

Mapping of POs, PSOs, COs and CSOs of “Certificate in Energy Technology and Management”

CETM

- To give an over view of various energy resources, their availability and use pattern
- To give an exposure about environmental effects of energy use
- To give an overview of Renewable Energy Technologies
- To conduct an energy audit and implement energy conservation measures

OEY -001 Energy Resources and Conversion Processes

OEY -001

- To understand the meaning of Energy
- To understand different Conventional Energy Resources
- To understand different Renewable Energy Resources
- To understand Various Energy Conversion Processes

Assessment
1. Assignment
2. Term End Theory Exam
3. Term End Practical Exam

OEY-002 Renewable Energy Technologies and their Uses

OEY -002

- To understand the meaning of Solar Radiation
- To understand various Solar Thermal Technologies
- To understand Solar Photovoltaic Principles and Power Generation
- To understand Biomass Energy and Technologies
- To understand Solar Active and Passive Buildings

Assessment
1. Assignment
2. Term End Theory Exam
3. Term End Practical Exam

OEY-003 Energy Management: Audit and Conservation

OEY -003

- To understand the Principles of Energy Conservation
- To understand Energy Audit Techniques
- To identify Energy Conservation Measures
- To classify Energy Conservation Measures as Short, Medium and Long Term
- To know Energy Efficient Devices
- To understand how to make energy plan

Assessment
1. Assignment
2. Term End Theory Exam
3. Term End Practical Exam

OEYP-004 Energy Projects

OEYP -004

You are aware that energy is required for doing any kind of work. You can't imagine present day life without energy. Energy is used for various activities like industrial activities, cooking, lighting, heating, air-conditioning etc and is derived from various sources.