

Best Practice – 1

1. Title of the Practice

Outcome based education

2. Objectives of the Practice

The objectives are to help the students to learn the followings:

- How to think and analyze intellectually.
- How to think, perform & act like professionals.
- How to perform under different practical situations.
- Ethical / societal values – introduce students to the purposes guided by the values for he/she is professionally responsible.

3. The Context

The conventional teaching was frequently portrayed as teacher-centered, educational modules centered and formal; in other words only transmitting data from the educator to the learner. The conventional learning provided the learner with information or abilities or both, but they were not coupled to a particular setting. So the learning created a vacuum and could not be considered as outcome centered. A learner-centered approach was being missed. It was content-based educational modules whereby the instructor was educating and the learner was memorizing.

Outcome Based Education (OBE) is an adaptable, empowerment-oriented approach to learning. It is focused at preparing learners with the information, competence and directions required for professional achievement after they take off from the institution. Subsequently its directing vision is that of a competent future citizen. Result at institute level is of limited advantage unless learners are prepared well to sail for victory in life under challenging situations.

The key guideline of OBE states that all exercises (educating, evaluating etc.) are adapted towards, not what the educator is getting to educate, but what the result of that imparted education should be, what the learner is expected to deliver and at what standard.

4. The Practice

Based on the academic calendar provided by the affiliating university - Maulana Abul Kalam Azad University of Technology, our college prepares its own academic calendar. For the benefit of the students various competitions, workshops, presentations and guest lectures etc. (apart from regular curriculum based teaching) are organized / conducted regularly to make them prepare for the outer world. Students are assessed multiple times throughout the session to judge their knowledge of understanding for the respective courses; continuous assessments in form of quiz, internal assessment, presentation, viva etc. helps in the process. Feedback from students also helps the teachers to find out the problems and how to mitigate that. Doubt clearing sessions are arranged for the slow learners. Mentorship of students is also proving beneficial for the students.

5. Evidence of Success

SIT's mission of imparting quality education through OBE has started showing results gradually. The strategic change in teaching methodology has helped in transforming the campus life with emphasis on more labs, major projects, workshops etc which gives students hands-on experience.

6. Problems Encountered and Resources Required

The institute is dedicated to the cause of the students by making them knowledgeable. But many obstacles are faced by both students and the faculty & staff members e.g. family background, time constraints, students involvement and interest, the teacher student synchronization etc. In order to address these issues the faculty & staff members are working in connection with the students, talking with the parents and trying to find every possible solution, even beyond working hours.