

LADY BRABOURNE COLLEGE

BEST PRACTICE I

Best Practice:1 Solar Power Project Implementation in Collaboration with WBREDA is a Green energy Initiative of the College

The Objectives: The changing lifestyle with rapid industrialization has made electricity an indispensable and essential commodity over the years. During the last few decades, increasing prices of electricity with increasing demand and decreasing fossil fuel reserves have raised many concerns for policy makers, investors, and customers. To alleviate the concern, policy makers across the world have been looking for some sustainable and feasible alternative input energy sources for electricity generation. They found many options like nuclear, wind, solar, hydro, biomass, tidal, geothermal, and so forth. However, literature supports solar energy as it is the most ready and green option available across the world.

The solar energy received by the earth is more than 15,000 times the world's commercial energy consumption and over 100 times the world's known coal, gas and oil reserves. And this energy is readily available during the day for anyone to tap and that too free and without any constraint.

The Context: Lady Brabourne College has taken up a project to make a humble beginning in utilizing nature's gift of solar energy in meeting ever increasing demand of electricity to some extent. The advantages of solar power are as follows:

- Renewable energy source
- Reduces Electricity bills
- Diverse applications
- Low maintenance cost
- Technology Development
- Energy production during peak hours
- Applicable everywhere
- Improves grid security

The Practice:

Under this project, in October, 2018, we have installed a Grid Connected Rooftop Solar Photovoltaic system (GRTSPV) having capacity 17.5 kWp using the fund received under CPE phase II scheme. This project has been implemented in our college under the active supervision of Department of Physics. The Grid Connected Rooftop Solar Photovoltaic System with capacity 17.5 kWp has been connected to an existing electricity line having maximum power consumption in our college.

The Impact:

The system is running successfully for the last ten months and the electricity bill for that particular meter has been reduced significantly compared to that of the corresponding time period in the previous year. In this context it may also be pointed out that so far our Renewable Energy Source i.e. Solar Photovoltaic system has met 6% of the total power requirement of our college.

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BEST PRACTICE II**Best Practice: 2 Principal's Welfare Fund**

The Objectives: Lady Brabourne college has created a Principal's Welfare Fund with the objective of making financial assistance available for meeting the welfare needs of students in need, such as emergent medical assistance, purchase of books and study material and any other comparable needs of students.

The Context:

In order to support the less privileged section of the students of the institution, a Principal's Welfare Fund was created in September 2012. The College has a functioning Principal's Welfare Fund that provides financial assistance to the differently abled and needy or deserving students to help pursue their studies in the College. Objectives of the fund are- to render financial aid to the poor students to meet their expenses towards tuition fees, purchase of books etc., provided their need is genuine in the opinion of the college authorities.

The Practice:

In the Principal's Welfare Fund all teaching staff voluntarily contribute every month and constitute this fund to assist students to apply for financial aid. So far 20 students have been provided financial assistance for payment of tuition fees, hostel fees, medical expenses and participation in educational excursions. Amounts ranging from Rs 2250/- to Rs 150000/- have been disbursed from this fund, depending upon the requirement of the individual applicant, gravity of the crisis and their economic condition.

The Impact:

The services provided by the Principal's Welfare Fund in this institution of higher learning, is a fundamental requirement that has to be met in an effort to enhance and maintain students' physical, social, intellectual acuity and subsequently create an environment that encourages high academic performance.

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