

(073-E&E-01-03) ENERGY AND ENVIRONMENTAL ENGINEERING

Significance of the Program:

The urgent need to address climate change requires sustainable development strategies in every aspect of human endeavour. Energy and Environment together play a pivotal role in the economic activity and the overall welfare of the population. This programs aims at improving the knowledge and research capabilities of the students in the focused areas of energy and environment for achieving sustainable development.

Career Options / Opportunities:

- Energy Auditor
- Environment Impact Assessors
- Environment Engineers
- Environmental Sustainability Engineers
- Environment Compliance Specialist

Program Objectives:

- To produce skilled man power with strong research capabilities in the areas of Energy and Environment.
- To meet the national needs for energy and environment auditors.

Program Outcomes:

At the end of the program, the student will be able to

- Evaluate the environmental impact assessment
- Conduct energy audit and improve energy efficiency of various sectors / processes
- Analyze energy policies.
- Summarize Environmental laws and standards

Major Course Modules:

- Energy and Environment
- Energy Efficiency and Demand Side Management
- Waste Management
- Energy Policy and Economics
- Environment Law and Standards