



RCMAS
RAJAGIRI COLLEGE OF MANAGEMENT &
APPLIED SCIENCES

Criterion VII Institutional Values and Best Practices

RAJAGIRI COLLEGE OF MANAGEMENT AND APPLIED SCIENCES

RAJAGIRI VALLEY P.O, KAKKANAD, KERALA 682039

An ISO 9001 : 2015 Certified Institution

Affiliated to Mahatma Gandhi University, Kottayam and Approved by AICTE

7.1

Institutional Values and Social Responsibilities

7.1.2

Photos of Alternate Sources of Energy and Energy Conservation

Submitted to



7.1.2 Photos of Alternate Sources of Energy and Energy Conservation

INDEX

Sl. No.	Alternate Energy Sources	Page no.
1.	Solar Energy	3
2.	Solar Lights	5
3.	Sensor Lights and LED Appliances	6
4.	Energy-saving Electrical Equipments	7
5.	Biogas Plant	8
6.	Eco-friendly Vehicles and Charging points	9
7.	Automatic Switch for Water Pumps	10
8.	Polycarbonate Sheets	11
9.	Green Shade	12
10.	Multi-purpose Open Class/Ettuvattom	13



Legend

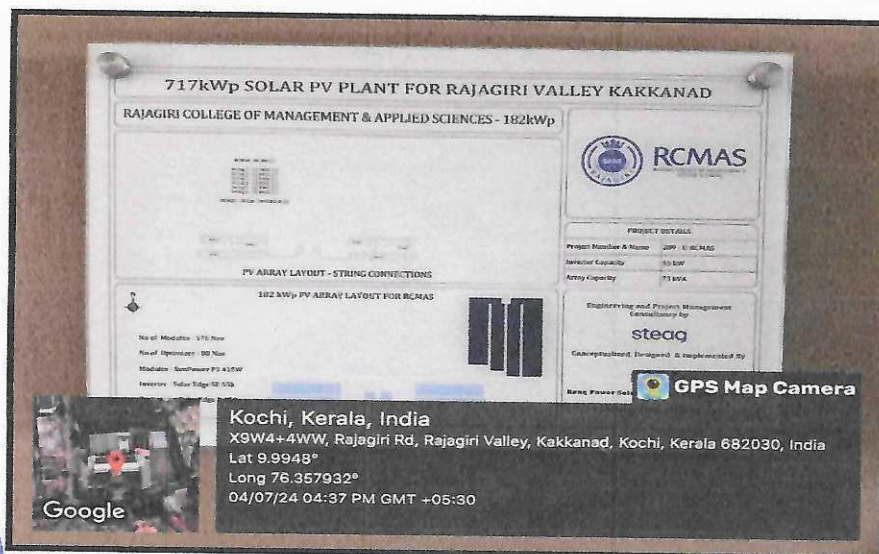
Photos of Alternate Sources of Energy and Energy Conservation

1. Solar Energy

The solar panel system, comprising state-of-the-art photovoltaic cells, harnesses the abundant solar resource to generate clean and renewable electricity.



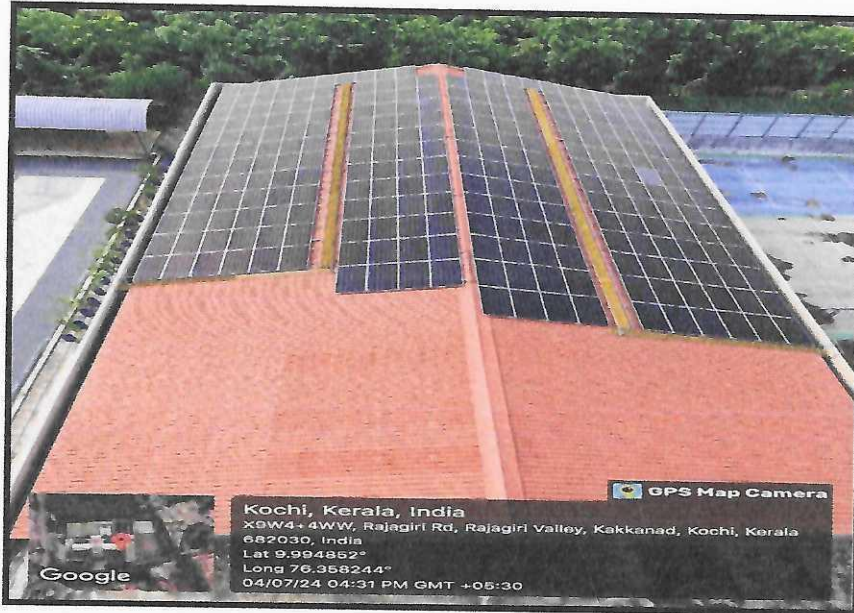
Details of the Solar Power Plant



Legal

Solar Panels atop the College Auditorium

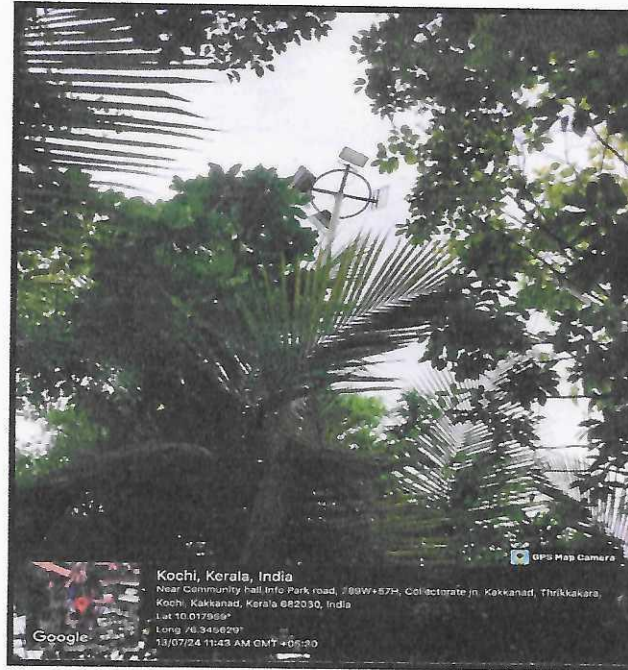
The solar panel serves as an educational tool, allowing students and faculty to learn about renewable energy and the significance of sustainable practices.



Legal

2. Solar Lights on the Campus

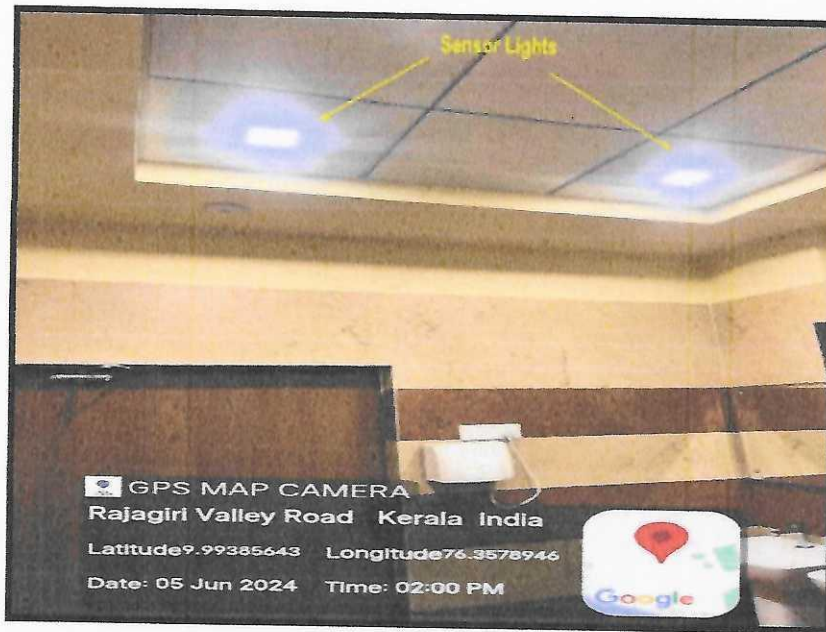
These lights, which derive their power from solar radiation and are powered by clean, renewable energy, represent the college's dedication to cutting carbon emissions and minimizing its environmental impact in addition to providing light.



Legend

3. Sensor Lights and LED Appliances

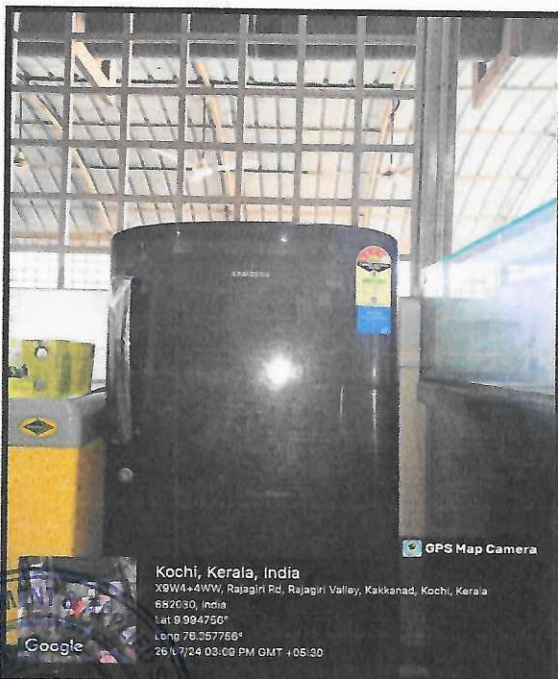
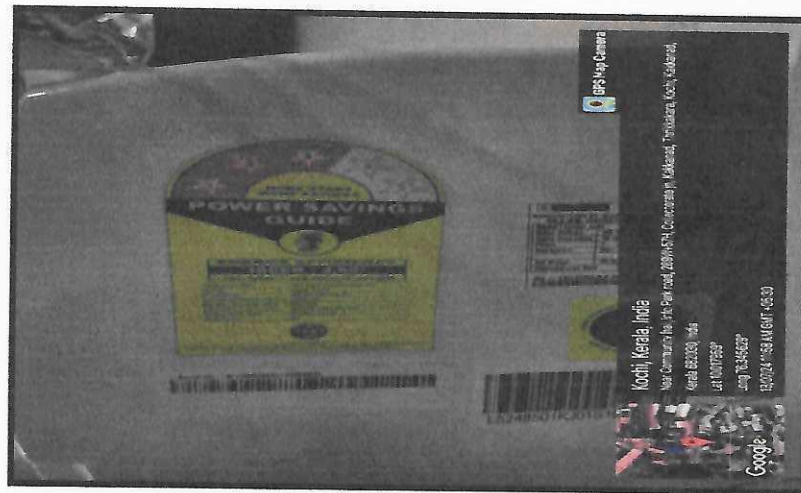
LED appliances used in classrooms and computer labs, with their energy-efficient design and longevity, serve as icons of sustainability, casting aside the shadows of inefficiency and waste.



Legal

4. Energy-Saving Electrical Equipments

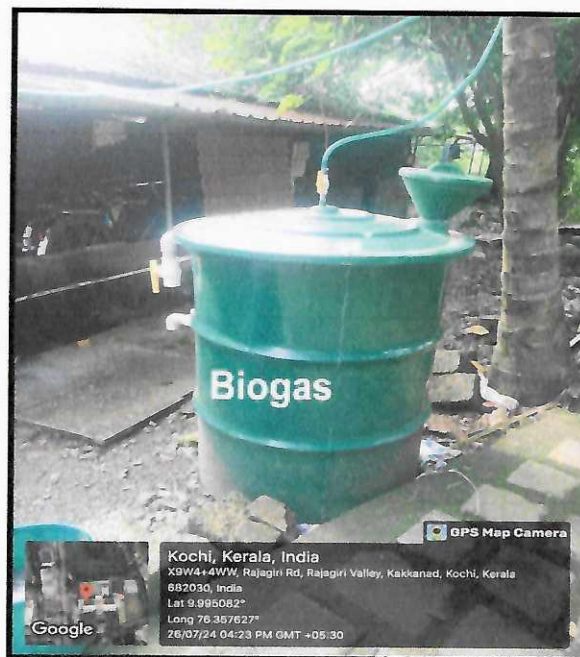
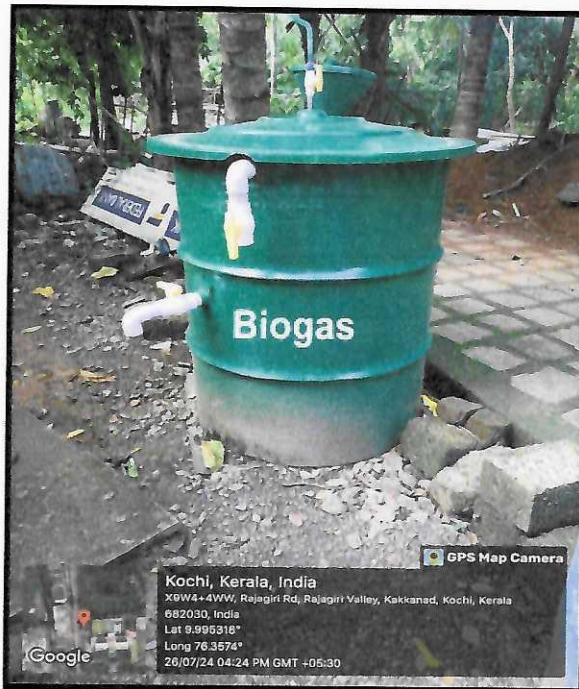
The electrical appliances like air conditioners and refrigerators are **three-star** and **four-star** rated and they significantly reduce energy consumption compared to their less efficient counterparts, leading to lower environmental impact and long-term cost savings.



Legal

5. Biogas Plant

The College aims to generate a clean and sustainable energy source while effectively managing organic waste with the biogas plant.



Legend

6. Eco- Friendly Vehicles and Charging Points

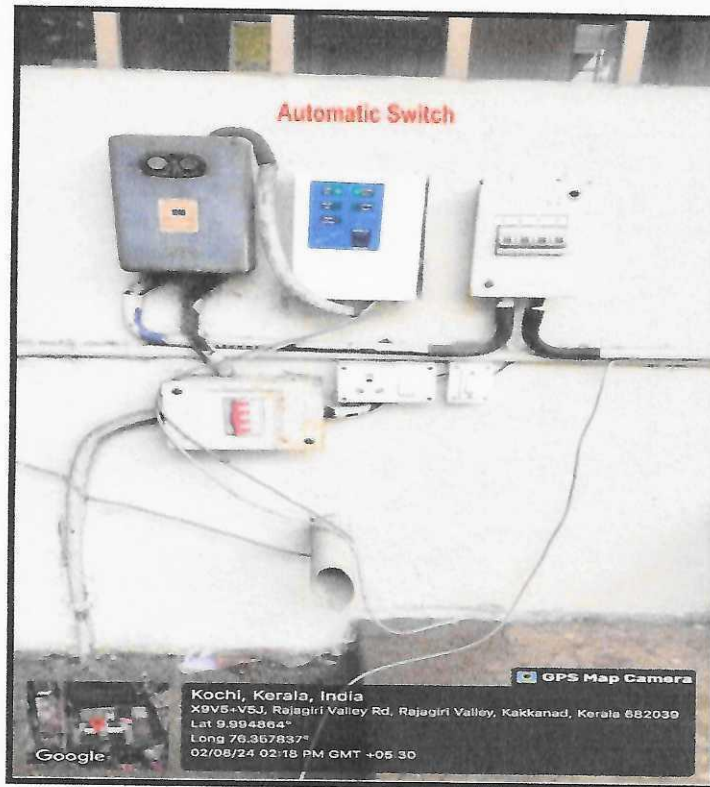
By providing designated charging stations and fostering a culture that embraces EVs as a viable mode of transportation, the college actively works towards a more sustainable campus environment.



Legal

7. Automatic Switch for Water Pumps

These switches ensure that the pump is activated when the water level drops below a predetermined point and automatically shuts off when the tank is full, preventing overflow.



Legend

8. Polycarbonate Sheets

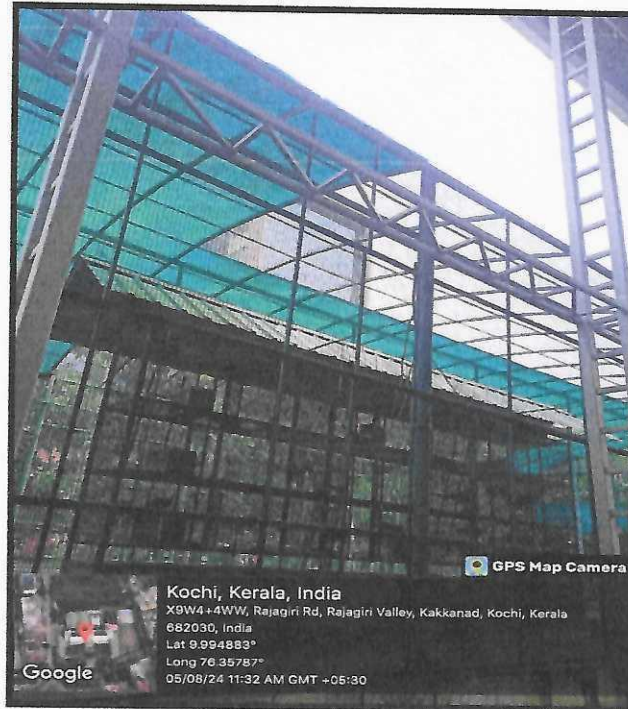
Polycarbonate sheets reduce the need for artificial lighting during daylight hours, leading to significant energy savings.



Legend

9. Green Shade

Green Shades shield people, animals and plants from harmful UV rays. Unlike natural plants, artificial green shades require minimal care, saving time and resources.



Legend

10. Multi- Purpose Open Class/ Ettuvattom

It is used as an open classroom, for teaching and learning, creating a serene, naturally bright and properly ventilated setting without relying on electricity.



PRINCIPAL
Rajagiri College of Management & Applied Sciences
Rajagiri Valley. P. O., Kakkannad - 682 039