



ENERGY POLICY DOCUMENT



FATHIMA MEMORIAL TRAINING COLLEGE

(Affiliated to University of Kerala, Recognised by NCTE)

Accredited to NAAC with 'A' grade (CGPA 3.19)

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Energy Conservation Policy

Fathima Memorial Training College started functioning in July 1997 by the untiring effort of Late Dr.A.Yonus Kunju Ex.MLA, the founder chairman under the Fathima Memorial Educational Trust. The motto of the college” Learn Today Lead Tomorrow” encapsulates our belief in the transformative power of education. We strive to empower prospective teachers to become reflective thinkers and innovative leaders in the accounting profession.

The college has adopted policies for the conservation and management of environmental resources as a key quality initiative to uphold its vision statement. These efforts, including energy conservation, environmental protection, sustainable development and green campus activities, are carried out through the joint endeavors of the Nature Club, and Energy Club.

An institutional energy policy that emphasizes energy conservation and the use of alternative energy sources is a proactive step toward sustainability. Our energy conservation policy, aimed at preparing for a sustainable future, should reflect a commitment to reducing energy consumption, promoting efficiency, and integrating renewable energy sources. Below are key components of such a policy:

Vision

To foster a sustainable campus environment by conserving energy, embracing renewable energy technologies, and promoting eco-friendly practices that empower future educators to lead by example.

Purpose

1. To manage and reduce energy consumption.
2. To help create a culture of responsible and judicious energy use among students, faculty, staff and stake holders.
3. To educate student teachers to create awareness amongst public.
4. To protect and conserve ecological systems and resources within and outside the campus.

Objectives

Reduce Energy Consumption

- Minimize wasteful energy practices through efficient use of resources.
- Replacing conventional lighting with LED lights.
- Establish benchmarks for energy usage across campus facilities.

Adopt Renewable Energy Solutions

- Gradually transition to renewable energy sources like solar, biogas systems.
- Ensure a significant percentage of the college's power requirements are met by clean energy.

Integrate Sustainability into Curriculum

- Encourage the prospective teachers to take up research in sustainable practices for energy conservation.
- Incorporate practical lessons on renewable energy technologies.

Promote Stakeholder Engagement

- Involve staff, students, and community members in energy-saving initiatives.
- Provide regular updates on energy performance and encourage feedback.
- Encouraging the use of public transport, cycling, or electric vehicles within the campus.

Awareness and Training

- Educate stakeholders (students, staff, and administrators) on energy conservation techniques.
- Conduct workshops and training sessions on sustainable practices.

Waste Reduction

- Minimize energy wastage through proper maintenance and optimization of equipment.
- Encourage practices like turning off unused equipment and using natural lighting wherever possible.

Monitoring and Evaluation:

- Set up systems for regular energy audits to assess performance.
- Monitor energy usage and identify areas for improvement.

Such a policy ensures environmental stewardship, reduces the institution's carbon footprint, and often results in significant cost savings over time. If you are drafting or implementing such a policy, integrating feedback from all stakeholders is crucial for its success.

Energy Management Committee

Efficient energy management involves the systematic monitoring, control, and optimization of energy usage. At the college, an Energy Management Committee is actively functioning to oversee and enhance the utilization of energy on campus. This committee plays a pivotal role in streamlining and implementing an effective energy management program. The committee is comprised of dedicated members who collaborate to ensure sustainable and responsible energy practices within the institution.

Chairman: Principal

Secretary: Teacher -In- Charge

Members:

1. Teacher Representatives

2. Student Representatives
3. Non-Teaching Staff Representative
4. Parent Representative

Guidelines for Energy Conservation

1. Electrical Lights and fans can be used whenever required but due care should be taken to switch it off as one leaves the room.
2. Make use of Natural light and breeze as much as possible by keeping the windows open
3. Each Optional class to have a student teacher in charge to check whether the electrical and electronic equipment are switched off when not in use.
4. Computer to be turned off at the end of the day.
5. Encourage the use of bicycles and electric vehicles.
6. Encouraging Research on Energy Conservation and Sustainable practices..
7. Faculty and students to actively engage in projects that contribute to a cleaner, more sustainable future.
8. Collaborate with local communities, government agencies, and industry leaders to access funding, share best practices, and collectively address energy challenges.
9. An Energy audit to be done every alternative year for enhancing accountability.

The Energy Policy is more than a set of guidelines; it represents our dedication to promoting and sustaining a Green Earth by integrating it into all institutional activities. Our college is committed to adhering to the regulations of International, National, and State Governments, actively working to reduce our environmental impact, and setting an example of sustainable energy practices for the wider community.