



T. N. RAO COLLEGE OF TEACHER EDUCATION

Managed by : સવ્યસાચી Education Trust, Rajkot

T.N. Rao College of Teacher Education Energy Policy

Introduction:

T.N. Rao College of Teacher Education recognizes the importance of sustainable energy management in mitigating environmental impact and ensuring long-term operational efficiency. As part of our commitment to environmental stewardship and responsible resource utilization, this Energy Policy outlines our strategies for energy conservation and the adoption of alternative energy sources.

Objectives:

1. Reduce overall energy consumption and associated costs.
2. Minimize the institution's carbon footprint.
3. Promote energy efficiency awareness and practices among staff and students.

Key Initiatives:

1. Solar Rooftop Installation:
 - Installation of solar panels on rooftops to harness solar energy for electricity generation.
 - Regular maintenance and monitoring to optimize energy production efficiency.
 - Integration of solar power into the campus grid for supplementary power supply.
2. LED Lighting Implementation:
 - Replacement of traditional lighting fixtures with energy-efficient LED lights.



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- Retrofitting existing infrastructure to maximize energy savings.
 - Installation of motion sensors and timers to regulate lighting usage in non-occupied areas.
3. Energy Conservation Measures:
- Adoption of energy-efficient appliances and equipment.
 - Implementation of energy-saving practices, such as regular equipment maintenance and optimization.
 - Encouragement of behavioral changes among staff and students to reduce energy wastage.
4. Education and Awareness:
- Incorporation of energy conservation topics into the curriculum.
 - Organizing workshops, seminars, and campaigns to promote energy-saving practice


Principal
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Report on Implementation of Comprehensive Energy Policy

Solar Roofs Installation:

- Attached are high-resolution photographs depicting the installation of solar panels on the rooftops of T.N. Rao College of Teacher Education buildings. These images showcase the placement and configuration of the solar panels, providing visual confirmation of the institution's commitment to harnessing renewable energy sources.



LED Lighting Systems Adoption:

- LED lighting systems deployed throughout the college campus.

Community Engagement Efforts:

- Outreach Program Documentation: Enclosed are details of community engagement initiatives undertaken by T.N. Rao College of Teacher Education to promote sustainable energy practices. This documentation includes records of workshops, seminars, or educational campaigns conducted to raise awareness and encourage community involvement in energy conservation efforts.



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Energy Conservation Measures:

- Following photograph shows the encouragement of behavioral changes among staff and students to reduce energy wastage.




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