Course Name:
Air pollution and its control methods

Course Number:
20637

Credit:
3

Course Content (outline):
- Introduction to Air Pollution: Air Pollutants, their Origin, Effects and Standards and Atmospheric Structure
- Pollution Dispersion and Modeling
- Aerosol Mechanics
- Cyclones
- Scrubbers
- Electrostatic Precipitators (ESPs)
- Fabric Filters
- Properties of Gases and Vapors
- Gas Adsorption and Absorption
- VOC Incineration
- Control of Sulfur Oxides
- Control of Nitrogen Oxides
- Mobile Sources

References:
- “Proposed papers and reports”