Best Practice -1

TITLE

Curriculum for Experimental Learning.

OBJECTIVES

- To enhance better understanding of subjects through practical modules.
- To promote the field study / training oriented learning.
- To bridge the academic gap of students to meet the professional expectations.

CONTEXT

As an autonomous institution, the academic freedom has widened the platform to all the departments in designing the curriculum with key focus on practical oriented learning to make the students professionally qualified. The contemporary areas in all the departments are given priority for inclusion in the syllabus. At the same time, the selected areas are included in the courses to make the students for experimental exposures.

PRACTICE

Every time, as per the scheduled interval, the Board of studies meeting is convened and the syllabus is revised with significant inclusions. The job oriented cutting edge thrust areas are carefully selected and included in the syllabus. Equal importance is given for theoretical knowledge as well as practical exposure. During internal assessments, students are guided to carry out an experimental assignment in some selective subjects. Students are doing these projects in different institutions and after completion they submit the project report to the department. The Head of the department in the presence of other staff conduct viva examination for the projects presented by the students and marks are awarded.

EVIDENCE OF SUCCESS

- The confidence level of students to face interviews and competitive exams on thrust and modern areas has significantly increased.

- The communication and presentation skills of the students are improved.

- Most of the final year students are keenly interested in designing their project on their own on cutting edge areas.

PROBLEMS ENCOUNTERED AND RESOURCE REQUIRED

- The time constraint to carry out long term experimental assignments.

- Financial barriers to do some scientific projects in leading organizations.

Best Practice -2

TITLE

Student Centric Learning Practices

OBJECTIVES

- ➢ To adapt innovative teaching practices
- ➢ To bring out the natural learning capabilities of students
- ➢ To encourage transparent and openness in Teaching – Learning process

CONTEXT

Our institution is always dedicated and interested in the wellness of our stakeholders particularly, students. All the faculty members are instructed to follow the student centric Teaching practices to make the learning process meaningful. Apart from traditional class room lectures, innovative and modernized methodologies are adapted to bring out the natural learning capabilities of our students in all aspects. To inculcate the professional skills and values among all the students, student centric approach is followed in all the aspects of Teaching-Learning.

PRACTICE

- Assignments, seminars and experimental projects are particularly planned to improve reading, writing, problem solving, innovation and critical thinking abilities of the students.

- Students are instructed to carry out a practical based learning project as a part of internal evaluation in all the subjects.

- Role-play, Quiz like events are organized by the students in all the departments on modern topics in order to establish innovative thinking culture among students.

- Curriculum is also accordingly restructured to provide intensive training in communication skills, personality development, presentation skill, management skills and career skill.

EVIDENCE OF SUCCESS

- There is a significant improvement in the curricular and co-curricular activities of students.

- The quality of research projects by our students is improved and their research papers are published in leading peer reviewed journals.

- Increase in the number of students aspiring for higher education is an evidence for their interest in continuous learning

PROBLEM ENCOUNTERED AND RESOURCE REQUIRED

- More industry – Institute interaction is required

- Most of the organizations / industries are not permitting the students to undergo in-plant training for real time exposure