Annexure 2

Best Practices I

Effective implementation and managing Biometric system for students

The Contest

Course teachers maintained students' attendance throughout the semester before they submit to the Office of the Vice-Principal. Faculty as well as parents had no way to track the presence of students in the college and/or in the hostels. E-watch and e-link facility helps to maintain the attendance and authenticity of students in the college.

The Objectives

- To enable parents to track wards' weekly attendance
- To make the attendance marking system transparent to students
- To enable parents to have E-record of presence of their ward in the college as well as in the hostel
- To restrict the trespass

The Practice

Every day when students enter into the college they make biometric record their entry. It is linked with the College Data Centre where information is uploaded to the webpage and validated with class attendance. Similarly the entry of the students to hostel is also keep tracked using biometric system at the hostels.

Obstacles faced if any and strategies adopted to overcome them

Unexpected leave availed by course teachers, on duty leave, substitution classes, or representing the college in sports and culturals pose problems in maintaining the up-to-date information online basis periodically.

Impact of Practice

Students' attendance has improved. Parents have a direct access to their wards' attendance in the college and/or hostels. Helps to limits the trespass as well as maintain the discipline in the college.

Resources required

- Biometric Systems
- ICT-trained manpower

Best Practices II

Construction of Solar panel to effectively use green energy and it will meet increased demand

The Contest

Increasing infrastructure demands more electrical energy and increased use of conventional electrical energy pose environmental degradation in the campus. Trapping of electricity from solar light is environmental friendly and reduce the burden of state government.

The Objectives

- To enable to provide green energy in the campus
- Helps to meet the energy demand of the campus
- To enable the students to have awareness about solar energy
- To provide technical field to do projects in field of solar energy generation and distribution

The Practice

Solar panels are installed in the terrace of the buildings in the campus. Distribution systems are also installed to optimize usage of solar electricity in the campus. Solar powered street lights are also installed at many places in the campus.

Obstacles faced if any and strategies adopted to overcome them

Unexpected tropical nature of climatic conditions leads to disruption of solar power as a result again dependent on conventional power on these days.

Impact of Practice

Reduce the environmental degradation and help to get green energy.

Resources required

- Solar panels
- Accessories and distribution systems