Best Practices

A) Academic Monitoring System

Goal : Improve the quality education with the help of regular, in time teaching and learning process in depth. The goal is achieved with the help of following parameters Teaching aids Individual attention for the students by the respective teachers

Depth of teaching and understanding for the student with the help of technical discussion with the help of reference books and magazines related with syllabus framed by the university.

Case studies for the technology, if possible continuous visits to industries and sites to open the subjects and creates the interest in the subject as the students are weak in the academics and they cannot imagine theoretical concepts, presented the books by the respective author.

The context: The problems of understanding and clarity in the subject were raised by the students. In this context, committee analyzed the problems of students because the faculty was quite senior and expert in the subject.

In this situation, we advised the faculty members to open the subject with the models, kits, equipments and visualized the things form the real ground, in order to improve conceptual thinking of the students.

The practices:

1. Surprise visit in the classes (theory and practical)

2. Conducting the meetings with students of all department and discussing their difficulties

3. For improvement and necessary action we are advising to head of the department and reporting to head of the institute for necessary action.

4. Conducting the meeting of all departments in order to motivate and realize the responsibilities of the teacher form the academic point of view.

Evidence and Success:

1. Attendance of the subject is improved

2. Discipline is improved

Problems Encountered:

1. We raised questions in the class in connection with understanding of subjects as well as methodology used in teaching, depth of technical knowledge and exercise in connection with University examinations but, however, students are not responded as per our expectations.

2. Though the attendance of student is improved but certainly it below the average level in all classes of all the departments.

3. Few faculties taught the subject in Marathi language.
4. Shortage of reference books.

Resources Required:
1. Every class room must have overhead projectors and LCD projectors.
2. Teaching aids should be improved.
3. More emphasis should be on communication skill.
4. Summer school and winter school programs should be concentrated in our institute so that interaction between our faculties as well as other University faculties will be enhanced in order to improve technical and logical knowledge.

Notes (Optional):
The best practice emphasized a creation of a system/ mechanism for the improvement of quality education. This system did not have momentary response. For the same, faculties should be trained for improvement.

B) Tutor-Ward System: Mentoring System

Goal: To improve the students attendance and to improve academic performance.

The context: To improve the conceptual thinking and basic fundamentals of the subject along with crystal clarity, this system has been adopted. It also aims to develop analytical minds related to engineering subjects of all departments. To achieve above goals, institute arranges the meetings with students frequently and solves personal as well as college level problems.

The practices:
1. All mentors have maintained the file containing the detailed information as well as all records of concern student. Same record is communicated to parents timely.
2. In this regards, parents are also involved to know the progress of their wards.
3. We are giving justice to all the students through mentor system to improve their academics performances.

Evidence and Success:
1. Attendance improvement.
2. Result improvement.

Problems Encountered:
1. Initially, only 10-15% personal problems were shared by the students.
2. Initially, we have observed that many students have not given proper contact numbers of their parents.
3. Some of the parents have not responded properly and they have not supported to mentor system.

Resources Required: Parents telephone number entered in the data base are inefficient

Notes (Optional): The best practice emphasized a creation of a system/ mechanism for the mentoring system. This system did not have momentary response. For the same, need extra efforts for improvement.