



7.1.2 Institutional Facilities for Alternate Sources of Energy & Energy Conservation Measures

7.1.2 B: Holistic Energy Conservation Measures at Our Institution

In our commitment to sustainable practices, our institution has implemented a range of energy conservation measures beyond the use of alternate energy sources. These initiatives focus on optimizing natural resources and minimizing energy consumption, contributing to a more eco-friendly campus.

1. Well-Ventilated Classrooms:

1.1 Natural Ventilation: Our classrooms are designed with ample windows to ensure natural ventilation, reducing the need for artificial cooling and enhancing air circulation.

1.2 Daylight Utilization: Ample windows allow natural light to illuminate the classrooms, reducing the dependence on artificial lighting during daytime hours.





2. Rooftop Utilization:

2.1 Library Reading Room: Transparent sheets cover the rooftop of our library reading room, allowing sunlight to illuminate the space naturally, reducing the need for electric lighting.

2.2 Examination Department Gallery: Similar to the reading room, transparent sheets cover the examination gallery rooftop, harnessing sunlight for illumination.

Library Reading Room Rooftop



Examination Centre Gallery Rooftop for natural illumination during Daytime



3. Open-Air Gyms:

All four gyms of our institution are strategically placed in open areas to take advantage of natural ventilation and lighting. This design eliminates the need for excessive energy consumption that would have been required in an enclosed gym space.

1. In front of Library



2. In front of the Administrative Block

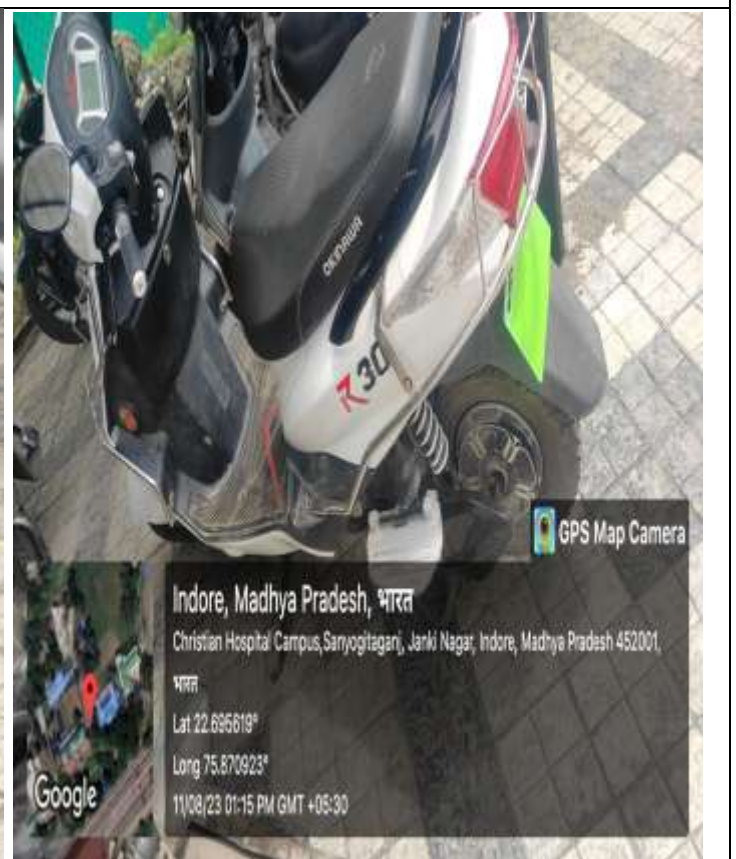


3. In front of Boys Hostel



4. Promoting Green Transportation:

4.1 Pool Vehicles/Green Vehicles: Staff and students are encouraged to utilize pool vehicles, reducing individual vehicle usage and minimizing fuel consumption. Some of the staff and students use electric vehicles for commuting.



4.2 i-Bus Usage: The i-bus, which also used green energy is conveniently stopping just meters away from the college gate, promotes energy-efficient transportation for the campus community.



5. Positive Impact:

Reduced Energy Consumption: These measures collectively result in decreased energy consumption for lighting, cooling, and ventilation, contributing to cost savings and environmental preservation.

Enhanced Well-Being: Well-ventilated spaces and abundant natural light in classrooms contribute to a healthier and more conducive learning environment for students and faculty.

Model for Sustainability: Our institution's energy-efficient designs and practices serve as a model for sustainable campus planning, inspiring others to adopt similar measures.

Community Engagement: The promotion of green transportation options fosters a sense of community involvement and responsibility toward reducing carbon emissions.

Thus, beyond alternate energy sources, our institution's energy conservation measures encompass thoughtful architectural choices, rooftop utilization, and a focus on green transportation. These initiatives showcase our commitment to creating an energy-efficient and environmentally conscious campus for the benefit of our entire community.
