7.2: Best Practices

7.2.1 Describe two best practices successfully implemented by the Institution as per NAAC format provided in the Manual.

Provide web link to:
•   • Best practices in the Institutional web site
•   • Any other relevant information

Best Practice: Faculty development through upgradation of ICT skills of faculty

1. Title of the Practice: Faculty development through upgradation of ICT skills of faculty

2. Objectives of the Practice

The core objective of this practice is to cope up with the current need of learning considering the COVID-19 pandemic situation. The concept behind this practice is to motivate the faulty to update themselves with the ICT based teaching-learning process considering the ever-changing needs of Teaching-Learning. The faculty of this college have been motivated to upgrade themselves with relevance to the changing needs of the ICT enabled education.

3. The Context

The pedagogy is changing to make the learning more students centered and blended one of the online-offline methods. Therefore, it is imperative for faculty to upgrade and update themselves in the line with the current needs, in order to face newer challenges of ICT based methods for Teaching-Learning.

4. The Practice

The faculty of this college have successfully completed 4-week MOOC course organized by the college on "**Effective Use of ICT Tools in Teaching-Learning"** for the teachers of all over India. The college has taken this initiative of organization of 4 WEEK MOOC FDP Program for faculty. In this unique FDP 1630 teachers across the country participated and over 1400 are active in Telegram group created for the FDP. In this FDP the participants learned how to create e-learning resources using various online free software tools available. They practiced how to create and use digital student response systems like Mentimeter, Plickers and Kahoot. They studied how to create and use online platforms for discussions, quizzes or conducting webinars.

They understood the implementation of modern pedagogical techniques in my classrooms or online teaching. The participants have understood how to select learning management systems based on my requirements. They have studied how to create my own Gnomio Moodle Course for any subject. They have understood that how to enroll the students to the created Gnomio Moodle Course. The participants have studied how to add various activities, resources and blocks like File, Page, URL, Game, Quiz with restriction access & activity completion criteria in Gnomio Moodle Course. They have understood how to award the badges & Certificate to the learners in Gnomio Moodle Course.

5. Evidence of Success

Teaching-Learning has become more ICT oriented and learner centred to enhance the conceptual clarity and reflective thinking. ICT based learning is need of hour considering the present scenario. The participants of the course and the faculty understood the Design learning resources for online learning by including components of online teaching. They have understood the importance of Reflection spot and learning objectives in the ppt presentation and also have understood the value and significance of Learning by Doing activity (LbD) in Learning Dialogue. The participants also have studied how to create the video resources by using PowerPoint, Screencast-O-matic and Videoscribe software's. They have studied and practiced how to create own WordPress website. They have understood how to customize, modify and manage content of own wordpress website.

6. 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.

Best Practice: Implementation of Learning Management System in academics and administration

1. Title of the Practice: Implementation of Learning Management System in academics and administration

2. Objectives of the Practice

The core objective of this practice is to cope up with the current need of learning by designing the modules for Slow learners / Advanced Learners and to create industry-oriented modules based on gap analysis of the subjects. The other objective of the practice is to upgrade teaching learning experience and to ease the day today office tasks related to pay, attendance, fee, notices and other official feedbacks.

3. The Context

The pedagogy is changing to make the learning more students centered and blended one of the online-offline methods. In this context the college has initiated the use of vmedulife LMS in the teaching learning process on daily basis by creating modules in adherence of syllabus or industry-oriented aspects. This software system can store all learning videos, presentations, documents and can use them in a regular class. This system also helps in complete track of student progress of the course. This system supports in examination, to create one-word answer, single choice, multiple choice types of question. The system, LMS stands short for Learning Management System helps to organize the courses (create them, change them, assign them to students, grade them, etc). An LMS is a computer program which helps faculty to create, manage and deliver eLearning courses. Learning Management System is a vast repository where we can store and track information. Anyone with a login and password can access these online training resources whenever and wherever.

4. The Practice

The LMS system adopted by the college helps in the successful implementation of Outcome Based Education, dynamic academic management and office automation (ERP). The System can be used for the Academic planning, Online examination, Online assessment, Result analysis, to maintain the course file, faculty profile, Library management system, training and placement activities, Alumni management, Employee management, Admissions, Online feedback, Online

forms, online grievance redressal, notice board, SMS panel, Inventory management, Fee management, Mentoring etc. Employee Management is a cloud-based system which allows you to automate and digitize manual data entry and saves time and human efforts. Assist in Managing and storing all important data as well as personal details of employees in a secured way. Tracing and recording of the employee data had never been easier. The most innovative, easy to use, and comprehensive SMS service platform. Provide your stakeholders with important updates, notifications, & more by automating internal communication with a unique integrated SMS panel. Collect feedback smartly from your stakeholders like students, employees of the institute, alumni, employers, and parents within a few clicks. Analyze the responses and take the necessary action for overall development. Create and design the various forms as per your requirement. Facility to add public and learner type form. Share the form public links or assign them to students and keep track and record of form responses.

5. Evidence of Success

Teaching-Learning has become more ICT oriented and learner centred to enhance the conceptual clarity and reflective thinking. ICT based learning is need of hour considering the present scenario. The LMS system implemented by the college is a cloud-based learning platform which provides an Academic Management System that helps the students, faculties, and the management. This system helps in keeping a track of anything and everything related to the academic setup. This system provides the online platform access for all stakeholders. This system seems to be more reliable and transparent in the management and in generating the reports.

6. 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.