



RAJAGIRI VISWAJYOTHI
COLLEGE OF ARTS AND APPLIED SCIENCES
VENGOOR , PERUMBAVOOR KERALA- 683546

An ISO 9001 : 2015 Certified Institution

Affiliated to Mahatma Gandhi University, Kottayam | Approved by AICTE



CRITERION 7

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 Institutional Values and Social Responsibilities

2019-2024

Submitted to



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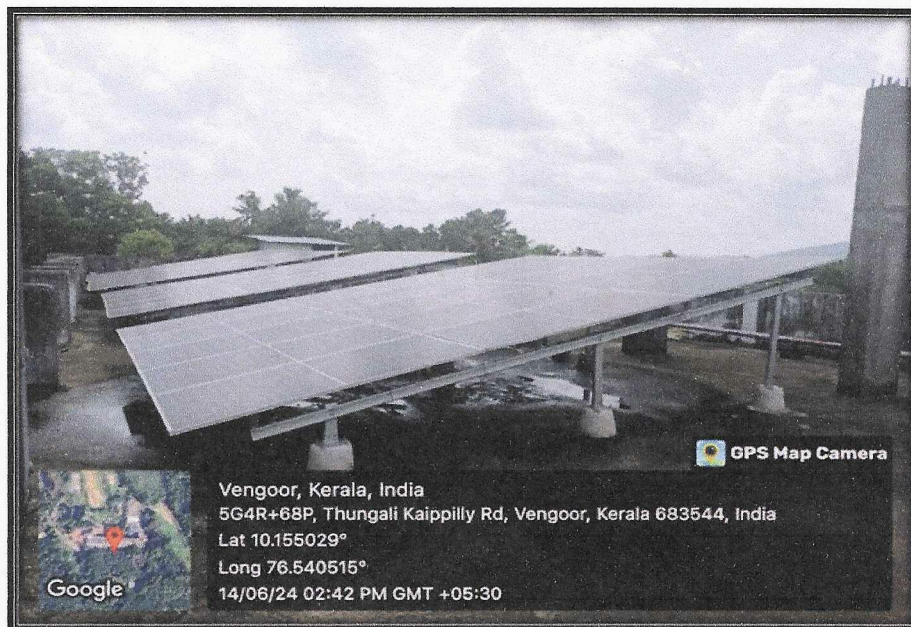


7.1.2 Photographs of Alternate Sources of Energy and Energy Conservation Measures

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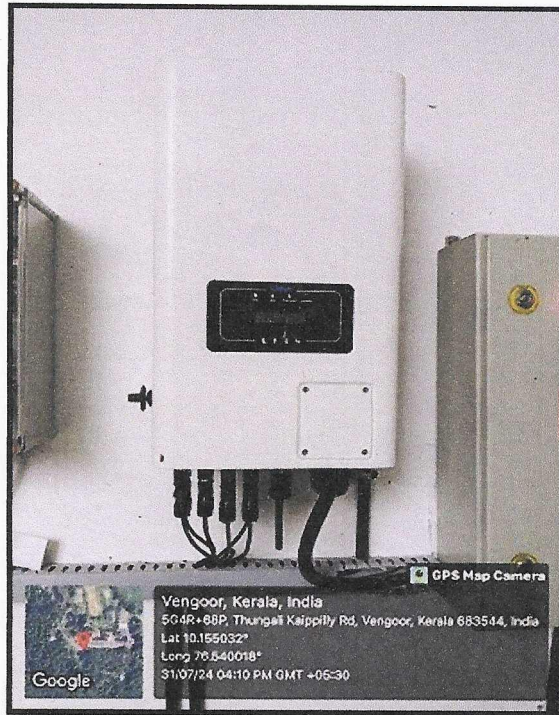
1. Solar Panels

Name	On-Grid Solar Panels and Connected Electrics
College Participation	Signed an agreement with KSEB on 25.05.2023
Capacity of Power Plant	30.24 kWp On-Grid Solar Power Plant for Rooftop Installation
Location	Main Building Rooftop
Year of Implementation	27.11.2023



On-Grid Solar Panel Rooftop Installation for the Main Building,
RVCAS and Switch Board





Solar Inverter Installation at RVCAS

2. Solar Water Heater



Solar Water Heater Rooftop Installation for the Hostel Building, RVCAS

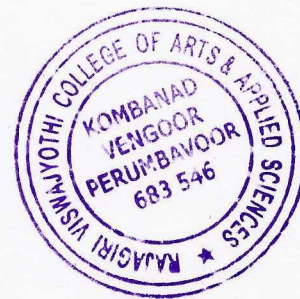


3. Biogas Plant

Nature of Facility	Portable Biogas Plant with Water Jacket
Year of Implementation	2023
Capacity	15 kg per day
Diameter	2.5 meter
Output Gas Per day	2 m ³



Biogas Plant Installed at the College Canteen



4. Solar Street Lamps



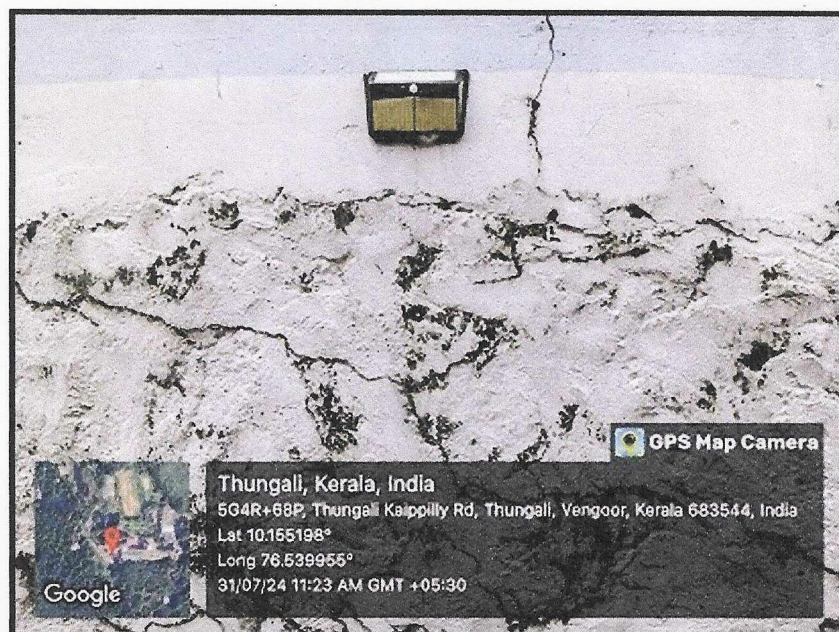
Street Light Located Near Lindeza



Street Light Located Near the Cafeteria



5. Solar Auto Sensing Lights



Solar Auto Sensing Lights on the Campus

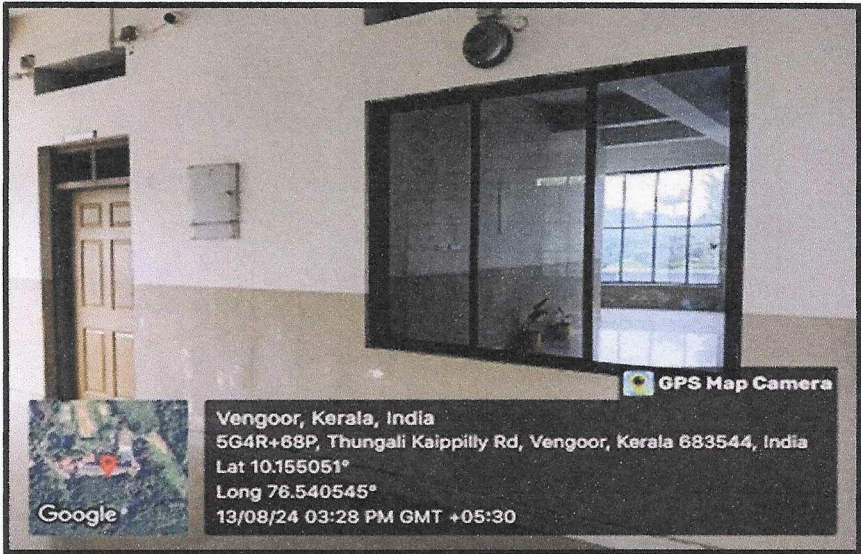


6. Energy Conservation Awareness Campaign



"Save Energy": Posters Above Switch Boards

7. Transparent Mirror Classroom



Transparent Mirror Classroom



8. Polycarbonate Sheet Roofing

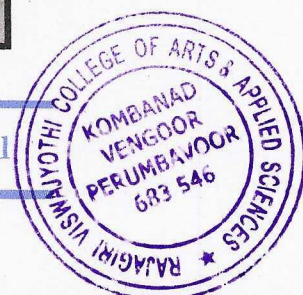


Polycarbonate Sheet Roofing of the Canteen

9. Multi-Purpose Open Lecture Hall



Invited Lecture at the Multi-Purpose Open Lecture Hall



10. Floating Valve



A Floating Valve inside the Water Tank

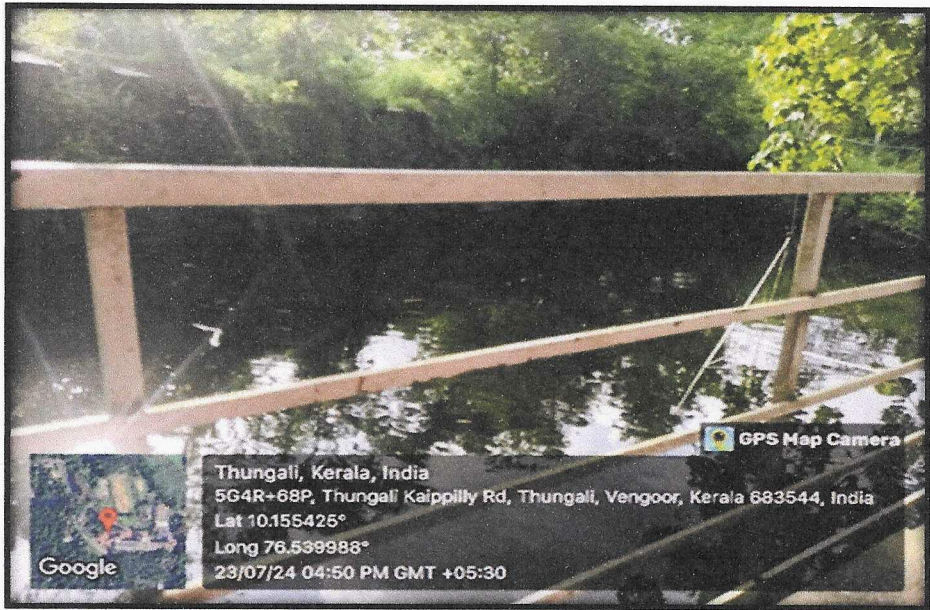
11. Rainwater Harvesting



Underground Storage Pit of Rainwater Harvesting System

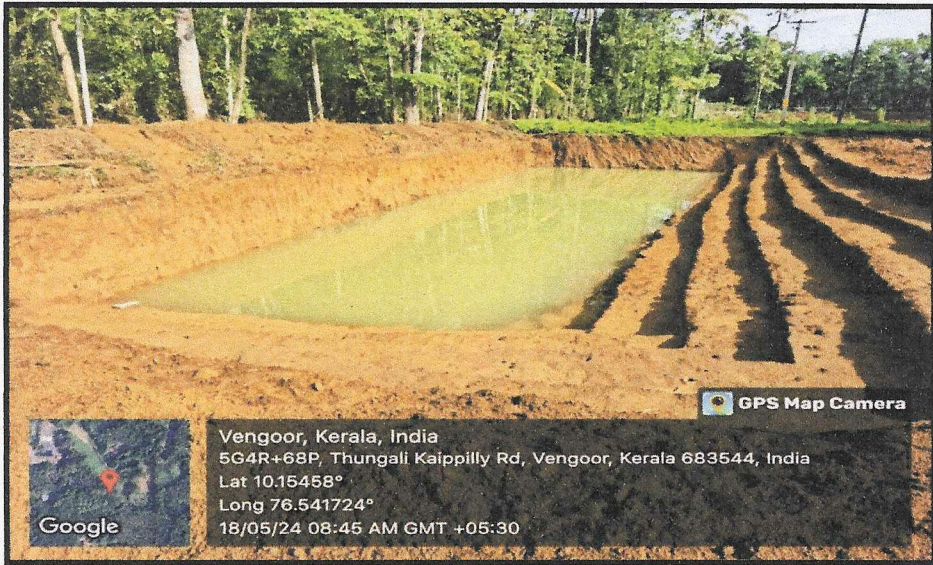


12. Waterscape



Waterscape Inside the RVCAS Campus

13. Open Water Recharge Pit



Pond and Open Water Recharge Pit on the Campus



14. Oxygen Zone



Oxygen Zone on Campus

15. Wisdom Path



Quiet Study Moments at the Wisdom Path

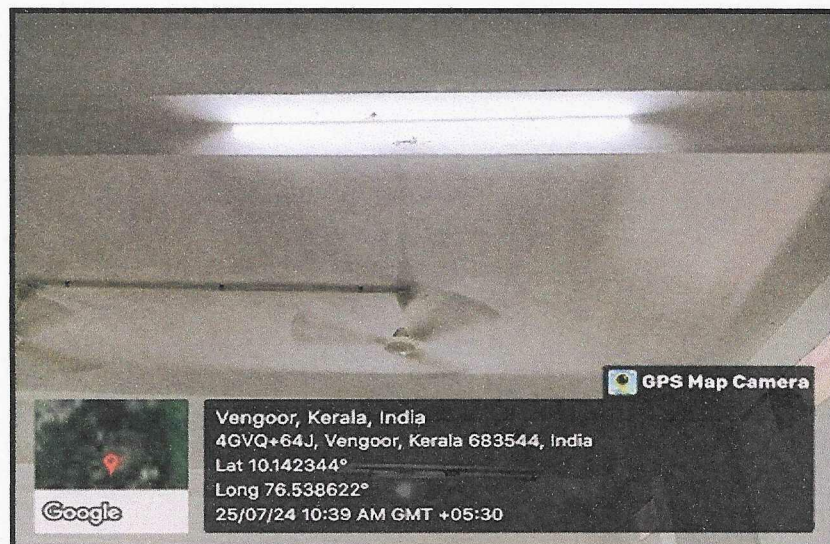


16. LED Lights



LED Lights Illuminating RVCAS Board Room

17. LED Tube Lights



LED Tube Lights in the Classroom



18. Smart Air Conditioners

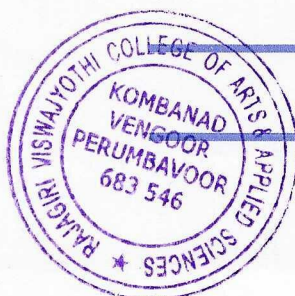


Air Conditioner in the Board Room

19. Smart Fans



Smart Fan in the Board Room



PRINCIPAL
Rajagiri Viswajyothi College of
Arts & Applied Sciences
Vengoor, Perumbavoor-683 546