



Renewable Energy Courses

Renewable Mechanical

- Wind Energy Systems
- Hybrid Renewable Energy Systems
- Energy Efficiency in Boilers and Steam Systems
- Energy Efficiency in Cooling, Chilled Water & HVAC Systems
- Thermal Energy Efficiency and Pinch Analysis
- Solar Water Heating Systems
- CSP Systems
- Gas Turbine and Combined Cycle Systems
- Internal Combustion Engines
- Pipeline and Pipe Network Systems
- Water Desalination Systems
- Turbomachinery Systems
- Cogeneration and Poly-Generation Systems

Renewable Electrical

- Energy Efficiency in Electric Motor Systems
- Energy Efficiency in Pump and Fan Systems

- Energy Efficiency in Compressed Air Systems
- Solar PV Power Generation Systems
- Solar Water Pumping Systems

Biochemical

- Biochemistry
- Bioprocess engineering
- Polymer Technology
- Enzyme Engineering and Technology
- Structural Biochemistry
- Molecular Genetics
- Chemical Engineering Thermodynamics
- Fertilizer Technology
- Environmental Biotechnology
- Environmental Studies
- Bio-entrepreneurship
- Fermentation technology
- Immunology
- Cell Biology and Biological Systems
- Environmental Microbiology
- Food Microbiology