



EXPERT TALK ON SAFETY & SUSTAINABILITY IN PROCESS INDUSTRIES

11th September, 2025 | 2:00PM to 5:00PM

MBA seminar hall, Acharya Campus

In association
with IIC cell



About the Program

The Expert Talk on Safety and Sustainability in Process Industries emphasizes safe practices, risk management, and sustainable approaches to industrial operations. Participants will gain insights into building safer, greener, and more efficient industries through innovation and responsible practices.

Objectives of the Program

- To create awareness about safety protocols and risk management practices in process industries such as pharmaceuticals, chemicals, petrochemicals, and biotechnology.
- To highlight the importance of sustainable practices in minimizing environmental impact and ensuring long-term viability of industrial operations.
- To expose students to real-world challenges and regulatory frameworks related to process safety (OSHA, HAZOP, MSDS, etc.) and environmental sustainability (ESG, green chemistry, zero-liquid discharge, etc.).
- To introduce modern tools and methodologies used in safety audits, hazard analysis, life cycle assessment (LCA), and environmental impact assessments (EIA).
- To encourage responsible engineering practices among future professionals by integrating safety and sustainability principles into design, operation, and maintenance of process plants.

Expected Outcomes of the Program

- Understand the core principles of safety management and sustainability in the context of process industries.
- Identify major hazards and safety risks in industrial settings and recognize methods for their prevention and control.
- Appreciate the role of sustainability in reducing carbon footprint, conserving resources, and promoting green technologies.
- Become familiar with international standards and best practices for process safety and sustainable industrial operations.
- Recognize the interdisciplinary nature of safety and sustainability involving engineering, environmental science, economics, and ethics.
- Apply the gained knowledge to academic projects, internships, or future workplace settings, making informed decisions that prioritize safety and environmental responsibility.

Target Audience: Students and faculty

Committee Members

ADVISORY COMMITTEE

- Dr. Marigowda C K, Principal, AIT
- Dr. Attel Manjunath, Associate Professor, Dept. of Mechatronics Engineering, IIC-coordinator, AIT

CONVENER

- Dr. Shilpa Sivashankar, Head of the Department, AIT

EVENT COORDINATOR

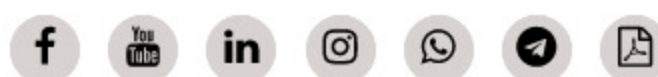
- Mrs. Liny.P, Assistant Professor, Dept. of Biotechnology, AIT. Mobile: +91 99018 90513, Email: liny@acharya.ac.in

Resource Person Details



Mr. Niranjan S

Designation: Head- EHS- India
Operations Ebara Elliott Energy
Topic: Environment & Safety for
Engineers - Industrial exposure
& Applications



Acharya Institute of Technology

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LOCATE US

Event Coordinator

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