Best Practices
2018-2019

Best Practice 1

Title of the practice:

The college has implemented viable environment for the use of ICT in teaching-learning process.

Objective of the practice:

With the vision of "Preparing the teachers with the knowledge of ICT and its application in the teaching-learning process", the institution has taken initiatives to provide a viable environment for the teachers and students with different facilities pertaining to achieve ICT enabled classroom. As majority of the teachers were in need of basic training and amenities related to ICT, the institution provided them these opportunities with the following objectives:

- To sensitize the teachers on the importance of ICT in modern teaching-learning process.
- To provide basic training on use of ICT in classroom.
- To provide more ICT enabled classrooms.
- To involve students in peer learning process with the use of ICT tools.

The context:

The concept of ICT is important because the scenario of classroom teaching and learning process is changing. Moreover, the traditional method of teaching sometimes may not be capable of catering the students with best learning opportunities. The teacher must prepare to cope up with different technology for using them in the classroom for making the teaching learning process more interesting.

Evidence of success:

MC College has organized a Faculty Development Program on "Behavioral Remodeling and use of ICT Tools for Classroom Delivery of Teachers" in association IIT Guwahati for the teachers.

Altogether twenty eight teachers participated in the said program and got the opportunity to learn about basic ICT tools to be used in the classroom.

M.C. College is now well equipped with the required ICT enabled classroom for teaching learning process. As a result, most of the college teachers now use ICT tools for the same. This is reflected in the use of Google forms (for various surveys, class tests and many as such), PPTs in the classrooms, Online classes and many as such. The college has also increased the number of ICT enabled classrooms. Many new LCD projectors were installed and new computers were added. Henceforth, the students have also started using ICT enabled tools for learning (seminar presentation in the classrooms, feedbacks in Google forms etc.).

Problems encountered and resource required:

- Insufficient resources and facilities has been the biggest problem in the full-fledged implementation of ICT tools for teaching-learning.

- Administrative interventions from the government for conducting various elections in the college campus have hampered the permanent set-up of ICT classrooms.

Best Practice 2

Title of the practice: Adoption of e-Governance

Objective of the practice:

Generally, participation, transparency and accountability are the main characteristics of good governance. The use of information technology facilitates the stakeholders with improved services, enhances the overall administration process and contributes a lot to the achievement of good governance goals. Therefore, in order to create more transparent, efficient and cost-effective services for its stakeholders, the institution has taken various e-governance initiatives viz. College Admission system, student attendance management system, leave application system etc. The main objectives of this practice are:

- To improve internal efficiency between stakeholders and administration
- To re-structure the administrative processes
- To reduce costs or increase revenue
- To speed up and enhance efficiency among the stakeholders

The context:

Use of ICT has become an effective tool for modernizing traditional governance system. M.C. College, Barpeta believes in an inclusive system of governance in which all stakeholders including students, teaching, non-teaching staff and other professional bodies can easily access the overall data without any problems.

Evidence of success:

- The e-governance system for management of the College admission systematizes the online processes with features like ensuring online submission of Applications forms, Auto Filled Academic Details, Auto-Eligibility Check, Auto Roll No Allocation, Auto Generation of Merit List, Selection List and Waiting List etc.

- The implementation of online student attendance management system in the institute makes the system transparent, cost effective, time saving and paperless system. Along with this, it is also capable of storing student details, teacher's daily class records and activities etc.

- The implementation of online leave application system; applying, approving & management of leave is simplified in one click. This system is also capable of storing leave records of the stakeholders (teaching and non-teaching staff) and is also capable of self-checking the same.

Problems encountered and resource required:

- As the institute is located in a rural area where 90% of the stakeholders are from rural background, the network issues are the major problems, along with other technical problems like technical debt, defect in the software designing etc.

- The low digital literacy among the stakeholders is a major challenge for the institution. Therefore, there is a requirement of developing a user friendly and easily accessible technology or software with proper orientation.