

Best Practices #1 (2021-22)

1. Title of the Practice

Implementation of Learning Management System (LMS)

2. Objectives of the Practice

To facilitate **blended learning** and to inculcate **Self-learning**; to initiate **Open Distance Learning** in line with NEP 2020 in future

3. The Context

Having experienced the uncertainties on the availability of internet facility in the rural regions from where the students hail, the necessity of **digitization of learning resources** is understood and implemented

4. The Practice

LMS is maintained in a structured way for every course where the course instructor(s) and students have access. The **recorded video lectures by the course instructors are uploaded in LMS and are available for the students to learn in their own pace and time.**

5. Evidence of Success

- Improved academic performance with wide usage
- Enabling slow learners to cope up with advanced learners
- Uncertainty in availability of internet connectivity in remote areas rectified through digitization
- Ease of conduct of some assessments

6. Problems Encountered and Resources Required

- Transition of faculty from brick & mortar classroom model to digital environment
- Preparation of video lectures for analytical courses involving much of mathematical derivations
- Recording facility

7. Notes

The institution is recognized for the efforts made towards the digitization of learning resources by receiving the prestigious **QS-I Gauge Excellence in Academic Digitization Certification** during the academic year 2021-22



Best Practices #2 (2021-22)

1. Title of the Practice

Experiential Learning through Industry Engagement

2. Objectives of the Practice

To enable the students to **experience the application of theoretical concepts** learnt in classroom in real time application in industry

3. The Context

Learning by doing and experience help to strengthen knowledge of theoretical concepts; Though real time application of concepts is told during classroom delivery, engaging themselves in industry application strengthens it

4. The Practice

Appropriate industrial application is chosen and course module is designed and deployed. Students go to industry on every Saturday and spend 8 hours/week on industry projects and thus each student spends nearly 130 hours/semester at industry; this industry training ends with proper assessment conducted by industry and a certification.

5. Evidence of Success

- Hands-on training at industry gives a satisfactory learning and increased confidence level of students (assessed through video assignments)
- Helped to improve the problem-solving skill and critical thinking
- Enabled students to understand the challenges in industrial working environment

6. Problems Encountered and Resources Required

- Mobilizing all the students to industries from the institute
- Provided college transport to overcome the problems being encountered
- Identification of appropriate and suitable industries
- Lengthy timeline for assessment

7. Notes

In the context of higher education, the institute has taken a step ahead to address few courses being mentioned in National Skills Qualifications Framework achieving the desired outcomes as expected. Our trained faculty can support the institution in these areas.

