

1. Title of the Practices: Installation of renewable source of energy by installing solar power
2. Objective:
 - To implement efficient and effective use of renewable energy
 - To install solar power plant and generate solar
3. The context: Renewable energy solutions are becoming cheaper, more reliable and more efficient every day. Our current reliance on fossil fuels is unsustainable and harmful to the planet, which is why we have to change the way we produce and consume energy. Implementing these new energy solutions as fast as possible is essential to counter climate change, one of the biggest threats to our own survival.
4. The Practices: Amguri College is very much concerned about energy conservation and minimal wastage of the same. Minimal consumption of energy is the saving factor of energy conservation in the campus. The Energy analysis revealed the shortcomings of the energy conservation techniques in the college and also shed light on the wastage of energy. It was decided to reduce the wastage of energy with immediate effect. As a result the college increased the percent of its solar usage and took measures to increase its further if possible.
5. Evidence of Success: Two solar plates have been installed in the college.
6. Problems Encountered and Resources Required: One major problem with solar power is reliability. At best, a solar panel can produce electricity for 12 hours a day, and a panel will only reach peak output for a short period around midday. Tracking panels that follow the sun can extend this prime generation period somewhat, but it still means that panels spend very little of the day producing at maximum capacity. And in the rainy day, the backup period is very short.
7. Note: