

TWO BEST PRACTICES

GDC BEERWAH

2020-21

1. INSTALLATION OF SOLAR POWER PLANT

Goal:

The college administration has decided to install solar power plants for effective teaching learning and administrative processes. The goal of the scheme was to create and provide congenial environment for smooth and effective teaching learning and administrative processes.

Context:

Since our college is located in rural and has less electricity supply than city colleges. The erratic electricity supply was found to be main reason to impede the effective teaching learning and administrative processes. Moreover, erratic power supply was also found to be the main reason for slow pace of laboratory courses in all departments. In this back-drop college administration planned to install solar power plant for improving the effective teaching learning and administrative goals in the institution.

Practice:

The college development committee conducted a detailed analysis for developing and delivering effective teaching learning and administrative process. The analysis revealed several factors responsible for hampering teaching learning and administrative practices. However, the erratic power supply was identified as one of the major factors. Therefore, on the basis of detailed analysis college administration took the initiative and installed the solar power plant in the campus.

Evidence of success:

All the buildings and departments were provided with uninterrupted solar power supply that showed significant positive changes in delivering effective teaching learning and administrative practices. Faculty members and students became more enthusiastic in learning and developed positive attitude toward learning process. The faculty members were able to deliver their theory and laboratory courses effectively and completed their course work on time. Furthermore, the ITC enabled classrooms were made fully functional supply which supplemented the teaching learning.

Problems encountered and Resources: The installation solar power plant in the campus was difficult due to lack of sufficient financial resources. The college administration approached

Planning Section of Higher Education Department with project proposal for allocating financial grant to install the solar power plant. The Higher Education Department was initially reluctant to release the grant, however, due to our continuous efforts and meticulous strategy we were successful in getting the grant for solar power plant.

2. WATER SECURE AND SUSTAINABLE CAMPUS

Goal:

The college administration has decided to make college campus water secure and sustainable. The Beerwah Tehsil of District Budgam has least developed water supply infrastructure and there are off and on protest due to non-availability of water supply. The frequent water shortage in the campus was distressing and upsetting for academic environment. The aim of practice was to provide uninterrupted water supply to the campus.

Context:

GDC Beerwah is located in rural area of District Budgam and the water distribution system is not fully developed yet. The irregular water supply in the campus was found to be disturbing and upsetting for academic environment. The insanitary and unhygienic washrooms and frequent water shortage in the laboratories was stressing academic affairs of the college.

Practice:

The college administration approached Public Health (PHE) Department of District Budgam for providing regular water supply to the college. The PHE department assured uninterrupted water supply after laying new pipe network in the area. However, at the end they could not complete the installation and the process was becoming hectic for college. The College Developing Committee decided to dig bore well in the campus, and harvest the rainwater from rooftops and recharge the ground water by developing significant green cover area in the campus.

Evidence of success: The significant positive changes were witnessed in the academic environment of the college. The continuous supply of water not only enhanced the sanitary and hygienic setting of the college but also created a healthier and congenial academic environment in college without putting extra pressure on public water distribution system.

Problems Encountered and Resources:

The digging of bore well with adequate water output in the college campus with a significant clay lithology which is not considered a good aquifer was a challenging task. The college administration approached groundwater department of the Budgam District and seek their technical and expert opinion. After analyzing the geological map of our area, they recommended a deep (200m) bore well that will give us good water yield. The college administration approached and motivated a private contractor who is local stake holder of the college for digging the bore well in the campus.