

## M.Sc. Chemistry 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:** The M.Sc. Chemistry Program is of two-year duration. Each year is called an academic year and is divided into two semesters. Thus, there will be a total of four semesters.

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

**Answer:** Candidate must have passed B.Sc. Chemistry Degree with equivalent (10+2+3) from any University recognized by UGC in relevant subjects with minimum 50% marks as aggregate of all the semester /years. (45% for SC/ST/OBC with Non Creamy layer /PD/EWS). Candidates who have appeared for the final semester of qualifying examination can also apply. In such case, the candidates are required to upload and submit the results as soon as they are available through E-mail (scanned image).

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

**Answer:** The M.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 (30 seats in organic specialization and 15 seats in analytical specialization).

**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.

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

**Answer:** Yes. The details can be obtained from the admission cell.

**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 B.Sc. or equivalent examination
- 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:** 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 13:** How is M.Sc. Chemistry at GSFCU 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 chemistry. 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 14:** 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 15:** 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 16:** 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 17:** What are the other extra-curricular activities available at the campus?

**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 18:** 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 19:** 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 20:** What is the strength of teaching learning process at GSFCU?

**Answer:** Theoretical teaching/learning at GSFCU is coupled with Industrial Exposure after each semester which is the USP of every program at GSFCU. The classrooms are fully digital, covid centric pedagogy, student centric learning with inputs in designing curriculum from students, regular curriculum updates with inputs from Industry and Academia.

**Question 21:** What type of teaching Methodologies are being followed during COVID times?

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

**Question 22:** What is the importance of M.Sc. Chemistry?

**Answer:** Knowledge of Chemistry is the key behind the science of everyday life. Advance degree in chemistry provides us route concept on chemical reactions. Spectacular discoveries and advancements in chemistry have led to the development of many arrays of products in the area of healthcare, agriculture and environment. M.Sc. degree focuses on R&D aspects of chemistry providing in-depth conceptual knowledge and hands on skill attainment requisite for a successful career. Target is to make the students expertise in multiple dimension of chemistry. Attaining M.Sc. in chemistry equips a student with credentials to step in elite research and industrial sector. If you are passionate about improving the quality of people's lives through research, then this field will fit you perfectly.

**Question 23:** What is the scope of M.Sc. Chemistry?

**Answer:** Post-Graduates of Chemistry are offered with large number of career opportunities at manufacturing divisions, R&D units, technology transfer departments, and QA-QC laboratories in various pharmaceutical, petrochemical, heavy and fine chemical industries, regulatory bodies, research institutes, paint and pigment industries, Fertilizer industry polymer industries, etc. Graduates and post-graduates can also opt for the public sector jobs like ONGC, IOCL, HPCL, etc. by clearing GATE examination as the recruitment procedure for these companies require valid GATE score. Apart from industries, post-graduates of Chemistry can opt the research field by getting enrolled into the PhD program in Core chemistry or Applied Chemistry and can choose academics as a career option.

**Question 24:** Does the M.Sc Program have industry connections?

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

**Question 25:** How will the institute support students in placement post completion?

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

**Question 26:** What are the industries/institutes that can be targeted for jobs/higher studies in India in chemistry sector?

**Answer:** The Indian government has set up numerous research institutions of national repute conducting research in different areas of chemical Sciences etc. Following is an example of the leading industries/institutes in the field of Chemistry

Pharmaceuticals: Biocon, Glaxosmithkline, Reliance life sciences, CTS life sciences, Dr.Reddy's labs, Cipla, Jubilant life sciences, Wockhardt, Torrent pharma, Cadila healthcare and Ranbaxy, Alembic, Sun Pharma

Universities and research institutions: IISc, TIFR, IITs, IISERs, NISER, NITs, NIPERs and IISERs.

Research institution: Bhabha Atomic Research Centre (BARC), multiple CSIR research labs including NCL Pune, CDRI etc., Jawaharlal Nehru Centre for Advanced Scientific Research (JNCASR), National Institute of Oceanography (NIO), National Environmental Engineering Research Institute (NEERI), National Chemical Laboratories (NCL).

**Question 27:** Where are the past pass out students of M.Sc. Chemistry placed?

**Answer:** Three of our first batch pass out students are placed at IPCA Ltd, Amines Biotech Pvt. Ltd., C.K. Zipper pvt ltd through GSFCU Placement Cell and rest are exploring higher studies options.

**Questions 28:** What is the average salary offered post M.Sc. (Chemistry)?

**Answer:** 2.5-3.0 lakh/Annum

***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***

