DOCUMENT RELATED TO CLEAN AND GREEN CAMPUS INITIATIVE

1. SOLAR STREET LIGHTS

Solar street lights harness energy from the sun, a renewable and inexhaustible source. This reduces dependence on traditional energy sources and helps combat climate change by lowering carbon emissions. These street lights operate entirely on solar power, eliminating the need for grid electricity. This results in significant cost savings over time, as there are no ongoing electricity bills to pay. These lights have fewer components and moving parts compared to traditional street lights, leading to lower maintenance costs. Once installed, they require minimal upkeep, reducing the overall operational expenses. Solar street lights produce clean energy without emitting harmful pollutants or greenhouse gases. This helps in reducing the carbon footprint and contributes to environmental sustainability. The solar street lights present in the institute generate 15 W power for 6-7 hours.

SOLAR STREET LIGHTS

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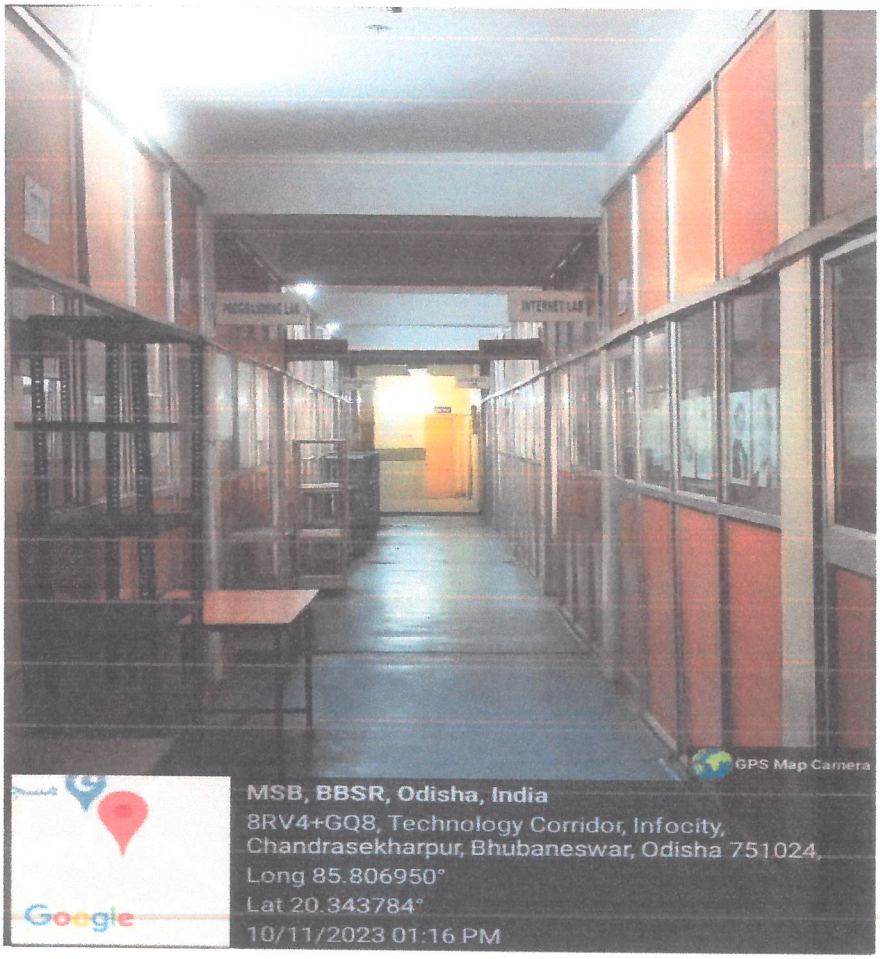
2. LED BULBS

The institution has taken all care to enhance the energy efficiency throughout the campus. All the conventional electric bulbs were replace d with LED bulbs as a measure for energy saving. In our campus all the lighting has been done through LED bulbs and bars as LED lights are long lasting, less energy consuming and the heat generation is also low with higher light output.



LED LIGHTS IN THE CORRIDOR

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LED LIGHTS IN THE LABORATORIES

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3. WASTE MANAGEMENT

Our institution has taken several measures in maintaining a clean and green campus with eco-friendly management of different wastes such as

- Solid waste
- Liquid waste
- E-waste

A) SOLID WASTE MANAGEMENT

Solid waste management is an integral aspect of the institution's commitment to environmental responsibility. It involves the systematic collection and disposal of materials that have served their purpose or are no longer useful. The institution ensures the effective management of solid waste within the campus through careful monitoring and various initiatives

Waste Bin Placement:

Bins for solid waste, separated into dry and wet categories, are strategically placed at every corner of the corridor and near washrooms.

Chemical Disposal:

Empty chemical bottles and reagent containers are disposed of regularly, following proper protocols.

Disposal Process:

The waste is collected and handed over to municipality collection vehicles on a daily basis for proper disposal.

Awareness Programs:

The institution conducts awareness programs on waste management to educate the campus community about responsible waste disposal practices.

B) LIQUID WASTE MANAGEMENT

Liquid waste management is a crucial practice aimed at preventing the discharge of pollutants into waterways. The institution is dedicated to collecting and disposing of hazardous liquid items, particularly from science laboratories and the canteen. To manage liquid waste effectively

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Waste Water Channels:

Liquid waste generated from science laboratories is channeled through underground channels for proper disposal.

C) E-WASTE MANAGEMENT:

E-waste management involves the proper disposal and management of electronic waste, encompassing old or discarded electronic gadgets such as phones, computers, and televisions. The institution ensures responsible handling of electronic waste:

Collection of E-Waste:

E-waste generated from obsolete electronic equipment, including computer monitors and CPUs, is collected by "JAGANNATH E-WASTE RECYCLERS" Remaining electronic waste is disposed of through collaboration with municipal agencies, ensuring environmentally friendly practices.

SOLID WASTE MANAGEMENT

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LIQUID WASTE MANAGEMENT

E- WASTE MANAGEMENT

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4. WATER CONSEVATION FACILITIES

- Bore well
- Waste water recycling
- Maintenance of water bodies and distribution system in the campus
- Rain water harvesting

Rainwater harvesting helps conserve water by capturing and storing rainwater, reducing the reliance on traditional water sources. This is particularly important in regions facing water scarcity or drought conditions. By using harvested rainwater for non-potable purposes such as irrigation, flushing toilets, or washing vehicles, individuals and businesses can reduce their demand on municipal water supplies. This helps in mitigating pressure on existing water infrastructure. Collecting rainwater and allowing it to percolate into the ground helps recharge groundwater aquifers. This is crucial for maintaining water levels in wells and sustaining the health of ecosystems that depend on groundwater.

BOREWELL

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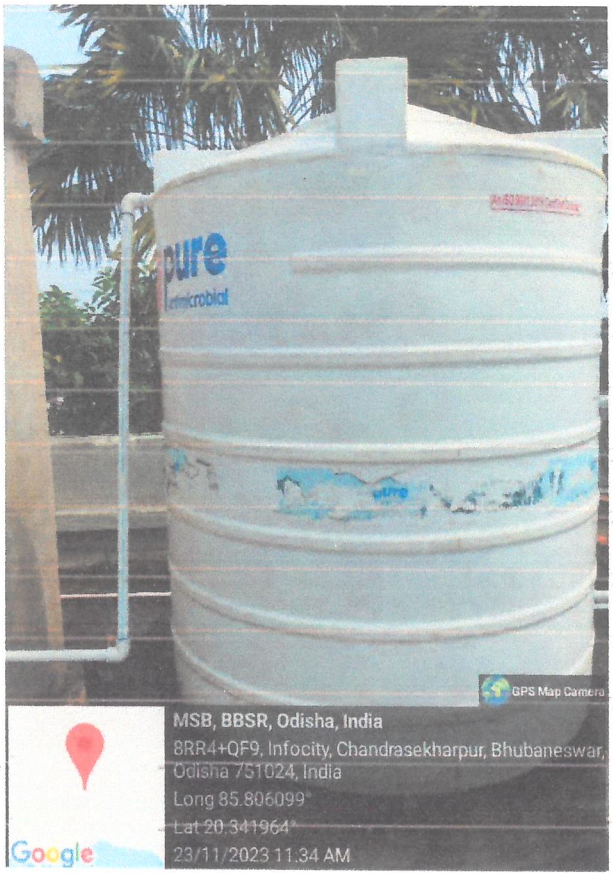

RO PLANT

MAINTENANCE OF WATER BODIES

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RAIN WATER HARVESTING

5. GREEN CAMPUS INITIATIVES

A Green Campus Initiative refers to a comprehensive and integrated approach taken by educational institutions to promote sustainability, environmental responsibility, and eco-friendly practices within their campus community. This initiative often involves adopting sustainable practices in various aspects of campus life, including energy consumption, waste management, transportation, landscaping, and curriculum development. In our college we are following different policies for maintaining the campus as lush green and clean.

A) Restricted entry of automobiles

B) Pedestrians friendly pathways

C) Landscaping with trees and plants

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PARKING FACILITY

PEDESTRIAN FRIENDLY PATHWAYS

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6. ACCESSIBILITY FEATURES FOR PERSONS WITH DISABILITIES:

The institution is committed to fostering inclusivity and accessibility for persons with disabilities through the implementation of assistive technology and facilities. These include:

A) Accessible Website:

The institution ensures its website is designed to be accessible, accommodating the needs of individuals with disabilities.

B) Screen Reading Software:

Screen reading software is provided to assist individuals with visual impairments in navigating digital content effectively.

C) Inquiry and Information Provision:

The institution strives to make information accessible to all, considering diverse needs. The provisions include:

D) Human Assistance:

Trained personnel are available to provide human assistance, catering to the specific needs of individuals with disabilities.

E) Reader and Scribe Services:

Reader and scribe services are offered to support individuals who may require assistance with reading or writing during academic activities.

E) Soft Copies of Reading Material:

Soft copies of reading materials are made available, promoting flexibility in accessing information digitally.

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LANDSCAPING WITH TREES AND PLANTS

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DISABLE FRIENDLY TOILETS

WHEEL CHAIR FACILITY

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