

## B.Sc. Microbiology Program

### Frequently Asked Questions

**Question 1:** Where is GSFC University located?

**Answer:** GSFC University is located in lush green campus of Fertilizernagar, Vadodara (Pin: 391 750). This allows easy access to University students and faculties to GSFC's 22 plants situated in less than one km radius. Also, it helps in keeping bond between University and industry alive. It enables in exposing students to work place environment frequently and to make them industry ready.

**Question 2:** What is the duration of the course?

**Answer:** B.Sc. (Microbiology)-3 year full-time regular course (Six semesters).

**Question 3:** What are the eligibility criteria?

**Answer:** Candidate must have passed 12th or equivalent (Science Stream with Biology Background) Examination from the recognized Board excluding NIOS securing a minimum 45% mark in aggregate of all the subjects. (40% for SC/ST/OBC-Non-Creamy Layer / PD / EWS). For Biotechnology, student should have Biology as one of the main subjects in 12th or equivalent. Applicants 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.

**Question 4:** What is the mode of the B.Sc. (Microbiology) entrance test 2021?

**Answer:** The B.Sc. entrance test 2021 will be conducted in the computer-based MCQs test on campus.

**Question 5:** How many seats are available for admission to the programme?

**Answer:** 45 seats

**Question 6:** What is the status of GSFC University?

**Answer:** GSFC University has been established as a Private University under Gujarat Private Universities Act 2009, as amended by Second amendment 2014 and notified on December 19, 2014 by the Govt. of Gujarat. GSFC University is authorized to award degrees, diplomas or grant certificates as per relevant sections of Gujarat Private University Act 2009 & first statute approved by Govt. of Gujarat. GSFC University being a private University incorporated under the State Act as mentioned above, is covered under section 2(f) of UGC Act as University. Section 22 of University Grants Commission Act 1956, also authorizes this University to grant degrees as it is established by a State Act. UGC has listed GSFC University on its website as a Private University. The Graduates passing out from the GSFC University can apply for UPSC posts of Govt. of India; CAT; GATE, Govt. of Gujarat posts and any other Private or Public sector undertakings.

**Question 7:** Does reservation policy apply for admission?

**Answer:** Yes. Please refer admission policy on our website.

**Question 8:** What is the mode of payment of fees?

**Answer:** Through Demand draft/Pay Order/ through Credit/Debit card.

**Question 9:** Is Hostel facility available?

**Answer:** Yes, a fully developed, safe and secured hostel facility with mess is available within the GSFC Fertilizernagar Township for girls and boys. Both the hostel facilities are Wi-Fi enabled and well furnished with entertainment, food and other facilities.

**Question 10:** What are the documents required at the time of application and admission?

**Answer:** Following documents are required:

- Mark-sheet of H.S.C. or equivalent examination
- School leaving certificate / Transfer certificate from school last attended
- Certificate of belonging to SC / ST / SEBC with non-creamy layer
- Migration certificate from previous institution for such students who are already admitted in other colleges and universities

- Proof of residential address (one of the following): i) Election ID Card, ii) Aadhar Card iii) Ration Card iv) Passport

**Question 11:** How shall I find out if I am admitted?

**Answer:** You will receive an E-mail and a call from the GSFCU Office of Academic Affairs. Please note that official decisions are sent by E mail only.

**Question 12:** Is this course recognized by any national body / council?

**Answer:** Yes, it is recognized by UGC.

**Question 13:** What is the medium of instruction and examination in the GSFC University?

**Answer:** Medium of instruction and examination at the GSFC University is in English. The students desiring to enhance their English communication skills will be provided additional inputs through arrangement of Bridge courses.

**Question 14:** How is this course different from courses offered by other Universities in India?

**Answer:** GSFC University offers Industrial internships after each semester under this course. In this course different skill enhancement electives are available to update the knowledge in microbiology. Also blended Learning, emphasis on Hands-on Practical Experience for better learning and summer training- small research projects Seminars, Presentations by students are involved in this course.

**Question 15:** Does the course include any soft skills / personality development training?

**Answer:** Soft skills development and personality development sessions are integral part of the curriculum. GSFC University offers special subjects on communication skill and personality development through placement cell. University also have compulsory foundation course in first semester for overall development.

**Question 16:** What is the system of students' evaluation at the GSFC University?

**Answer:** The GSFC University follows a semester system with 10 point grading system as per UGC guidelines wherein each semester will have Semester Grade Points Aggregate SGPA on the basis of credit and points earned in each course and CGPA on cumulative performance throughout the academic tenure from all the courses. Grading in a course is based on

continuous evaluation throughout the semester which involves mid-semester test, quiz, assignments, projects, practical evaluation and end-semester examination.

**Question 17:** What are the sports facilities available at the campus?

**Answer:** The advanced facilities for playing badminton, cricket, basketball, volleyball, swimming, chess, carom, Golf, Gym etc. are available at the campus. Besides, the students will have the opportunity to be trained by recognized coaches and national and international players of the game through the GSFC Ltd.'s sports department on nominal chargeable basis

**Question 18:** What are the other extra-curricular activities are available?

**Answer:** GSFCU campus have adequate facilities for sports and cultural activities. There are cultural and student managed clubs including band/orchestra in the institution. The students regularly participate in Intra College and inter college sports & cultural activities.

**Question 19:** What are the other facilities available for students at the campus?

**Answer:** GSFCU campus has some other facilities for the students such as Library and learning centre, Computer laboratory, Class rooms with projection facility Wi-Fi enabled campus, Cafeteria, Air conditioned auditorium, Stationary, utilities and reprographic centre, GUIITAR Council – GSFC University Incubation, Innovation, Technology & applied Research (GUIITAR) council is a cross-disciplinary applied research & innovation Centre for supporting students start-up and other entrepreneurial activities.

**Question 20:** What are the transport facilities to reach the University?

**Answer:** The University campus can be reached by public transport from Vadodara city. All the buses going to Dashrath village can be used for this purpose. The University also runs buses on limited routes on chargeable basis as per University timing. The Information regarding the same can be obtained from the Administrative office.

**Question 21:** What is the strength of teaching learning process at GSFCU?

**Answer:**

The teaching learning process involve use of ICT in teaching learning process such as LCD projectors, web cameras, virtual laboratories, online tests and evaluation, feedback system

etc. GSFC University also involves the extension or redesigning of regular curricula like extension of experiments in laboratories to lead the students to designing stage, introduction of mini projects in lab courses, redesigning of courses to suit the needs of students with different learning abilities, introduction of employment enhancement program, focus on imparting industry specialized soft skills, aptitude and technical training and Co- curricular activities to bridge the gaps in curriculum.

GSFC University also emphasise of student centric learning which includes breadth of electives offered, identification of weak and advanced learners, special measures for addressing the needs of these learners, communication skills test at entry level to provide specialized communication skills training.

**Question 22:** What type of teaching Methodologies are being followed by microbiology department during COVID times?

**Answer:** Online teaching platforms like Google meet/ Google Classroom etc., are being used.

**Question 23:** What is the importance of B.Sc. Microbiology?

**Answer:** Microbiology uses different microorganisms, laboratory selected mutants, or even genetically modified organisms, to produce a very large variety of industrial products for human interest. Microbiology has tremendous applications in industries such as: Textile Industries, Bio-Fertilizers, Environmental Cleanup Operations, House Hold Industries, Food Processing, Forensics, Bioprocess, Agriculture, Pharmaceutical and Chemical Industries

**Question 24:** What is the scope of B.Sc. Microbiology?

**Answer:** Opportunities in microbiology include fields such as Biochemistry, Plant and Animal Biotechnology, Microbiology, Molecular Biology, Microbial Genetics, Dairy and Food microbiology, Agricultural microbiology, etc along with industry orienting sectors like Bioprocess Engineering, Industrial Microbiology, Pharmaceuticals to name a few. Apart from industries, graduates of microbiology can opt post-graduation program for higher studies.

**Question 25:** Does the B.Sc Program have industry connections?

**Answer:** Yes. B.Sc. students have access to on campus biotech industries such as GATL, GGRC & GSFC LTD R&D and also to our external industry partners.

**Question 26:** What are the further study options after completing B.Sc.?

**Answer:** After graduation, students can pursue M.Sc. and Ph.D in different fields of Life sciences.

**Question 27:** How will the institute support students in placement post completion?

**Answer:** Institute has a fully dedicated placement cell to facilitate placements post B.Sc.

**Question 28:** Career options for the concerned course (but not limited to):

**Answer:** B.Sc. microbiology graduates can go in Pharma industries, Biotechnology industries, Clinical Research industries, QC departments in Chemical Industries, etc

***If you have a question which is not discussed here, please reach us on our mobile number:  
6358788892***

***or visit us in person at:***

***GSFC University Vigyan Bhavan, P. O. Fertilizernagar, Vadodara-391750, Gujarat, INDIA***