

TECHNO INDIA NJR INSTITUTE OF TECHNOLOGY

Approved by AICTE & Affiliated to Rajasthan Technical University

www.technonjr.org

NJR Knowledge Campus, Plot-SPL-T, Bhamashah (RIICO) Industrial Area, Kaladwas, Udaipur - 313003 (Raj.)
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ENERGY POLICY

Over the past two decades, India has made incredible strides in improving access to reliable and affordable energy that is critical for economic growth. Hundreds of millions of households have been connected to the electricity grid for the first time. But the growing demand for energy in India has largely been met by abundant, inexpensive, and highly-polluting coal. As a result, India is now the fastest growing carbon emitter in the world, and annual concentrations of particulate pollution have increased by 60 percent between 2000 and 2016. These pollution and carbon emissions will only grow as hundreds of millions more citizens gain access to reliable electricity.

Hence it is responsibility of technical institute too to frame and obey the policy of its own.

The broad scope of work for the energy policy is –

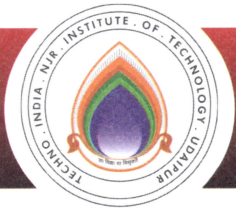
1. Quantitative and qualitative study of all components of energy payable
2. System network, rating /capabilities, operational pattern and energy metering systems
3. Study of capacitor banks positioning , adequacy, energy dissipation in capacitor banks and measures to minimize losses
4. Analysis for performance of connected /drive equipment in respect of energy consumption and output
5. Suggestions /measures to reduce transmission losses, distribution feeder losses
6. Proper usage of equipment like transformer, air conditioner etc

Actions taken in 2019-20

- Increase solar power generation (50 KW to 100 KW)
- Monitor energy consumption through smart meters
- Use of 1000 power consumption equipments like LED bulbs, solar street lights etc.

For Techno India NJR Institute of Technology


(Prof. Prasun Chakrabarti)
Provost



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ENVIRONMENTAL POLICY

The long term goal of our institute as per the policy includes educating students and employees on environmental concerns and sustainability; to evolve Research and Development programs that could turn an institute into a carbon-negative institute; to include environment concerns in planning and decision making; to encourage collaborations among institutes etc.

Environmental policy is policy that pertains to our interactions with our environment. The main goal of environmental policy is to regulate resource use or reduce pollution to promote human welfare and/or protect natural systems. Environmental policy can include laws and policies addressing water and air pollution, chemical and oil spills, smog, drinking water quality, land conservation and management, and wildlife protection, such as the protection of endangered species.

Guidelines-

- The College will consider the environmental impact of its development, communications, procurement, curriculum, research and campus activities.
- The College will encourage the conservation of native ecosystems on campus, where possible, and will use these natural classrooms to teach stewardship and environmental responsibility.
- The College will strive to practice ecological responsibility focused on the preservation of its natural woodlands and gardens.
- The College will broaden its commitment to environmental education by introducing, where practical, relevant environmental content to curriculum material.
- The College will seek to minimize its impact on landfills through the promotion of best practices to reduce, reuse and recycle.
- The College will strive to minimize damage to non-target biological organisms through the elimination of pesticides in lawn and garden applications, with limited exception.
- The College will promote the use of environmentally conscious transportation to all members of the community, including public transit and car-pooling.
- The College will partner with other educational institutions and government agencies to improve best practices in its operations.
- The College will provide waste diversion and recycling stations and item-specific collection options in high-traffic areas across campus.

Actions taken in 2019-20

- Regular assessment of air and water quality
- Support Kaladwas area plantation activity
- Supply clean water to neighbouring villages

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