

BEST PRACTICE I

1. Title of the Practice:

Innovation, creativity and outcome based teaching-learning

2. Goal:

The Institute adopts various methods to transform the Teaching – Learning process into student friendly environment.

3. The Context:

Student centered methods are an integral part of the education adopted by the faculty. The institution made conscious effort to shift from the traditional teacher–centric approach to a student-centric one. Experimental learning, participative learning, and problem solving methodologies are used for enhancing learning experiences. The teacher facilitates self-development of knowledge, holistic development and skill formation through participatory learning activities.

4. The Practice:

The faculty goes beyond the tried and tested teaching methods to investigate and innovate so that there is an effective learning. The essential requirements of innovation in teaching learning process for teacher is to address dynamics of globalization, evolving new technologies, explosion of knowledge, rapidly changing attitudes, learning interests and goals of students. Incentives given by the management for faculty research also encourage the faculty to explore new approaches to teaching.

The innovative quotient of the teacher is reflected in the individual unit planner where the teacher states the diversified methodologies/teaching aids employed in teaching. The impact of innovative teaching is analyzed through student feedback which seeks the students' opinion on innovativeness of the Teacher.

5. Evidence of Success:

Students get hands on experience through internships in core companies in their chosen branches, experiential learning through industry visits, live projects, expert talks, MOOCs, workshops, case studies and virtual classroom sessions.

6. Problems Encountered and Resources Required:

As a whole the overall system is well planned and the resources are available in college.

BEST PRACTICE II

1. Title of the Practice:

Center of Excellence

2. Goal:

To implement usage of new tools and technologies, develop skills, create team spirits among students and to promote the institution to the next level.

3. The Context:

Centre of Excellence is a function that facilitates the collection of standards and practice in an institution to promote it to the next level. It refers to a team, a shared facility or an entity that provides leadership, practices, research, support and training for a particular area.

It is often associated with new software tools, technologies and people's network. It also focus on a particular area of research, such center may bring together the faculty members from different disciplines and share facilities. To promote research work in their field of specialization.

4. The Practice:

Various center of excellences for different departments of institute are being established in technical collaboration with renowned industries. The main objective of these COE's is to create awareness among the students about the best technologies followed by the industry and to provide industry relevant training and to develop in students competency of latest technologies so that they are well trained and become capable enough to appear for placements.

5. Evidence of Success:

Increase in the number of placements due to various training programs held by the respective COEs.

6. Problems Encountered and Resources Required:

Lack of funds which results in regular up gradation of the respective COEs. More students from nearby institutes can be motivated and special paid training can be arranged for them during vacations which results in generation of funds and it can be utilized for the up gradation purpose.