

7.1.1. : Institution has a stated energy policy streamlining ways of energy conservation, use of alternate sources of energy for meeting its power requirements.

BLDEA's JSS College of Education, Vijayapur, has implemented a comprehensive energy policy that emphasizes conservation, sustainability, and the use of renewable energy to meet its power requirements. The institution is committed to reducing its ecological footprint and ensuring environmentally responsible practices, aligning with the core values of NAAC.

Initiatives for Energy Conservation and Renewable Energy

1. Switching to LED Lighting Fixtures

Adoption of LED Lights: The institution has replaced traditional lighting with energy-efficient LED fixtures in classrooms, corridors, and other campus areas.

Benefits:

Reduced electricity costs due to the lower energy consumption of LED lights. Enhanced safety and security on campus through brighter and more reliable illumination. Longer lifespan of LED fixtures, minimizing maintenance and reducing electronic waste generation.

2. Harnessing Solar Energy through Rooftop Solar Panels

Installation of Solar Panels: Rooftop solar panels have been installed to generate clean, renewable energy.

Impact:

Reduced dependency on fossil fuels for power, contributing to lower greenhouse gas emissions. Conservation of water resources that are typically consumed in conventional thermal power generation. Significant reduction in the campus's carbon footprint, promoting a sustainable environment.

Sustainability Aspect:

At the end of their lifecycle, solar panels are recyclable, ensuring the minimization of electronic waste and alignment with waste management policies.

Outcomes and Impact

Environmental Benefits: The integration of renewable energy and energy-efficient lighting demonstrates the institution's proactive approach to addressing climate change and resource conservation.

Cost-Effectiveness: Reduced operational costs from lower electricity consumption and maintenance contribute to efficient resource management.

Educational Value: These initiatives promote awareness among students and staff about the importance of sustainability and environmental stewardship.

Commitment to Sustainability

BLDEA's JSS College of Education continues to strive for innovative and sustainable energy practices. The institution's energy policy reflects its dedication to creating a greener future, serving as a model for other educational institutions to adopt environmentally conscious strategies.

Conclusion

The measures taken by BLDEA's JSS College of Education to streamline energy conservation and adopt renewable energy practices align with NAAC's emphasis on sustainability and responsible energy usage. As the institution is installed with Solar PV Panels for alternate energy reduces our electricity cost and consumption approximately 10-15% and this has been showcased in Income Expenditure Statement. These initiatives underscore the institution's commitment to reducing its environmental impact while fostering a culture of eco-consciousness within its community.

Obtained Score=3

Excepted Score=4

SL.NO	Particulars	Links
01	Energy Policy document	VIEW VIEW
02	Income expenditure related to solar energy, electricity repair and maintenance.	VIEW VIEW VIEW VIEW
03	Solar energy system panels	VIEW VIEW
04	Save electricity boards in college	VIEW
05	LED bulbs in classrooms	VIEW
06	Generator facilities	VIEW