

# Energy Conservation & Recycling Policy

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## *Title*

This Policy may be referred to as the Energy Conservation and Recycling Policy of JSS Academy of Higher Education and Research.

## *Application and Commencement*

This Policy applies to all the students, staff, and other stakeholders of the JSS Academy of Higher Education and Research from the date of Policy Formulation and/or Policy Revision.

## *Preamble*

JSS Academy of Higher Education & Research (JSS AHER) recognizes the critical importance of energy conservation and sustainable waste management in mitigating the impact of climate change and promoting environmental stewardship. This Energy Conservation & Recycling Policy aims to instill a culture of energy efficiency and waste reduction across all campuses of JSS AHER. By implementing sustainable practices, JSS AHER seeks to reduce its carbon footprint, conserve natural resources, and contribute to a greener and cleaner future.

## *Purpose*

The Energy Conservation & Recycling Policy outlines the principles, objectives, and strategies for promoting energy conservation and recycling practices within the institution. This policy aims to raise awareness, foster responsible energy use, and encourage the adoption of sustainable waste management practices among students, faculty, staff, and visitors of JSS AHER. To minimize energy usage, improve the efficiency of all energy/ resources (natural resources, water, electricity) consuming systems and equipment, and improve the environment in all facilities, JSS AHER has adopted an energy / resources conservation and recycling policy.

## *Scope*

This policy applies to all members of the JSS AHER community, including students, faculty, staff, visitors, contractors, and any other individuals present on JSS AHER campuses.

## *Definitions*

- Energy conservation: Energy conservation is a practice of decreasing the quantity of energy used and achieved through efficient energy use.
- Recycle: Recycle is a process of collecting and reprocessing materials that would typically be considered waste.

## *Policy Guidelines*

Conservation of energy and natural resources and recycling process is an integral part of JSS AHER facilities' design and usage. The University employs a variety of energy conservation, recycling, and other techniques to lessen the consumption of resources and achieve the lowest feasible life cycle costs. However, occupant health, safety, comfort, and program requirements shall always be the primary concerns. Energy conservation measures will be achieved by using the most cost-effective, energy-efficient approach with consideration given for flexibility of use and future remodelling convenience. Recycling efforts are encouraged at the Institution/department level.

## *Energy Conservation*

- a) Energy Efficiency Measures: JSS AHER will implement energy-efficient technologies and practices to minimize energy consumption across all facilities, including lighting, heating, cooling, and ventilation systems. The institution will

prioritize the use of energy-efficient equipment and appliances during procurement.

- b) Awareness and Education: Regular awareness campaigns, workshops, and seminars will be conducted to educate the campus community about the importance of energy conservation and ways to reduce energy consumption in their daily activities.
- c) Temperature Control: JSS AHER will establish guidelines for temperature control in indoor spaces to optimize energy usage while maintaining comfort for occupants.
- d) Equipment Shutdown: Faculty, staff, and students will be encouraged to power off lights, electronics, and equipment when not in use to prevent unnecessary energy consumption.

### *Renewable Energy Adoption*

- a) JSS AHER will explore opportunities for adopting renewable energy sources such as solar, wind, and biomass to supplement its energy needs. The institution will consider the feasibility of installing renewable energy systems on campus.
- b) Partnerships: JSS AHER will collaborate with relevant agencies, organizations, and renewable energy providers to explore and implement sustainable energy solutions.

### *Waste Management & Recycling*

- a) Waste Segregation: JSS AHER will implement a comprehensive waste segregation program to ensure the proper separation of recyclable materials from general waste. Separate bins will be provided for different types of waste.
- b) Recycling Infrastructure: The institution will establish recycling infrastructure on campus to facilitate the collection and recycling of paper, plastic, glass, metal, and other recyclable materials.
- c) Composting: JSS AHER will promote composting initiatives to divert organic waste from landfills and use it as a resource for sustainable agriculture and landscaping practices.
- d) Awareness and Training: Regular workshops and training sessions will be organized to educate the campus community about waste segregation, recycling practices, and the importance of reducing waste generation.

### *Responsible Use of Resources:*

- a) Water Conservation: JSS AHER will implement water-saving measures and encourage responsible water use across its campuses. This includes fixing leaks, using water-efficient fixtures, and promoting awareness of water conservation practices.

b) Paperless Initiatives: The institution will encourage the use of digital communication and documentation to reduce paper consumption and promote a paperless environment wherever possible.

### *Responsible Units:*

- All faculty, staff, students, design consultants, and construction contractors must observe energy and resource conservation measures employed by the campus.
- The Campus Facilities Maintenance & Management Authority- Deputy Registrar shall be the principal coordinator of all design disciplines, which includes responsibility for the implementation of this policy.
- Constituent Colleges & Departments shall be responsible for internal energy conservation and recycling efforts.

### *Related Policies*

The energy conservation and recycling policy of JSS AHER supports the following policies:

- The Swachh Bharat Mission (Urban) guidelines- Government of India.
- National conservation strategy and policy statement on environment and development- Government of India.

### *Review and Amendment*

The Energy Conservation & Recycling Policy aims to promote sustainable energy practices and responsible waste management at JSS Academy of Higher Education & Research. By implementing energy efficiency measures, adopting renewable energy solutions, and encouraging recycling initiatives, the institution seeks to reduce its environmental impact and foster a culture of sustainability. The policy also emphasizes awareness, education, and partnerships to ensure the successful implementation of sustainable practices across the campus community.

This policy will be reviewed periodically to assess its effectiveness and make necessary amendments based on feedback and emerging sustainability trends.

The Vice-Chancellor and Registrar of JSS Academy of Higher Education & Research hold delegated authority and responsibility for the effective implementation of the policy.

Date of Implementation: 03.03.2016

Date of Last Revision: 03.03.2023

Date for Next Revision: 03.03.2026



**REGISTRAR**