



GSFC
UNIVERSITY

EDUCATION RE-ENVISIONED
An ISO 9001:2015 Certified



M.TECH
**INDUSTRIAL SAFETY &
ENGINEERING**
(SCHOOL OF TECHNOLOGY)

ABOUT GSFC UNIVERSITY

GSFC University is a Private University, and a corporate social responsibility (CSR) initiative of Gujarat State Fertilizers & chemicals Ltd.(GSFC), Vadodara, Gujarat - a company promoted by the Government of Gujarat'. GSFC University is a private university incorporated under the Gujarat Private Universities Act, 2009 through GSFC Education Society in Dec 2014. The GSFC University was established in 2015-16.

The vision of GSFC University is 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-round development. The Governing Body and Board of Management of **GSFC University** comprises eminent people from the Industry, Government & Academia and it is spearheaded by **Shri P K Taneja (IAS Retd)** as the President of **GSFC University**.

GSFC University was started in 2015 with 2 UG programs and 141 students . Today there are more than 25 programs in UG & PG with 2150 students

M.TECH IN INDUSTRIAL SAFETY & ENGINEERING

GSFC U is starting MTech Industrial Safety & Engineering from the Academic year 2024.

The objective of MTech Industrial Safety and Engg are:

1. The program equips students with advanced knowledge and skills to understand, assess, and manage complex processes and technologies for Fire & Safety effectively.
2. Prepare students capable of implementing best practices to safeguard workers' well-being.
3. Trains student in risk assessment, hazard identification, audits on Fire & Life Safety and mitigation strategies, to minimize the likelihood of accidents and their associated impacts through Industrial internships and live projects.
4. Expose the students to the latest trends, innovations, and methodologies, enabling them to implement cutting-edge solutions in realworld scenarios.
5. Develop competent Fire & Safety professionals for promoting overall societal well-being.



FIREPLEX (AGNISANKUL) : PREMIER TRAINING FACILITIES



GSFC University has developed the **FIREPLEX (AgniSankul)** in the total plot area of 2875sq mtr. These facilities provide in-depth practical training and live demonstrations of firefighting and rescue operations to students & industrial professionals. It was duly commissioned in September 2023. FirePlex is duly approved Centre of Directorate of Government of Gujarat for Industrial Safety and Health (DISH) for training on industrial Safety and Health under section 111A of Gujarat Factories Act -1948. This state-of-the-art facility includes:

FIRE DRILL GROUND



A dedicated space for conducting comprehensive fire drills.

FIRE PUMP HOUSE



Equipped with the latest technology for firefighting simulations.

SPECIALIZED ROOMS



Including a Sprinkler Room, Foam Spray Room, and Smoke Chamber.

FIRE DRILL TOWER



An imposing structure for advanced firefighting training.

HYDRANT SYSTEM



A robust network for firefighting practice.

WATER SPRAY SYSTEMS



Both Medium and High Velocity Water Spray Systems (MVWS, HVWS) for diverse training scenarios.

MoU / COLLABORATORS



PROPOSED PROGRAM STRUCTURE

DURATION:

2 Years, Divided in 4 Semesters

ELIGIBILITY

1. Candidates should have passed in B.Tech/B.E. in any branch with a minimum of 50% OR M.Sc in Environmental Science, Chemistry, Biotechnology and Industrial Engineering.
2. Candidate should have GATE qualified in the relevant discipline In case the candidate does not have a valid GATE Score Card, the candidate can appear in PG CET conducted by ACPC, Gujarat

Intake	Fees	Exam Fees	Total Fee (Per Semester)
18 Students	Tuition Fees 55,000	4,000	59,000

COURSE CURRICULUM



CONTACT DETAILS

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For more information,
Call us at 0265-3093740/+91 75730 02444 or
log on to www.gsfcuni.edu.in



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