

Energy Efficiency, Renovation, and New Building Policy of JSS Academy of Higher Education & Research

Preamble:

JSS Academy of Higher Education & Research (JSS AHER) is committed to sustainable development and environmental stewardship. The Energy Efficiency, Renovation, and New Building Policy outlines our dedication to optimizing energy use, promoting green practices, and implementing energy-efficient measures in existing buildings and new construction projects.

Policy Statement:

JSS AHER recognizes the importance of reducing our carbon footprint and conserving resources. This policy aims to integrate energy-efficient practices in our facilities, embrace green building principles, and enhance the overall sustainability of our campus.

Objectives:

- a. **Energy Efficiency:** The policy aims to reduce energy consumption across the university by implementing energy-efficient technologies and practices.
- b. **Green Building Standards:** JSS AHER will adhere to recognized green building standards in all new construction and renovation projects.
- c. **Sustainability and Conservation:** The policy emphasizes the importance of resource conservation, waste reduction, and sustainable practices in facility management.

Energy Efficiency Measures:

- a. **Energy Audits:** Regular energy audits will be conducted to identify areas of energy wastage and opportunities for improvement.

- b. Energy Management System: JSS AHER will implement an energy management system to monitor and optimize energy use in buildings and facilities.
- c. Energy-Efficient Lighting: The university will replace traditional lighting with energy-efficient LED lighting wherever feasible.
- d. Renewable Energy: JSS AHER will explore the integration of renewable energy sources, such as solar panels and wind turbines, to supplement our energy needs.

Renovation and Retrofitting:

- a. Sustainable Materials: Whenever possible, renovation projects will prioritize the use of sustainable and eco-friendly building materials.
- b. Energy-Efficient HVAC Systems: Renovated buildings will be equipped with energy-efficient heating, ventilation, and air conditioning (HVAC) systems.
- c. Water Conservation: Renovation projects will include water-saving measures, such as low-flow fixtures and water recycling systems.

New Building Construction:

- a. Green Building Design: All new construction projects will adhere to green building design principles, aiming for certifications such as LEED (Leadership in Energy and Environmental Design) or equivalent standards.
- b. Energy Performance Standards: New buildings will be designed to meet or exceed energy performance standards set by relevant authorities.
- c. Sustainable Landscaping: The university will implement sustainable landscaping practices to reduce water consumption and support local biodiversity.

Awareness and Education:

- a. Training Programs: JSS AHER will conduct training programs and workshops to raise awareness among staff, faculty, and students about energy conservation and sustainable practices.
- b. Green Initiatives: The university will communicate and promote its energy efficiency and sustainability initiatives to inspire collective action.

Monitoring and Evaluation:

- a. Performance Tracking: The university will regularly monitor and assess the effectiveness of energy efficiency measures and sustainability initiatives.
- b. Continuous Improvement: Based on performance evaluations, JSS AHER will continuously strive to improve energy efficiency and sustainability practices.

Funding and Investment:

- a. Budget Allocation: JSS AHER will allocate a portion of its budget for energy efficiency projects and sustainability initiatives.
- b. External Funding: The university will actively seek external funding and grants to support large-scale energy efficiency and green building projects.

Responsibilities:

The Vice-Chancellor, Registrar, Principals of constituent colleges, and Heads of departments hold responsibility for implementing Energy Efficiency, Renovation, and New Building Policy and monitoring the activities under this policy.

Review and Evaluation:

This policy will be reviewed periodically to ensure its effectiveness and relevance. Feedback from staff, faculty, students, and other stakeholders will be sought to evaluate the policy's impact and identify areas for improvement.


JSS AHER is committed to reducing its environmental impact and promoting energy efficiency in all aspects of its operations. This Energy Efficiency, Renovation, and New Building Policy reflects our dedication to sustainability and our responsibility to contribute to a greener and more sustainable future.

Date of Implementation: 09.07.2016

Date of Last Review: 09.07.2023

Date for Next Review: 09.07.2026




REGISTRAR
REGISTRAR
JSS Academy of Higher Education & Research
Sri Shivarathreeswara Nagar
Mysuru-570015, Karnataka, India