



ZEAL
INSTITUTES

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NARHE | PUNE | INDIA



JUNIOR COLLEGE | ITI | POLYTECHNIC | ENGINEERING | MBA | MCA | Ph.D

POLICY DOCUMENT

ENERGY CONSERVATION POLICY

Zeal Education Society's

ZEAL POLYTECHNIC, PUNE

An ISO 21001:2018 Certified Institute.

Approved by AICTE, New Delhi, Recognized by DTE, Mumbai (Govt. of Maharashtra),

Affiliated to MSBTE Mumbai, MSBTE Code: 0988, DTE Code : D-6435



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POLICY DOCUMENT

ENERGY CONSERVATION POLICY

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Record No. :	Revision:	Date:
<p>This is to state that the following expert team has formed, reviewed and recommended the Energy Conservation Policy for Zeal Polytechnic, Narhe, Pune.</p> <p>The Policy is published and implemented after approval from Governing Body (GB).</p>		
Member 1	Member 2	Chairman

Institute Vision:

To become a premier institute in technical education by imparting vibrant knowledge and skill-based quality education with ethical values to cater the industrial and societal needs.

Institute Mission:

- ✓ To provide comprehensive technical education through academic excellence.
- ✓ To give industrial exposure to the students by industry- institute interaction.
- ✓ To inculcate technical competence, spirit of inquiry, teamwork and entrepreneurship.
- ✓ To enhance ethical, societal, industrial concerns and lifelong learning skills.



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1. Introduction

Zeal Education Society's, Zeal Polytechnic, Pune, is committed to promoting energy efficiency, reducing energy consumption, and integrating sustainable energy management practices. This policy aims to ensure responsible energy usage, reduce environmental impact, and optimize operational costs.

2. Objectives

- To promote energy conservation and efficiency within the college campus.
- To integrate energy-saving measures into daily operations and academic activities.
- To adopt and promote the use of renewable energy sources.
- To create awareness among students, faculty, and staff about the importance of energy conservation.
- To monitor and evaluate energy consumption periodically.
- To comply with national and state energy conservation regulations and guidelines.

3. Energy Conservation Strategies

3.1 Infrastructure and Equipment Optimization

- Utilize energy-efficient lighting (LEDs) in all buildings and outdoor areas.
- Install motion sensors and timers to automatically regulate lighting and electrical appliances.
- Ensure regular maintenance of electrical equipment to enhance efficiency.
- Implement automatic power shutdown systems for non-essential equipment after working hours.
- Encourage the use of energy-efficient computers, air conditioners, and laboratory equipment.

3.2 Renewable Energy Initiatives

- Install solar panels to reduce dependency on conventional energy sources.
- Promote the use of solar water heaters in hostels and laboratories.
- Explore wind and other renewable energy options for future implementation.

3.3 Awareness and Training

- Organize workshops, seminars, and training programs on energy conservation for students and staff.
- Integrate energy conservation topics into the curriculum.
- Encourage student-led projects on sustainable energy solutions.
- Display energy conservation tips and guidelines in classrooms, labs, and common areas.



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3.4 Monitoring and Evaluation

- Establish an Energy Conservation Committee to oversee energy usage and conservation efforts.
- Conduct periodic energy audits to assess consumption patterns and identify areas for improvement.
- Set specific energy reduction targets and track progress annually.
- Implement an energy usage tracking system for departments to monitor and optimize consumption.

4. Implementation and Responsibilities

- The Energy Conservation Committee will develop action plans and monitor the policy's effectiveness.
- The administrative and facilities management teams will ensure compliance with energy-saving guidelines.
- Faculty and staff members will integrate energy-efficient practices into their daily routines.
- Students will be encouraged to actively participate in energy-saving initiatives.

5. Compliance and Review

- This policy shall be reviewed every two years to incorporate new energy conservation technologies and best practices.
- Compliance with this policy shall be ensured through periodic assessments and feedback mechanisms.
- Non-compliance issues shall be addressed by the Energy Conservation Committee with appropriate corrective measures.

6. Conclusion

By implementing this Energy Conservation and Management Policy, Zeal Polytechnic, Pune, aims to become a model institution for sustainable energy practices. This commitment will contribute to environmental protection, cost savings, and enhanced energy efficiency across the campus.