AQAR 2023 - 2024

SANTHIGIRI COLLEGE
OF COMPUTER SCIENCES
Affiliated to M.G. University, Approved by AICTE and Accredited by NAAC

CRITERION 7

7.1.2 ENVIRONMENTAL CONSCIOUSNESS AND SUSTAINABILITY 2023 – 2024

ENERGY CONSERVATION INITIATIVES AT SANTHIGIRI COLLEGE OF COMPUTER SCIENCES

PRINCIPAL
SANTHIGIRI COLLEGE OF COMPUTER SCIENCES
VAZHITHALA P. O., THODUPUZHA
KERALA, PIN : 685 583

CRITERIA 7.1.2

ENERGY CONSERVATION INITIATIVES AT SANTHIGIRI COLLEGE

At Santhigiri College of Computer Sciences, sustainability is at the core of its energy initiatives, aimed at reducing the environmental impact while promoting resource conservation.

Solar Energy: The college has installed solar panels on its rooftops to harness renewable energy from the sun. This initiative helps reduce reliance on conventional electricity sources, cuts down on electricity costs, and lowers the campus's carbon footprint. By generating clean energy, the college exemplifies its commitment to sustainability and serves as an educational model for students and the community.

Biogas Plant: The college operates biogas plant that converts organic waste, including food scraps from hostels and canteens, into biogas. This biogas is used as a clean cooking fuel, reducing the need for traditional fuels like LPG. The plant supports the college's waste management system, promoting waste-to-energy conversion, reducing landfill waste, and contributing to a circular economy.

LED Bulbs: In line with its energy conservation goals, the college has switched to LED bulbs across the campus. LED lights are highly energy-efficient, consuming less power than conventional incandescent bulbs. They also have a longer lifespan, further reducing energy use and minimizing waste. This initiative is an effective way to lower electricity consumption and the environmental footprint of the campus.

Wheeling to the Grid: The college's Wheeling to the Grid initiative allows surplus solar energy to be fed back into the local power grid. This helps the college optimize its renewable energy usage, supports the local energy supply, and further reduces reliance on non-renewable energy sources. Through these initiatives, Santhigiri College actively contributes to sustainability and environmental responsibility.

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