



SETHU INSTITUTE OF TECHNOLOGY
(An Autonomous Institution)
PULLOOR, KARIAPATTI – 626 115



SUB.CODE: 15UCH923

SUB.NAME: CHEMICAL PROCESS PLANT SAFETY

CATEGORY: EMPLOYABILITY

- Chemical process plant safety subject enlightens basic knowledge that should be possessed by a safety engineer.
- In this subject students learn new skills and safety equipments and using of these safety gadgets in industries.
- This subject highlights the environmental laws, governing bodies, laws and amendments.
- Learning this subject has made students to work as safety engineers and also provoked them to learn more courses on safety.
- Process safety generally refers to the **prevention of unintentional releases of chemicals, energy**, or other potentially dangerous materials (including steam) during the course of chemical processes that can have a serious effect to the plant and environment.
- Chemical process safety focuses on **preventing incidents and accidents during large scale manufacturing of chemicals and pharmaceuticals** – in particular, the unintentional release of potentially dangerous materials and energy to the environment during a chemical reaction, or because of a runaway reaction.

M. Sankarishankar
COURSE COORDINATOR

[Signature]
HEAD OF DEPARTMENT
HEAD
DEPT. OF CHEMICAL ENGG.
SETHU INSTITUTE OF TECHNOLOGY
PULLOOR, KARIAPATTI - 626 115.