

Best Practices Followed by MITAoE Summary

7.2 Best Practices

1. Best Practice No 01: (A) Blended Teaching – Learning

2. Objectives of the Practice:

The concept and primary objective of this practice was to implement more out-of-classroom interactive sessions for teaching learning and evaluation process.

3. The Context

The challenges faced were identification of allied infrastructure, ICT tools and the training of various tools to faculty. Several ICT tools were examined and the best and user friendly tools were introduced in the process.

4. The Practice

MITAOE has several licensed dashboards of GoToWebinar platform. The institute celebrated the first digital day in April 2019 through this platform. Due the effective and rigorous use of GoToWebinar & MS-Teams, the institute was well prepared for the conducting online sessions during the pandemic conditions. Institute also uses MOODLE one of the widely used LMS and EPR like IonKudos which empowers institution stakeholders

5. Evidence of Success

Due to Blended Teaching-Learning process adopted since 2016-17, there was no disruption even during the pandemic situations. Attendance of the students increased. The assessment and evaluation methods became more effective and transparent. No loss in the teaching hours and topic taught, as all the live session were recorded and made available to the student via cloud. This resulted into the encouraging Students' feedback.

6. Problems Encountered and Resources Required.

Institute faced Internet bandwidth and related infrastructure problem initially. These problems were overcome by increasing the Internet bandwidth to 500 Mbps and augmenting infrastructure with server backup & computer peripherals. Faculty were given trainings related to ICT tools and E-content development.

1. Best Practice No 02: (B) GREEN Campus

2. Objectives of the Practice:

The objective of the institute is to build the green and eco-friendly campus which will provide a good ambience.

3. The Context

MITAOE believe that energy saved is energy produced and a zero discharge campus is a societal responsibility. The attempt is to be self-sufficient in major power requirement and to reduce / recycle material is a primary agenda.

4. The Practice

- Installation of solar panels on terraces of almost all buildings on campus.
- Step towards paper-less internal and external transactions:
- Recycling of waste / used paper:
- Use of power-efficient equipment like led screens and tube lights:
- Several Tree plantation drive were undertaken.
- Eco friendly Ganesh Idol workshop were conducted

5. Evidence of Success

Since installation of 435 kWp Solar Photovoltaic i.e. Oct 2016, the institute is contributing towards the concept of eco-friendly campus by reducing the CO₂ emission. Electricity Generation from Solar Photovoltaic is 5,25,530 units in FY 2019-20 i.e. 82% of the College energy demand came from Solar system and 18% of from Electricity Grid. CO₂ emissions reduced is 525.53 Tons per year from our campus.

6. Problems Encountered and Resources Required.

Difficulties faced during the implementation of Eco-friendly campus was to build the mentality regarding the concept of eco-friendly and paperless campus among the student, staff and faculty and a few technical difficulties in the setup of the Solar panels for electricity generation.