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LALIT CHANDRA BHARALI COLLEGE

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ANNUAL QUALITY ASSURANCE REPORT
(SESSION : 2021-22)

(Criterion 7.2 Best Practice 1)

1. Title of the Practice: Solar energy efficient Institution.

2. Objective:

- i) To get uninterrupted power supply.
- ii) To reduce electricity bill.

3. Context:

As there is regular power cut in the College specially during dry season, it used to create huge problem for the ongoing practical classes in the department of Computer Science and Electronics.

From this session, the solar panels already installed in our College are connected to the office and the C Block of the College, which helped to address the problem to some extent.

4. The Practice:

Office of the Principal and all the class rooms of Block B and C of the institution are being run on solar energy to get an uninterrupted power supply.

5. Evidence of Success:

Connection of power generated by Solar panels to the different classrooms and office of the Institution addressed the problem of interrupted power supply to a great extent. This helped in reducing Electricity bill as well as smooth running of the classes and office.

6. Problems Encountered and Resources Required

More solar panels are required to fulfil the need of the institution. Moreover, more resources will be needed in the long run to maintain the batteries of the panels.

Best Practice 2

1. Title of the Practice: Rain water harvesting.

2. Objective:

- i) To reduce water scarcity in the College campus.
- ii) To meet the increasing demand of water during dry season in the college campus.

3. Context:

The rain water harvesting system is one of the best methods to support the conservation of water. In the vicinity of the College, there is no public water supply scheme. Again the water table of the area is so low that it is not possible to get enough water as per demand.

4. The Practice:

To deal with this problem of water scarcity in the College campus, the rain water falling on the roof top of the college building is directed to the rain water harvesting tanks placed in College Hostel as well as the tanks near the entrance gate of the college. This water is treated with Traditional coal and sand filter and is made ready for use.

5. Evidence of Success

There is reduction of recurring expenses of bill of water for the Hostel, specially during monsoon season.

6. Problems Encountered and Resources Required

Problem occurs during winter season when there is less rain or no rain at all. Bigger sized reservoir is required to accumulate enough water for winter season requirement.

