

Best Practices in Academic Year 2019-20

1. Uploading of lecture videos on college you tube channel

Goal:

The college has initiated the activity of uploading the lecture videos of the faculty on the college you tube channel. The basic aim for this is to nourish the learning desire of the students at their own place and to add the value in the student's learning experience. The other aim of this method of learning is to make the process more simplified, interactive, accessible, practicable and reflective

Context:

In the view of the pandemic situation it become challenging for the faculty and students to cope up with the needs of Teaching-Learning process. Hence faculty and students of the college have been motivated to upgrade themselves with latest ICT techniques as per the changing needs of the professional education.

Practice:

The faculty of the college have successfully uploaded the lecture videos and video demonstrations on the college you tube channel specifically initiated for the academic purpose continuously. The students are given free access to these video lectures and demonstrations to understand the topics and experiments in the subject.

Evidence of success:

Teaching-Learning has become more ICT oriented and learner centred to enhance the conceptual clarity and reflective thinking.

Problems encountered and resources required:

In order to enhance accessibility of learning the range of wifi connectivity has been improved and made available to all users. The online learning modules have been improvised. The broadband connectivity on the campus has been improved.

2. Experiential learning methods for students

Goal:

Experiential learning is a Aristotelian logic of learning expounded by David Kolb. In fact, this method is exclusively employed in practicals. This method has holistic perspectives which include experience, perception, cognition, collaboration, coordination and cooperation. The other aim of this method of learning is to make the process more interactive, accessible and reflective

Context and Practice:

In this exercise, a group of 3-4 students have been identified and assigned experiment incorporated in the curriculum. The students are given detail inputs about the theory, logic and significance of the experiment. Subsequently student experiment, reflect and conceptualize during the experimentation. One participant of the group elaborates the protocol, requirements. The second participant explains about the working and handling of the equipment, while the third participant elaborates about the reflective ideas and, the fourth participant highlights the conclusion of experiment. All the steps in the experiment are carefully video recorded and used as reference for other students for motivation

Evidence of success:

In fact, this learning method basically encompasses concrete learning, reflective observation, abstract conceptualization and active experimentation. The learners are attracted to new challenge and solve the problem intuitively. This learning process also involves conceiving new ideas, evaluation, analysis, interpretation, generalization and factual conclusion. Learners do apply intuitive skills to achieve and attain desired learning objectives. By and large, learners develop multidimensional thinking, lateral thinking, critical thinking, analytical ability, and application skills