

Best Practices 2018-19

1. Title of the practice:

- a) Maintaining Pollution free environment within the campus.
- b) Research Based Pedagogy Tool

2. Goal:

a) Maintaining Pollution free environment within the campus: To make the campus eco friendly and pollution free enormous initiative taken by student, staff and NSS unit of the college.

b) Research Based Pedagogical Tools : Inculcation of research based Science Pedagogy Teaching for under graduate science teachers of the College and sister institutes.

3. The context:

a) Maintaining Pollution free environment within the campus: To reduce the pollution, institute take action against the plastic items within the campus.

b) Research Based Pedagogical Tools : Conventional class room teaching learning method being replaced by this newly conceptualized research based methods. Inculcating the same methods adopted by Sheffield Hallam University, UK and IISER-Pune.

4. The practice:

a) Maintaining Pollution free environment within the campus:

College has taken the initiative to minimize the use of plastics and reduce plastic pollution in the campus, replacement of traditional bulbs and tube lights in class rooms and offices by LED bulbs. Class rooms have been made light conscious.

Constrains and limitations: Financial recourses to replace conversional energy by way of green energy.

b) Research Based Pedagogical Tools: Organized three day workshop for under graduate teachers in collaboration with IISER – Pune and making follow up with the trainees for improvement of quality teaching learning process.

Constrains and limitations: Financial recourses and man power/ man hour for intensive dissemination of the above stated teaching methodology.

5. Evidences of success:

- a. Reduction of about Eight percent of total energy requirement than the previous state.
- b. A total of 48 science teachers of Dinhata College and other sister colleges of the state have been trained on RBPT.

6. Resources required:

- a. Financial resources.
- b. Manpower
- c. Infrastructure.