




GOVT. DEGREE COLLEGE KODUR(RS), Annamayya Dt.

Affiliated to Yogi Vemana University, Re-accredited by NAAC with 'B' Grade

7.1.2 : The institutional energy conservation initiatives are the following:

S.No	Content
1	Policy documents of the institution.
2	Geo tagged photographs and videos of the facilities with caption.


PRINCIPAL
Govt. Degree College
Koduru (RS) Annamayya Dist.

1. Policy documents of the institution.

1. Energy Conservation Policy

Introduction: To promote students' environmental awareness, interlinked development and solutions, Govt. Degree College, Kodur has adopted an energy conservation policy for an "Environment of Academic Excellence". The organization's mission is to reduce energy use, ensure acceptable indoor air quality, and improve energy efficiency on campus through practices that are safe, secure, and compatible with an environmentally conscious campus community. As outlined in this policy, energy conservation is achieved by developing a proactive and progressive approach to providing energy efficient, responsible and cost-effective operations on campus.

Concerned to Faculty, Staff and Students.

Energy Conservation Techniques:

Govt. Degree College, Kodur has formulated a plan to save energy at institution level. Thus the organization has adopted a mechanism to harness renewable energy and install 10 KWH solar power channels. This ensures that renewable energy is used to meet electricity needs to a significant extent, thereby subscribing to environmental sustainability. As part of our energy conservation practices the institution replaced most of the tube lights with LED tubes, LED bulbs being the most energy efficient lighting option. LED tubes use 75% less electricity than incandescent tubes (Energy Star). LED tubes last 25 times longer than traditional incandescent tubes.

Simple things that students and staff can do really effectively to reduce power consumption, such as turning off lights, appliances and electronics when they're not in use for students and Staff Fuel conservation practices and environmentally friendly habits are encouraged by being warned.

Energy Conservation Policy Raising awareness of energy conservation: sustainability efforts, energy savings and greenhouse gas inventory metrics are all relevant to the college and more

importantly our students high preferred. When engaging in a master energy plan or energy savings renovation project, there is an excellent opportunity to build student support around campus sustainability. Because energy improvements are largely invisible, raising awareness of these projects can have real benefits, including encouraging desired behavior on how campus buildings can and should be used to contribute to the college's carbon footprint reduction goals. Rising utility rates are generally a fact of life. Inflation because of, the cost of electricity, gas and water increases by a few percentage points every year. Either at once or over time, utility rate increases can wreak havoc on college-related operating budgets.

Energy saving tips to follow:

1. Activate power management features on the computer and monitor so that it goes into a low-power “sleep” mode when students and staff are not working on it.
2. Turn off the monitor when students and staff leave the table.
3. Activate power management features on laser printers.
4. Whenever possible, shut down rather than log off.
5. Unnecessary The Lights Turn off and instead Daylight use
6. Avoid the use of decorative lighting.
7. Use LED or compact fluorescent bulbs.
8. Conference Hall, classrooms, seminar Hall Turn off lights when not in use.
9. Use fans only when necessary.
10. Unplug appliances not plugged into power strips (TVs, refrigerators, ACs, tea/coffee pots, printers and chargers etc.)

2. Management of the various types of degradable and non-degradable waste

Policy Objectives

To ensure that waste management is performed in accordance with all waste legislative requirements, including the duty of care, and to plan for future legislative changes and to mitigate their effects.

To minimize waste generation at source and facilitate repair, reuse and recycling over the disposal of wastes in a cost effective manner.

To provide clearly defined roles and responsibilities to identify and coordinate each activity of the waste management.

To promote environmental awareness in order to increase and encourage waste minimization, reuse and recycling.

To invest into the expansion of recycling opportunities in campus and transform waste into value added products.

Organization and Management

The responsibilities and organizational arrangements for this Waste Management Policy lie with a committee to look on Solid Waste Management, Liquid Waste Management, e- waste Management and Hazardous Chemical Waste Management

3. Water conservation

Water Conservation Policy

1. The Water Conservation policy aims to encourage all the students and staff of the college to understand the realistic importance of water conservation as well as increase the water conservation in college through methods that are consistent with a safe and secure environment.
2. A network of rain harvesting systems ensures continuous recharging of groundwater. The rain water harvesting wells are already constructed and maintained in the institute and the water used plants and garden in the campus.
3. There is a high focus on conservation of natural resources. Taps used in washbasins, toilets / urinals to reduce usage of water as per requirement and ensure its usage when needed.
4. This policy is applicable to all activities and services of the campus for all employees and students of the college.
5. Water conservation Water conservation has become the need of the day. To sustain the ground water availability, the institution has adopted a rain water harvesting system. Rainwater harvesting is a way to capture the rainwater at the time of downpour, store that water above the ground or charge the underground water and use it later.
6. Gardens are watered using the sprinkler system to save water.
7. The college ensures that the water wastage is minimized through regular check and corrective measures taken on leaky taps and pipes overflow from Syntex tanks etc.

4.Green Campus Initiatives

Objectives:

- Continuously improve the efficiency and effectiveness in use of all resources, including energy and water, and to reduce consumption in the amount of waste produced, recovering and recycling waste where possible.
- Make the campus plastic free.
- Conduct Environmental and Energy audits from time to time.
- Minimize the use of paper in administration by following the policy for E-governance.
- Protect and conserve ecological systems and resources within the campus.

Clean Campus Initiatives Institute had pledged to actively coordinate cleanliness activities in accordance with the vision of Swatch Bharat Abhiyaan.

Staff Members and students will be encouraged to participate in the cleanliness drive in the college campus.

Rallies will be conducted to create mass awareness.

Remove all kinds of waste material like broken furniture, unusable equipment etc.

Pledge taking by students and staff members to maintain cleanliness of the college campus and its surrounding areas on an annual basis.

Commit to managing waste and maintaining a clean campus especially during college events.

Campus landscape, like its buildings, can be seen as the physical embodiment of a college's values. It plays a vital part of the life of a campus, providing space to study, play, outdoor events, relaxation and aesthetic appreciation.

Green campus landscapes also manage runoff, clean and cool the air on campus. As campus landscapes are so visible and accessible, landscaping initiatives are the great way to build awareness around the environment. The landscape of trees and plants provides the students and staff with clean and cool air to have a soothing environment.

Infrastructural Initiatives Energy conservation: The various energy conservation measures adopted in the campus, from time to time, includes replacement of all the CRT monitors by LCD monitors in each and every department laboratory, retrofitting standard fluorescent lamps and CFL lamps with LED lighting.

College has a maximum number of LED bulbs and tubes for all its lighting needs inside the campus to conserve energy.

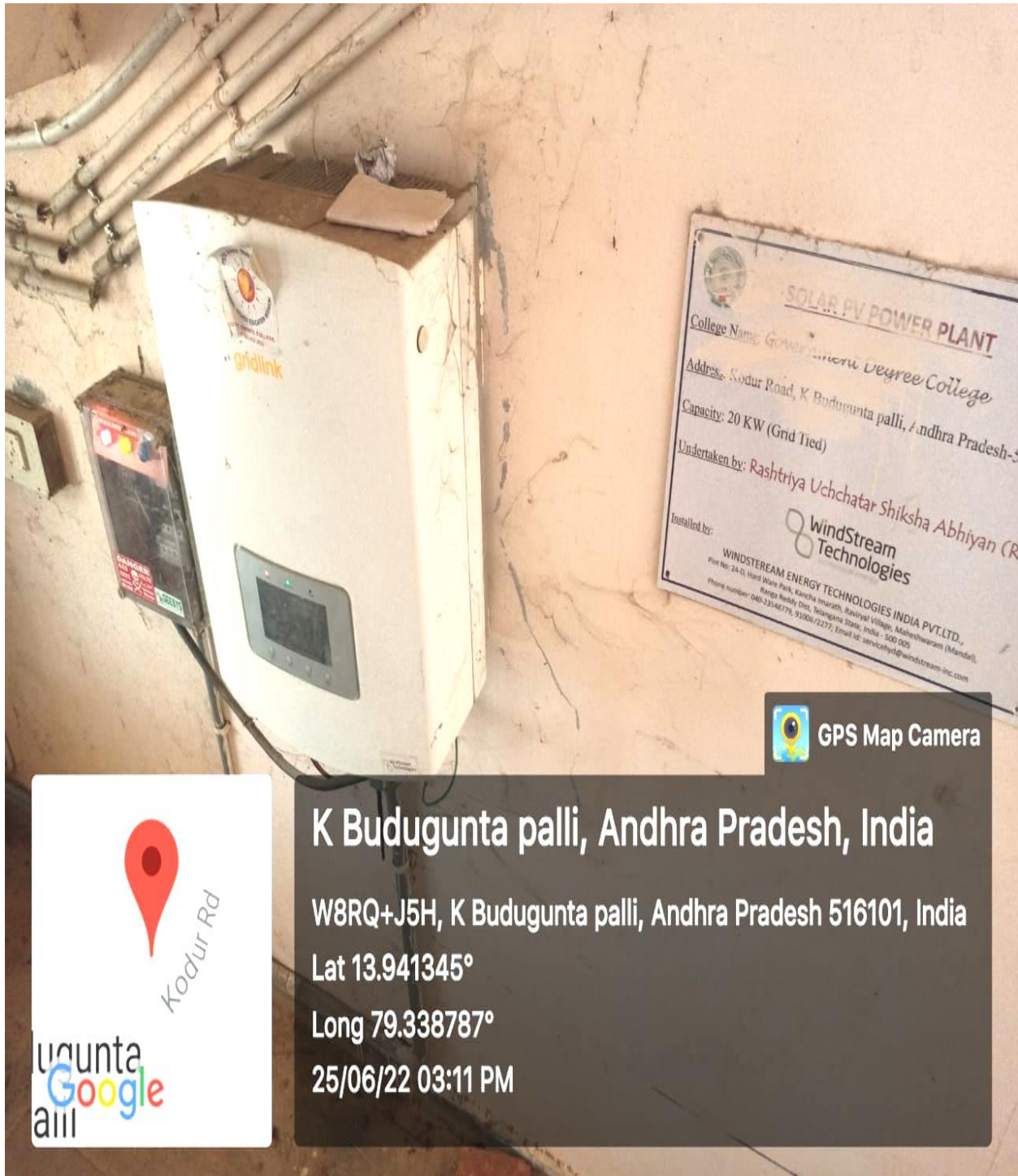
Energy Saving and Energy Efficient Equipment The following tips are implemented to save Electrical Energy

1. Activate power management features on computer and monitor so that it will go into a low power “sleep” mode when you are not working on it.
2. Turn off the monitor when not in use.
3. Activate power management features on laser printers.
4. Whenever possible, shut down rather than logging off.
5. Turn off unnecessary lights and use daylight instead.
6. Avoid the use of decorative lighting.
7. Keep lights off in auditorium, conference rooms, classrooms, lecture halls when they are not in use.
8. Use the fans only when they are needed.

The College through NSS, and other clubs conducts sensitization programs on the harmful impact of single-use plastics and mandates all the students to avoid bringing non-bio-degradable plastic items to the institution, which include plastic bags, cups, plates, small drinking water bottles, straws and sachets.

These strategies are incorporated into the institutional planning and budgeting processes with the aim of developing a clean and green campus.

2. Geo Tagged Photographs and Videos of the Facilities with Captions





 GPS Map Camera

K Budugunta palli, Andhra Pradesh, India

Government Degree College, Kodur Rd, K Budugunta palli,
Andhra Pradesh 516101, India

Lat 13.941386°

Long 79.337859°

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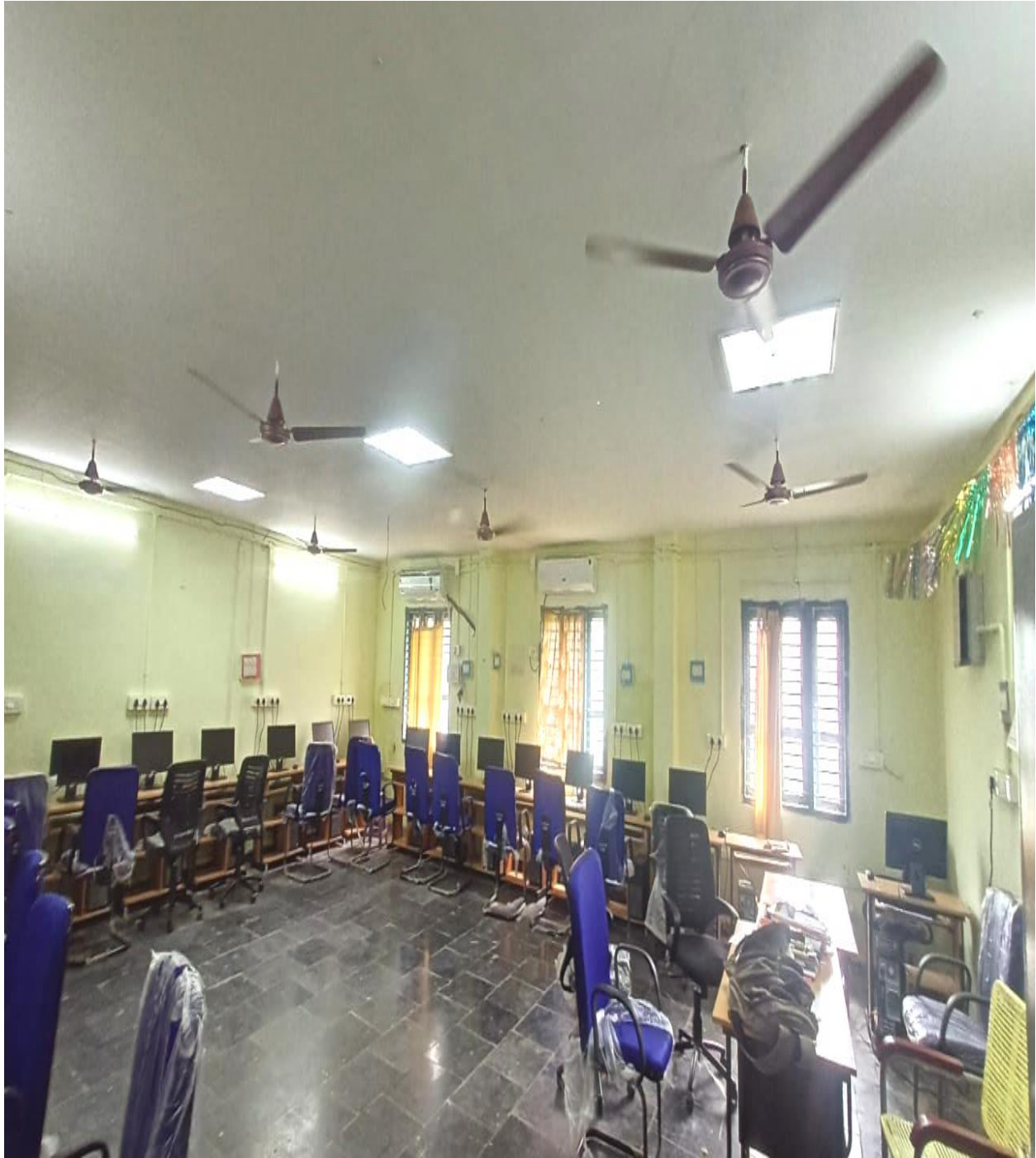

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