



Abid Husain Lodha

Assistant Professor, Fire & EHS

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Educational Qualifications:

- **Masters of Engineering (Thermal Engineering):** Completed in 2018. This advanced degree provided in-depth knowledge and expertise in thermal engineering principles, essential for understanding heat transfer and combustion processes crucial in fire safety and prevention.
- **Bachelor of Engineering (Mechanical Engineering):** Graduated in 2016. This foundational degree equipped with a broad understanding of mechanical systems, including machinery and materials, providing a strong basis for specialized studies in fire and environmental health and safety (EHS).
- **Post Diploma in Industrial Safety:** Acquired in 2020. This specialized diploma enhanced skills and knowledge in industrial safety practices, risk assessment, hazard management, and regulatory compliance, essential in ensuring workplace safety standards are met.
- **GI Fire UK:** Certification in fire safety from GI Fire UK, reflecting international recognition and expertise in fire prevention, suppression, and mitigation strategies.

Work Experience:

- **Lecturer & Head of Department (HoD),** College of Safety & Fire Technology, Sanand, Ahmedabad (2018-2024): Led academic initiatives and oversaw departmental operations at a renowned institution specializing in safety and fire technology. Developed and delivered curriculum, conducted research, and provided mentorship to students pursuing careers in fire safety and EHS. Facilitated practical training sessions, workshops, and seminars to impart hands-on skills and knowledge.
- **Assistant Professor, GSFC University,** Baroda (from March 22, 2024): Currently serving as an Assistant Professor at GSFC University, contributing expertise in fire engineering and EHS to the academic community. Engage in curriculum development, teaching, and research activities, fostering the next generation of professionals equipped with cutting-edge knowledge and skills in fire safety and environmental health.

Key Skills and Expertise:

- **Fire Safety Engineering:** Proficient in designing, implementing, and evaluating fire protection systems, conducting fire risk assessments, and developing comprehensive fire safety plans tailored to specific environments and industries.
- **Environmental Health and Safety (EHS):** Experienced in identifying workplace hazards, assessing risks, and implementing measures to mitigate potential dangers. Knowledgeable about regulatory requirements and industry standards pertaining to occupational safety, environmental protection, and health management.
- **Teaching and Training:** Skilled educator with a proven track record of delivering engaging lectures, designing instructional materials, and facilitating hands-on training sessions. Capable of communicating complex concepts effectively and fostering a dynamic learning environment conducive to skill development and knowledge retention.
- **Research and Innovation:** Actively engaged in scholarly research endeavors aimed at advancing the field of fire engineering and EHS. Committed to staying abreast of emerging trends, technologies, and best practices, driving innovation and continuous improvement in safety protocols and methodologies.

Professional Affiliations:

- Member of professional organizations such as the National Fire Protection Association (NFPA), and Institution of Fire Engineers (IFE), actively participating in networking opportunities, conferences, and collaborative initiatives to stay connected with industry peers and contribute to the advancement of the profession.