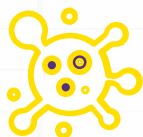
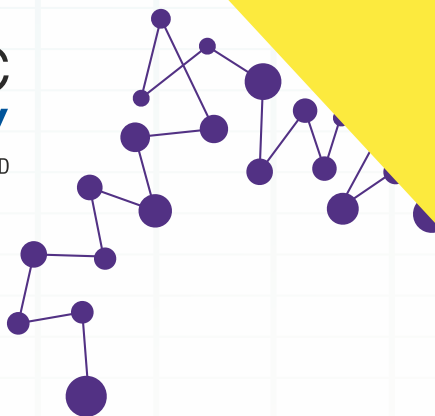


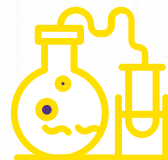


GSFC
UNIVERSITY
EDUCATION RE-ENVISIONED



MICROBIOLOGY PROGRAM

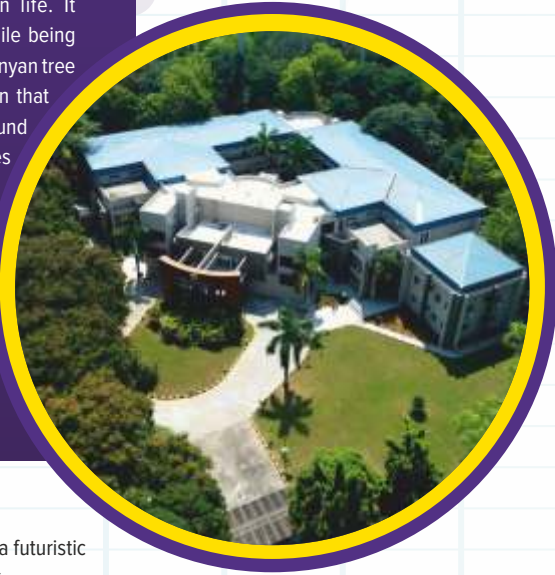
SCHOOL OF SCIENCE



About GSFC University

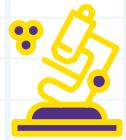
GSFC University is recognized under the Gujarat Private University (Second Amendment Act-2009, on 18th December 2014 and is established by the GSFC Education Society – as Corporate Social Responsibility (CSR) initiative of Gujarat State Fertilizers and Chemicals Ltd, six decades old industrial giant, 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 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 a learning ecosystem with flexible processes & systems.
- Holistic growth for industry readiness.

Programmes Offered

UG Programme

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

PG Programme

- 2 Year M.Sc. Microbiology

Research Programme

- Ph.D. Microbiology



About the Program

Embark on an extraordinary odyssey where the limitless power of science converges with the realms of technology and engineering. As the world witnesses an unprecedented surge of breakthroughs on the national and global stage, the hunger for a profound grasp of fundamental sciences and their practical applications has reached unprecedented heights. At GSFC University, our unwavering dedication to excellence fuels our relentless pursuit of academic brilliance, setting us apart as torchbearers of exceptional educational standards.

Welcome to the esteemed School of Science at GSFC University, where we proudly present an awe-inspiring B.Sc. Microbiology 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 B.Sc. Microbiology 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 Microbiology 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.

The M.Sc. Industrial Microbiology Program is designed for Four Semesters (Two Years) in such a way that a good basic foundation of subjects is laid and applications along with recent developments are covered. Students will also get theoretical and practical knowledge by undergoing industrial internship after every semester.

The more focused specialization course of Industrial Microbiology is designed to fulfill recent demands of industrial career. The M.Sc. Industrial Microbiology Program provides an opportunity to make a career in R&D, Industries and Academic Institutions. Opportunity for the placement may be provided by the Institute.

Furthermore, 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.

Intake

60 seats, For UG Programme | 20 seats, For PG Programme | 04 seats, For PhD





B.Sc. Microbiology

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. Microbiology

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 Microbiology

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

- Research Scientist
- Biotechnologist
- Microbiologist
- Quality Control/Assurance Analyst
- Clinical Research Associate
- Bioprocess Engineer
- Medical Laboratory Technologist
- Environmental Scientist
- Bioinformatics Specialist
- Science Writer/Communicator
- Regulatory Affairs Specialist
- Biotechnology Consultant
- Qualified for competitive exams like GATE, CSIR-NET, UPSC, GPSC, etc

SPECIAL FEATURES

- INDUSTRIAL INTERNSHIP(Students & Faculty)After Every Semester
- Choice Based Credit System (CBCS)
- Gujarat Council Section 8 Company
- Industry Connect
- Recognized as UG-BT-CBC by GSBTM
- VIBRANT POT Activities through extra credits
- University Quality Evident Parameters
Unique Parameters For Quality Assurance
- Practirience
- Student Centric Approach

RESEARCH ACTIVITIES



Dissertation



Internship



Seminar



Project Work



Conferences



Workshop

Visit GSFCU Campus Today!



**GSFC
UNIVERSITY**
EDUCATION RE-ENVISIONED

GSFC University, Vigyan Bhavan,
P. O. Fertilizer Nagar, Vadodara - 391750, Gujarat, India

For more information: admission@gsfconiversity.ac.in
Call us at 0265-3093740 / 07573002444 or
log on to www.gsfconuni.edu.in

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SCAN TO APPLY