



Ref. No. :

Date :

BEST PRACTICES: 1

Academic Year 2020-2021

1. Title of the Practice

Digital Teaching Learning

2. Objectives of the Practice

Technology enabled educational procedures for effective use of online platforms and e-resources to support learning and teaching at the best path and pace.

3. The Context

Under the threat of Covid-19 pandemic, the Institute has adapted online platforms quickly and efficiently for teaching-learning to fill the gap created by suspended traditional classroom activities. The institution offers courses online and to instill confidence in students in term of its utility.

4. The Practice

This comprises the application of a wide spectrum of practices including blended and virtual teaching-learning. All faculty members have created digital classrooms through Google Workspace using college domain id and all classes are conducted online. Laboratory experiments are organized using virtual Lab facilities, simulation software and life demonstration. The tools and e-resources used viz. webcam, virtual whiteboard, digital writing pad, digital pen, PPT, online video, video lecture, e-books, e-notes, NPTEL course materials, simulation software, etc.

5. Evidence of Success

All courses in the curriculum for odd and even semester is completed using digital platform. Concerned faculty members provided study materials, assignments in Google Classroom and take MCQ test at regular interval. Students can access videos that provide instruction on a wide variety of topics at various skills levels and participate in real-time video conferences with teachers. Course coverage and performance of the students in the end-semester examinations are highly satisfactory. Students' feedback is also taken online.

6. Problems Encountered and Resources Required

Digital learning is unfavorable for poorly performing students or who receive less structured educational support at home. It is likely to benefit students differently depending on the availability of internet access and speed.



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