Veer Bala Kali Bai Government Girls College Dungarpur (Rajasthan) AISHE Id C-39914

7.2.1- Best Practices in the College 2022-23

Best Practice-1

1. Title of the Practice – Use of Solar Power

2. Objectives of the Practice – To use renewable energy and help in achieving Sustainable Development Goals

3. The Context – Frequent Power cuts in this region

4. The Practice – In 2012, the institute took a significant step towards sustainable and ecofriendly energy usage by installing a 2-kilowatt-hour (KWh) off-grid solar power plant on the college building. This installation marked a proactive move towards reducing the institute's dependence on conventional grid-based electricity and embracing renewable energy sources.

Since its installation in 2012, this solar power plant has been continuously providing electricity to the office of the college. This signifies its reliability and longevity, as it has successfully met the institute's energy needs for an extended period without any major issues or interruptions. The institution is now planning to install grid tied solar plant of around 20KWh.

5. Evidence of Success – There was no power cuts in the office and that improved the efficiency of the office. The working condition of the solar plant that was installed in 2012 shows the longevity of the system and its resourcefulness in the institution as renewable energy source.

6. Problems encountered and Resources required – The main issue that we faced is the technical problem with the ground station of the plant. Being located in a remote tribal region, there are very few local technicians available, therefore we have to wait for longer to get the plant working. The batteries also require regular maintenance. The institution regularly requires budget for maintenance of such facilities.

7. Notes –

8. About the institution -

i. Name of the institution: Veer Bala Kali Bai Government Girls College, Dungarpur

- ii. Year of Accreditation: 2015
- iii. Address: behind New Sabji Mandi, Dungarpur
- iv. Grade awarded by NAAC C

v. Email: <u>principal-vkb@gov.in</u>, <u>vkbcollegedpr@gmail.com</u>

vi. Contact Person for further details: Dr. P. L. Katara, Principal

vii. Website: https://hte.rajasthan.gov.in/college/ggcdungarpur



Best Practice-2

1. Title of the Practice – Green Campus Initiative

2. Objectives of the practice – To improve the campus into a Green Campus with plenty of gardens, plants and sports grounds.

3. The Context – The climate in this area typically features high temperatures, which become even more intense during summer exams. This hot and arid weather conditions can make waiting for examinations outside the campus quite uncomfortable for students. Hence, beautifying the entire campus with gardens and trees could significantly enhance the study environment, providing a more pleasant and conducive space for learning.

4. The Practice – The institution consistently engages NSS volunteers to maintain the campus. With the support of the RUSA grant, the campus is actively cultivating lush green areas. There's a strong emphasis on preserving biodiversity during the planting process, with a focus on introducing fruit-bearing and medicinal trees. Additionally, efforts are underway to plant trees that offer ample shade across the campus.

5. Evidence of Success – The Green Campus initiative has actively involved both students and staff in the institute, fostering a strong commitment to sustainability. It has effectively raised awareness about recycling practices, leading to a heightened environmental consciousness among students. Moreover, this initiative has played a pivotal role in enhancing the visual appeal of the campus.

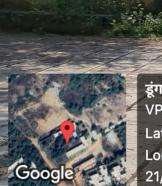
6. Problems encountered and Resources required – The college campus area is undulating in nature having rocky substratum and our plantation drive every year turn futile after intense summer. To overcome this problem the institution took the help of NSS volunteers and encouraged them to water the plants regularly. Over a period of two years our campus is now in much greener now. Still a lot has to be done as vast outside rocky region need leveling and plantation. The institution is planning to utilize the funds of RUSA for beautification of the campus by developing gardens and grounds as well as large canopy trees keeping in mind the bio diversity.

7. Notes –

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