



GSFC
UNIVERSITY
EDUCATION RE-ENVISIONED

GSFC UNIVERSITY
SCHOOL OF TECHNOLOGY

B.Tech / M.Tech / PhD
(Computer Science & Engineering)

SCHOOL OF TECHNOLOGY

About the CSE Program

Augmenting cutting-edge skills is the core determination of **GSFC University**. To supplement and nurture these competencies, strong industrial engagement acts as a vital catalyst. Students at **GSFC University** receive a unique opportunity through hands-on industrial training in addition to classroom learning, empowering them for multidimensional career growth.

The **Computer Science & Engineering (CSE)** program emphasizes strong foundational knowledge complemented by practical exposure, experiential learning, and orientation towards entrepreneurship and research.

The program focuses on the **holistic development** of students through active participation in co-curricular and extracurricular activities conducted via various Student-Managed Clubs and Professional Chapters. Continuous grooming is ensured through **Structured Soft Skills Training, Placement Readiness Programs, Competitive Examination Mentorship Sessions**, along with **Foundation and Bridge Courses**.

Computer Science & Engineering is continuously evolving with emerging technological advancements. Proficiency in **next-generation technologies** is essential alongside mastery of classical computer science fundamentals.

Program Offered

Undergraduate Program

4-Year B.Tech in Computer Science & Engineering

with Specializations in:

1. Data Science, Artificial Intelligence & Machine Learning
2. IoT & Automation
3. Cyber Security & Digital Forensics

Postgraduate Program

2-Year M.Tech in Computer Science & Engineering

with Specializations in:

1. Data Science, Artificial Intelligence & Machine Learning
2. IoT & Automation

Doctoral Program

Ph.D. in Computer Science & Engineering



Career Pathways

1. Data Science, Artificial Intelligence & Machine Learning

- Software Developer
- Business Intelligence Analyst
- Data Engineer
- Database Administrator
- Data Analyst
- Quality Assurance Specialist
- Data Scientist
- ML Architect & AI Specialist
- Mobile Application Developer
- Web Developer
- AI Engineer
- Analytics Manager / Data Science Leader
- Full Stack Developer



2. IoT & Automation

- Senior Software Engineer
- Solutions Architect
- Software Team Leader
- Embedded Systems Engineer
- IoT Network Engineer
- IoT Backend Engineer
- RPA Developer / Architect
- RPA Analyst
- Production Planner
- Data Product Manager



3. Cyber Security & Digital Forensics

- Security Architect
- Malware Analyst
- IT Security Engineer
- Security Consultant
- Security Incident Responder
- Security Systems Administrator
- Data Security Strategist
- Cyber Security Specialist



Certification & Skill Development Initiatives

Strategic Industry Collaboration Programs

- Cisco Networking Academy
- AWS Academy
- BM SkillsBuild

Department-Facilitated Certification Initiatives

- Oracle Academy
- Spoken Tutorial (an initiative of Indian Institute of Technology Bombay)

Student Professional Chapter

- Association for Computing Machinery (ACM Student Chapter)

Student Clubs & Technical Communities

- Code Club
- AWS Cloud Club
- Association for Computing Machinery
- Google Developer Group (GDG On Campus)



Research & Innovation Ecosystem

Students gain exposure to real-world industrial challenges through specialized laboratories supported by

- Gujarat Council on Science & Technology (GUJCOST) and Department of Science & Technology (DST).

Advanced Research Laboratories

- High-Performance Computing Lab (PARAM Shavak DL-GPU Supercomputer Facility)
- IoT Systems Design Lab
- E-Yantra Robotics Lab – in collaboration with Indian Institute of Technology Bombay

Core & Specialized Academic Laboratories

- Computational Research & Development Center (CRDC) (R & D Lab)
- Data Engineering & Analytics Lab
- Cyber Security & Ethical Hacking Lab
- Artificial Intelligence & Machine Learning Lab
- Robotics & Intelligent Automation Lab
- Operating Systems & Systems Programming Lab
- Advanced Programming Lab
- Digital Electronics & Microprocessor Systems Lab

B.Tech CSE

Eligibility for Admission

- Applicants must have passed H.S.C. (Science Stream) with A Group, the Qualifying Examination with minimum 45% marks (40% in case of SC/ST/OBC –NL/EWS/PD) in any three of the subjects as aggregate either in theory or theory and practical with Physics, Mathematics and Chemistry or Computer Science / Electronics/ Information Technology/Biology/ Biotechnology/Business study/Entrepreneurship / Technical Vocational from single board.
- Seats will be filled from the all India Applicants (including Gujarat) on the basis of NTA score in JEE (Main) - 2026 or percentile rank of GUJCET - 2026 examinations .

Registration Fees

The registration fee for submitting an online application form is Rs.350/- (Rupees Three Hundred Fifty Only), which is to be paid online. (Non-Refundable)

Admission Process

- The state quota seats of the B. Tech. Program will be filled by the Admission Committee for Professional Courses (ACPC), Govt. of Gujarat.
- The Management Quota seats of B.Tech Program will be filled based on Merit only, Selection of the Applicants for admission would be based on SSC and HSC percentage and on the basis of NTA score in JEE (Main) - 2026 or percentile rank of GUJCET - 2026 examinations .



M.Tech CSE

Eligibility for Admission

- Candidates should have passed in B.Tech./B.E. in Computer Science & Engineering (CSE) or equivalent branch with a minimum of 50% (45% for SC/ST/OBC–NL/EWS/PD).
- Candidates should have GATE qualification of corresponding year in the relevant discipline (CSE) / Based on merit of PG CET score.

Registration Fees

The registration fee for submitting an online application form is Rs. 1000/- (Rupees one thousand only), which is to be paid online. (Non -Refundable).

Admission Process

- The state quota seats of the M.Tech. Program will be filled by the Admission Committee for Professional Courses (ACPC), Govt of Gujarat, on the basis of Post Graduate Common Entrance Test (PGCET) conducted by ACPC.
- The Management Quota seats of M.Tech. Program will be filled based on Merit only, Selection of the Applicants for admission would be based on Graduation Percentage and Based on merit of PG CET score of corresponding year.



PhD CSE

Eligibility for Admission

- Applicants must have M.E. / M.Tech. in CE / CSE or equivalent branch, or an equivalent qualification recognized by the concerned statutory regulatory body, with minimum 55% marks in aggregate or equivalent grade.
- Equivalent qualifications from foreign educational institutions recognized by the competent authority in their home country are also acceptable.
- A relaxation of 5% marks (or equivalent grade) will be provided to Applicants belonging to SC / ST / OBC (Non-Creamy Layer) / Differently-Abled / Economically Weaker Section (EWS) or other categories as per applicable regulations.

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)

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.

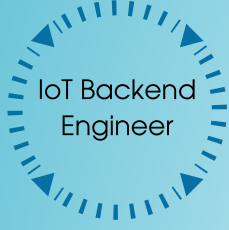
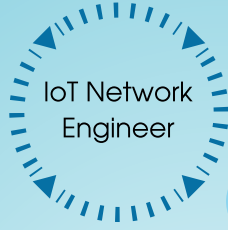
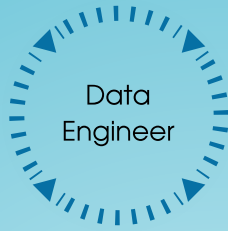
Exception from Entrance Test

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



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GSFC University
ANVIKSHA, Fertilizernagar, Vadodara

For more information
Call us at 0265-3093740 / +91 7573002444 or
log on to www.gsfcuniversity.ac.in