



Energy Preservation Policy

• *Preamble*

In the ecologically vulnerable buffer zone of Idukki district, St. Joseph's College, Moolamattom, understands the crucial need of energy saving in reducing environmental effect. Our dedication to ethical energy management and sustainability is outlined in our Comprehensive Energy Preservation Policy.

• *Objectives*

- To reduce energy usage and associated expenses, increase energy efficiency across all operations and facilities.
- Reduce greenhouse gas emissions and other pollutants linked to the production and use of energy to lessen the college's carbon footprint and environmental effect.
- Increase the use of renewable energy such as solar panels to power college facilities
- Inform the community, faculty, and students on the value of sustainable practices and energy conservation.
- Encourage energy-related research and innovation for both academic and novel approaches to energy conservation.

• *Policy Statements*

- The College periodically informs faculty and students about the need for energy conservation
- The Institution installs energy efficient electrical apparatuses, LED bulbs and LCD display boards.
- Green energy is used with optimum priority to reduce carbon footprint in this Institution
- College has its policy to promote the usage of Energy Star qualified equipment and appliances across the campus.
- College conducts regular energy audits to identify and rectify areas of energy waste.
- In order to decrease reliability on non-renewable energy sources, College prefers to increase the number of solar panels on appropriate roof tops of the college to harness renewable energy for its day-to-day function.



- As a means to dispose of the organic waste generated in the College and convert the same into biomass energy, there functions a biomass energy production unit
- Departments that have energy management as areas of study can offer add-on courses pertinent to the production of energy efficient electrical or electronic equipment.
- The College conducts workshops, seminars, and awareness campaigns on energy conservation.
- In order to monitor and analyze energy usage in real-time, the College installed energy meters and monitoring systems.
- The College promotes energy-saving behaviors among students and faculty, such as turning off lights and appliances when not in use.
- Environmentally beneficial modes of transportation, such as carpooling and public transportation means, are promoted to conserve energy.
- The College has Innovation Cells offering space where students can develop and present innovative energy-saving ideas.
- To enhance the efforts of energy conservation, inputs from the stakeholders of the college community are sought periodically.
- Only on the occasion of emergency when the power supply is interrupted owing to external or internal causes, College resorts to diesel generator for the production of electricity.
- Review and update this policy on a regular basis to reflect changing best practices and technological advancements in energy conservation.

Time of implantation of this policy is from 01 June, 2019

- ***Review Mechanism***

This policy may be reviewed annually to assess its effectiveness and make necessary updates to align with the advent of novel technological modifications and applications.

Authorized Signatory

Principal

St. Joseph's College, Moolamattom

