

- Theory-cum-Practice Oriented Training, Skill up-gradation & Refresher Training of Furnace Operators on Energy Efficiency.
- Curriculum on Energy Conservation and energy efficiency for its incorporation in the ITI and Diploma Engineering Colleges.
- Organized Debates competitions on Energy Efficiency & Conservation in ITI, Diploma Engineering College & Engineering Colleges.
- 260 Energy Clubs were established in schools to impart knowledge of energy conservation to the school children.

## Instructional Material for Energy Conservation for ITI Curriculum



PEDA with the association of National Institute of Technical Teachers Training and Research (NITTTR) has developed the instructional materials and lab manual on Energy Conservation for its incorporation in the ITI and Diploma Engineering College Curriculum for the State of Punjab.

1. Energy Scenario
2. Basics of Energy and its forms
3. Introduction to Electrical Systems
4. Energy Efficiency in Electrical and Thermal Utilities
  - Electric Motors
  - Pumps
  - Lighting System
  - DG systems
5. Energy Conservation in HVAC and Refrigeration System
6. Fundamentals of Boiler and Furnaces
7. Standards and Labeling.
8. General Energy Saving Tips.

