

ENERGY POLICY



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एन सी ई आर टी
NCERT

REGIONAL INSTITUTE OF EDUCATION
(NATIONAL COUNCIL OF EDUCATIONAL RESEARCH AND TRAINING)
BHUBANESWAR, ODISHA - 751022

ENERGY POLICY

Preamble :

The Institute works on the fundamental assumption that sustainability is the core of development and is possible only if institutional practices are geared towards less energy consumption and use of renewable energy resources. Energy harvesting has been considered as one of the priority areas of all developmental activities of the Institute. In addition, awareness and the right attitude towards energy consumption of each individual has been considered as one of the prominent strategic developmental goals and the Institute constantly is working towards its implementation in its right spirit. Realizing that no conventional energy resources can meet the energy requirements of the present, Institute has initiated the use of various alternate energy resources. Thus functioning of the Institute is centred on the well-established concept of sustainability in development. As teacher education is one of the most important priority areas of the Institute, developing teachers with right perspective about energy conservation, preservation and utilization have been kept as one of the most significant areas of curriculum. Reducing, reusing and recycling the energy resources have been kept as motto of development. The Institute is well aware of its responsibility in creating awareness among the students and staff about the energy conservation measures and constantly working towards it.

Objectives

1. Focus on energy efficiency by reducing energy consumption and use of alternative energy resources.
2. Optimize the energy consumption by use of energy efficient equipment and maximization of use of day light and natural ventilation.
3. Maintain green energy campus with utilization of energy management system.

4. Sensitize students and staff of the Institute about the need for sustainable practices.
5. Create awareness among student teachers on optimum use of renewable energy resources and encourage them to spread the awareness to local community during their field engagements such as School Internship Programme, Multi-Cultural Placement and Working with Community programmes.

Action Plan

The Institute has facilities for alternate sources of energy and energy conservations measures.

1. Considering the Energy needs to the campus, back-up system for uninterrupted energy supply, DG set has been installed. Underground wiring has been done because Bhubaneswar is in cyclone prone area.
2. Instructions are given to staff and students for the proper utilization of the electronic devices in the campus and for ensuring that all the electronic devices are turned off when not in use in the Institute, classroom, hostels etc.
3. Invest in solar to gradually progress towards use of renewable energy resources initiated.
4. Initiation of installation of solar photovoltaic panels as an alternative energy resource for its utilization in the Institute.
5. Replacement of the conventional lighting and implementation of LED lamps in the campus and energy saving fans in the Institute, classrooms, hostels and quarters has been carried out.
6. Institute has Water Harvesting system to preserve water.
7. Use of energy efficient, star labeled equipment for various purposes in the Institute and in Hostels.
8. Implementation of Sensor-based energy conservation in the Conference Hall-I and II of the Institute.

9. Create awareness among the students and staff on energy conservation and management through issuing notice and by sensitization programmes.
10. Walking is encouraged in the campus and walking friendly pavements (pedestrian paths) are constructed in the whole campus.
11. Use of vehicles by students and staffs are discouraged and cycling is promoted by constructing cycle parking space in the campus. This has reduced sound pollution and increased energy conservation.
12. Green Energy – Regular plantation in the campus, green and plastic free campus, two patches of social forestry, the fruit orchard, and the jungle with variety of trees keep the campus cool, hence the use of Air Conditioner has been reduced.
13. Power supply is provided by Tata Power Central Odisha Distribution Ltd.
14. During orientation programmes the students are told to conserve energy, switch off the lights and fans before leaving rooms in the hostels and the classrooms.



Mr. Puskar Behera



Dr. Dhanya Krishnan



Prof. Sandhya Rani Sahoo



Principal

प्राचार्य/ PRINCIPAL
क्षेत्रीय शिक्षा संस्थान
Regional Institute of Education
भुवनेश्वर / Bhubaneswar-751022

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