



AMAL COLLEGE
OF ADVANCED STUDIES

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Myladi, Eranhimangad Po, Nilambur – 679329

Aided by Govt. of Kerala & affiliated to the University of Calicut | NAAC Accredited with A Grade (3.11 CGPA)

Website: www.amalcollege.ac.in | Email: principal@amalcollege.ac.in Phone: 04931207055

ENERGY CONSERVATION POLICY



INTRODUCTION

Amal College of Advanced Studies is dedicated to cultivating a sustainable and eco-conscious campus ethos. Acknowledging the pivotal role of energy conservation in fostering a cleaner and greener environment, the college has formulated a Comprehensive Energy Conservation Policy. This policy aims to address various facets of energy consumption, management, and efficiency within the campus premises. By adhering to this policy, our objective is to curtail energy footprint and cultivate a culture of energy consciousness among students, faculty, and the wider community.

Amal College of Advanced Studies is responsible for energy management in shaping a sustainable tomorrow. Anchored in our commitment to environmental stewardship, we have crafted and implemented a robust Energy Conservation Policy that underscores our resolve to mitigate our environmental impact and nurture a sustainability-driven ethos within our educational community. This policy actively promotes energy-saving initiatives, urging active participation from students, faculty, and staff in endeavors that contribute to efficient energy consumption. Through strategic collaborations with energy conservation entities, we ensure that our energy-saving efforts are aligned with environmentally friendly practices.

It firmly believes that education serves as a catalyst in fostering a culture of sustainability. To this end, the college conducts awareness campaigns and educational programs to enlighten our community about the significance of energy conservation. Training modules are designed to empower individuals to play an active role in achieving our collective environmental objectives. It embarks on this journey toward a greener and more sustainable future, Amal College remains resolute in its commitment to effective energy conservation. This policy epitomizes our dedication to cultivating an eco-friendly educational milieu that equips our students to become responsible global citizens. The overarching purpose of this policy is to facilitate the implementation of the action plan outlined in the "National Environment Policy 2006," focusing on the management of hazardous waste, including their minimization, environmentally sound management, and the active promotion of cleaner technologies.

POLICY STATEMENTS

Amal College of Advanced Studies recognizes the critical importance of energy conservation in fostering a sustainable and environmentally conscious campus community. Energy Conservation Policy aims to address various aspects of energy consumption, management, and efficiency within our premises. Through this policy, the institution dedicated to curbing energy footprint and instilling a culture of energy consciousness among our students, faculty, and broader community. It actively promotes energy-saving initiatives and encourages the active participation of all stakeholders in endeavors that contribute to efficient energy consumption. The Amal College is committed to promoting energy conservation and sustainability throughout its campus and operations. As such, we have developed the following energy conservation policy statements:

- 1 Commitment to Efficiency:** We pledge to continually assess and improve the efficiency of our energy usage across all facilities and activities.
- 2 Education and Awareness:** We will actively promote education and awareness initiatives to engage our students, faculty, and staff in understanding the importance of energy conservation and adopting sustainable practices.
- 3 Resource Optimization:** We will strive to optimize the use of resources such as electricity, water, and natural gas by implementing energy-efficient technologies and practices.
- 4 Reduction of Carbon Footprint:** We are dedicated to reducing our carbon footprint by minimizing energy consumption, utilizing renewable energy sources wherever feasible, and implementing emission reduction strategies.
- 5 Compliance and Standards:** We will adhere to all relevant energy conservation regulations and standards, and endeavor to exceed compliance requirements wherever possible.
- 6 Continuous Improvement:** We are committed to continuously monitoring our energy usage, setting targets for improvement, and implementing measures to achieve them.
- 7 Stakeholder Engagement:** We recognize the importance of engaging with stakeholders, including students, faculty, staff, and the local community, to foster a culture of energy conservation and sustainability.

Through the implementation of these policy statements, the Amal College aims to become a leader in energy conservation and sustainability, contributing to a cleaner and greener future for generations to come.

OBJECTIVES OF THE POLICY

- To assess our energy usage and measure its impact on the environment.
- To conduct energy and environment audit regularly.
- To count CO₂ emissions generated by our means of transportations- vehicles.
- To reduce local air pollution emissions by prohibiting the entry of vehicles in to campus and using pedestrian-friendly roads.
- To install photovoltaic solar panels for the generation of alternate energy.
- To install LED bulbs in the complete campus to save energy.
- To develop systematic waste management mechanism.
- To develop rainwater harvesting unit.
- To undertake tree plantation drive.
- To take additional measures to continuously improve our energy consumption.
- To ensure the availability of necessary resources to achieve our objectives.
- To encourage use of advanced technology to minimize energy consumption, atmospheric emissions and noise, particularly from our vehicle fleets.
- To monitor and respond to emerging environmental and energy issues.
- To strengthen the awareness of energy conservation among the students and teachers.
- To provide information and training opportunities on energy saving measures.
- To offer opportunities for employees and students to engage in initiatives those contribute to environmental protection.

SCOPE OF THE POLICY

The scope of the energy conservation policy at Amal College encompasses all aspects of energy usage and management within the institution. This includes but is not limited to:

- **Facilities:** Energy conservation efforts will be applied to all buildings, facilities, and infrastructure owned and operated by the college, including classrooms, laboratories, offices, dormitories, and recreational spaces.
- **Operations:** The policy extends to all operational activities that consume energy, such as heating, ventilation, air conditioning (HVAC) systems, lighting, water heating, and electrical appliances.

- **Transportation:** Efforts to conserve energy will also include transportation-related activities, such as optimizing fuel usage for college vehicles, promoting carpooling, and incentivizing the use of public transportation or alternative modes of transportation.
- **Procurement:** The policy will influence procurement decisions to prioritize energy-efficient products and equipment, as well as environmentally sustainable materials and technologies.
- **Education and Awareness:** The scope includes educational initiatives aimed at raising awareness about energy conservation among students, faculty, staff, and the wider community, fostering a culture of sustainability.
- **Monitoring and Reporting:** The policy encompasses systems for monitoring and reporting energy consumption, performance metrics, and progress towards energy conservation goals.
- **Compliance and Regulations:** The scope extends to ensuring compliance with relevant energy conservation regulations, standards, and best practices, as well as striving to exceed compliance requirements where feasible.

By addressing these various aspects comprehensively, the energy conservation policy at Amal College aims to create a holistic approach to energy management that reduces environmental impact, promotes resource efficiency, and cultivates a culture of sustainability throughout the institution.

POLICY FORMATION

The Advisory Board for Energy Conservation Policy, under the dynamic leadership of its Principal serving as Chairman, comprises a diverse array of stakeholders committed to fostering sustainable practices within our institution. Led by the Principal, the board includes the IQAC Coordinator, Natural Club Coordinator, Bhoomithra Sena Coordinator, NSS Program Officers, and members of the Criteria seven team, ensuring representation from various facets of the institution. Furthermore, the inclusion of two outside experts, nominated by the Principal, brings valuable external perspectives to the table, enriching the discourse and decision-making processes. Together, this multidisciplinary assembly collaborates to develop and implement robust energy conservation policies, fostering a culture of environmental stewardship and responsibility within the institution and beyond.

CONCLUSION

The energy conservation policy at Amal College stands as a testament to our unwavering commitment to sustainability and responsible stewardship of resources. Through a comprehensive approach encompassing facilities, operations, transportation, procurement, education, and compliance, we pledge to reduce energy consumption, minimize our carbon footprint, and foster a culture of environmental awareness and responsibility within our institution and beyond. By embracing energy-efficient practices, leveraging renewable energy sources, and engaging stakeholders in collaborative efforts, we strive to create a greener, more sustainable future for generations to come, embodying our dedication to excellence in education and environmental leadership.



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