



**JBIT**  
JB Institute of Technology

Approved by AICTE  
Affiliated to VMSB Uttarakhand Technical University, Dehradun

# Energy Policy



An educational unit of JAI BHAGWAN EDUCATIONAL SOCIETY  
Regd. Office: G. Maudh Marg, Vaidik Vihar Enclave, Dehradun (UK)

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## Energy Policy

### Purpose

The choice we make today on energy production and consumption will determine how sustainable a future energy system can be progressed in socio-economic endeavors. Considering this as view point, the J B Institute of Technology framed its energy policy and guidelines. The purpose of this policy and related guidelines is to save energy so as to ensure adequate, secure, optimal, and reliable energy supply which is indispensable to have a coherent, comprehensive, and workable IEP (Institute Energy Policy) framework. This framework eventually becomes a guide for maintainable energy expansion, effective utilization of the natural resources, and provision of reliable energy supply to the citizenry. This policy also defines the roles and responsibilities of all stakeholders positioned at all levels in the institute. Ultimately, energy conservation is the responsibility of all members of the organization, not of an individual.

### Statement:

The Energy policy of J B Institute of Technology is focused to electrical energy. The Institute also possessive to make use of other sources of energy. At the institute level, we monitor, conserve and manage the need of electrical energy of the campus in commensuration to the growth in the energy demands. It is the responsibility of the Institute to create awareness among the faculty, staff, and students about the energy conservation measures. The institute policy boldly states to save energy along with maximum utilization of renewable energy.

### Objectives

The following are the objectives of the Energy Policy of the Institute.

- To reduce electrical energy consumption.
- To use energy-efficient equipment.
- To use renewable energy resources.





## Action Plan:

- To maintain the energy needs (electrical energy) with a backup power supply system o insuring uninterrupted energy demands.
- To promote using sensor-based gadgets such as lightning equipment, fans, etc.
- To replace the existing conventional light bulbs with LED bulbs in a phased manner.
- To expand the installation of Solar PV Systems for increased loads in a phased manner.
- To create awareness among the faculty, staff, and students about saving electricity
- To conduct training programs for the faculty, staff, and students on saving electricity
- To promote the use of daylight and ventilation systems.
- To promote the use of equipment based on the star rating

## Effective measures

- The setting of Benchmark for energy saving in all the departments.
- Visualizing the use of electrical energy spent by the institute
- Using star-rated equipment
- Using LEDs and Solar Panel.
- Using Sensor-based types of equipment
- Use the soundproof silent generator
- Maximize the use of natural ventilation and lighting system by decreasing the electrical load by minimizing the use of fans and light in the working hours.
- Identifying factors responsible for increment in energy usage.

## Problem-Solving

- Energy Audit by third party
- Strategic Energy Management and Continuous Improvement
- Campaigning





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### Responsibility

- Management Representatives
- Head of the Institution
- Dignitaries and Officers
- Faculty Members
- Staff Members
- Fourth Class Employee/Crews

Director,

J.B Institute of Technology  
Dehradun (UK)



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