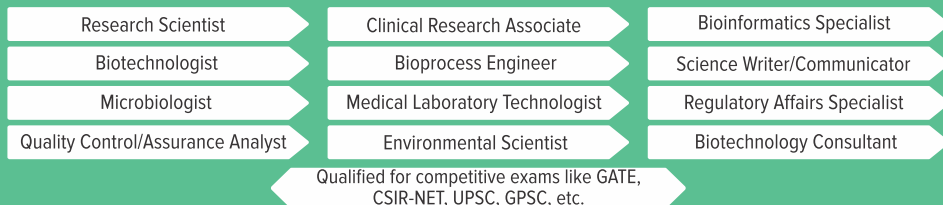
Admission Process

- Applicants seeking admission to the Ph.D. program must apply in the prescribed format through the GSFC University Admission Department.
- Eligible Applicants will be required to appear for an entrance test conducted by the University, followed by an interview before the Doctoral Committee of GSFC University.

Exception from Entrance Test

- The following Applicants are exempted from the entrance test:
- Scientists/Professionals with minimum 5 years of experience and at least one publication in a refereed journal, or 10 years of experience in Government of India / State Government / Corporate Bodies / R&D Divisions.
- Applicants who have qualified GATE / NET / SLET or other similar national-level examinations conducted by government bodies.
- Applicants who have been awarded fellowship or scholarship from State or Central Government agencies for pursuing Ph.D.

Career opportunities



Intake

B.Sc. Biotechnology
90 Seats

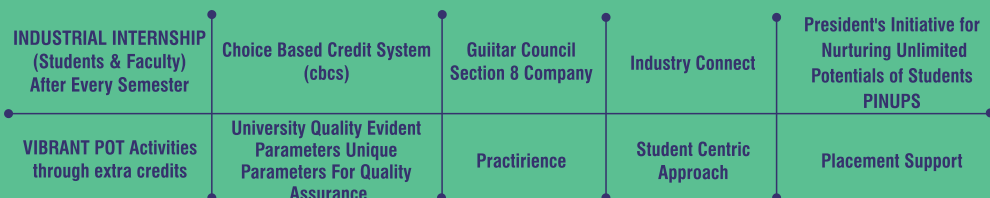
M.Sc. Biotechnology
30 Seats

Ph.D. biotechnology
04 Seats

Medium of Instruction

ENGLISH

Special Features



Visit GSFCU Campus Today!



GSFC
UNIVERSITY
EDUCATION RE-ENVISIONED

GSFC University, Vigyan Bhavan,
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Call us at 0265-3093740 / 07573002444 or
log on to www.gsfcuni.edu.in

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SCAN TO APPLY