



केन्द्रीय शैक्षणिक एवम् तांत्रिक माहिती संशोधन समीती

CENTRAL EDUCATION & INFORMATION TECHNOLOGY RESEARCH COMMITTEE

AN AUTONOMOUS INSTITUTION REGD. BY THE GOVT. OF NCT OF DELHI UNDER ITA 1882 GOVT. OF INDIA

REGD. BY NCS-MINISTRY OF LABOUR AND EMPLOYMENT GOVT. OF INDIA

REGD. AT MINISTRY OF MICRO, SMALL AND MEDIUM ENTERPRISES (MSME), GOVT. OF INDIA

An Autonomous Organization works for IT, HRD & Literacy



NCS-REGD. OFFICE
Govt. of India



सत्यमेव जयते

REGD. NO.: S14K81-1040424644087

Renewable energy is a form of energy that comes from natural resources like sunlight, geothermal heat, wind, or hydel power. From sunlight, we get energy in the form of solar energy, from the wind we get wind power energy, from the force of the flow of the river we get hydel energy. There is also geothermal energy available in nature. Those energies are called renewable as the source of those energies will not get finished anyway.

In the course of Renewable Energy, students need both theoretical and practical knowledge to understand the entire concept of renewable energy with ease.

There are lots of things to learn in this course, such as energy infrastructure, rational use of energy, energy conservation, and management, energy policies, energy regulations, energy-environment interface, and many more.

Course Subjects

Subjects that are taught in this course are moreover the same for most of the institutes. Those are as follows:

Energy Scenario & Energy Forms

Energy conversion, thermal systems

Green Buildings

Waste to Energy

Solar Thermal Technologies

Project & Financial Management in the Energy Sector

Fuels & Combustion

Small hydropower system

Alternate Energy Technologies



केन्द्रीय शैक्षणिक एवम् तांत्रिक माहिती संशोधन समीती
CENTRAL EDUCATION & INFORMATION TECHNOLOGY RESEARCH COMMITTEE
AN AUTONOMOUS INSTITUTION REGD. BY THE GOVT. OF NCT OF DELHI UNDER ITA 1882 GOVT. OF INDIA
REGD. BY NCS-MINISTRY OF LABOUR AND EMPLOYMENT GOVT. OF INDIA
REGD. AT MINISTRY OF MICRO, SMALL AND MEDIUM ENTERPRISES (MSME), GOVT. OF INDIA
An Autonomous Organization works for IT, HRD & Literacy



Instrumentation, Control, and Automation

Biomass conversion Technology

Waste heat recovery and cogeneration

Energy Lab - I

Energy Lab - II

Seminar

Solar power generation through the PV route

Wind Energy Technology

Smart and microgrid

Renewable Energy Policies

Project I

Project II

Summer Internship

