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Agni College of Technology

Approved by AICTE / UGC, New Delhi. Accredited by NBA. Affiliated to Anna University, Chennai.
ISO 9001:2015 Certified Institution. Estd. 2001
OMR, Thalambur, Chennai - 600 130   Phone : 044 6740 9441 Mobile : 9445024081 www.act.edu.in

POLICY DOCUMENT ON ENVIRONMENT AND ENERGY USAGE

ACT/POLICY/EP/12   **02/06/22**

Preamble:

Agni College of Technology recognizes the critical importance of responsible environmental stewardship and sustainable energy use. This policy outlines our commitment to reducing our environmental footprint, minimizing energy consumption, and fostering a culture of conscious resource management within the college community.

Scope:

This policy applies to all aspects of college operations, including academic buildings, administrative offices, laboratories, student residences, sports facilities, and grounds. All members of the Agni College of Technology community, including students, faculty, staff, and contracted vendors, are responsible for upholding the principles outlined in this policy.

Actionable Strategies:

Energy Efficiency:

- Conduct regular energy audits to identify areas for improvement and implement energy-saving measures.
- Upgrade lighting systems to energy-efficient LEDs in all buildings and outdoor areas.
- Install occupancy sensors and timers for automatic lighting and equipment control.
- Promote responsible equipment usage, encouraging practices like powering down computers and electronics when not in use.
- Utilize natural ventilation and daylighting whenever possible to reduce reliance on artificial lighting and air conditioning.
- Invest in energy-efficient appliances and equipment for all areas of campus operations.
- Explore the feasibility of renewable energy sources like solar panels to supplement overall energy needs.

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Water Conservation:

- Install low-flow plumbing fixtures and water-efficient landscaping practices to minimize water consumption.
- Conduct regular maintenance of plumbing systems to identify and repair leaks promptly.
- Implement rainwater harvesting systems for irrigation and other non-potable water uses.
- Promote water conservation awareness campaigns among the college community.

Waste Management:

- Implement a comprehensive waste reduction and recycling program, segregating waste at source and ensuring proper disposal and recycling of paper, plastic, glass, metal, and organic waste.
- Reduce the use of single-use plastics by providing alternatives like reusable water bottles and bags.
- Organize composting programs for organic waste generated in food courts and hostels.
- Partner with local organizations to promote responsible waste management practices beyond the campus.

Environmental Awareness:

- Integrate environmental sustainability into the academic curriculum across relevant disciplines.
- Organize workshops, seminars, and awareness campaigns on environmental issues and green practices.
- Encourage student participation in environmental initiatives through clubs, projects, and volunteer activities.
- Recognize and celebrate individual and collective efforts towards achieving environmental goals.

Monitoring and Evaluation:

- Establish a Green Committee comprising faculty, staff, and student representatives to oversee the implementation of this policy and monitor progress towards achieving sustainability goals.
- Regularly track and analyze data on energy consumption, water usage, and waste generation to identify areas for improvement.

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Communication and Collaboration:

- Communicate this policy effectively to all members of the college community through various channels, including orientation sessions, student handbooks, and online platforms.
- Foster collaboration with local government agencies, environmental organizations, and other stakeholders to share best practices and resources.

This policy will be reviewed and revised periodically to reflect evolving technologies, best practices, and environmental challenges.

Principal

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