

Best Practices for AY2020-2021

1. E-learning

2. Objectives of the Practice

- a. Improve the existing e-learning practices, especially in the wake of the pandemic
- b. Develop a strong teaching learning system that can be carried forward in the online mode

3. The Context

The institute had introduced tablets and teaching learning process enabled through tablets much before the onset of the pandemic. The pandemic necessitated the shift towards e-learning much more.

4. The Practice

Learning through platforms like SWAYAM and NPTEL are popular in India. The pandemic forced institutes to think of ways and means of sustaining the teaching learning practice. E-learning system development was considered on priority. Exposure and training to stakeholders and technical challenges were major constraints that had to be overcome.

5. Evidence of Success

With the implementation of the e-learning system, institute targeted conducting online classes for all the courses. Targets with respect to the content were specified and were fairly achieved in all the theory courses. Challenges in practical courses are being overcome.

6. Problems Encountered and Resources Required

Usage of tools for e-learning by faculty members and usage of platform by students when this initiative started was a challenge. This was overcome by training programs and orientation sessions.

1. Webinars

2. Objectives of the Practice

- a. Continue to provide exposure to students and faculty members in emerging areas
- b. Engage with alumni and industry experts continuously

3. The Context

Pandemic brought about many changes in the ways systems operate. The institute is known for engaging with industry strongly through guest lectures and seminars. These were converted into webinars.

4. The Practice

Industry experts and alumni were invited to deliver sessions on selected themes in webinars. Webinars were organized by departments, group of departments and institute. The webinar was made open to all the students and faculty members. Experts even though located in far off locations interacted with students and faculty.

5. Evidence of Success

Many webinars have been organized with active participation of students and faculty members. The webinars have continued to witness interactions between the experts, students and faculty members. Lot of useful information on emerging areas have been shared in these webinars.

6. Problems Encountered and Resources Required

Scheduling of the webinars to the convenience of experts was found to be challenging. Experts availability was given priority over the time of students and faculty members and sessions scheduled.