Institutional Best Practices-2019-20

Practice#1
Title of the Practice: Implementation of Outcome Based Education Principles
Objectives of the Practice
- To offer more directed & coherent curriculum.
- To produce well rounded graduates more "relevant" to industry & research
- To undertake Continuous Quality Improvement (CQI) for attaining student excellence

The Context
In traditional educational system where content-driven approach to teaching has been referred to as a teacher-centered approach. Also instructional objectives and learning outcomes are not comprehensively planned and informed to students. Student assessment is not aligned to program outcomes. Hence Outcome-Based Education is essential and is judged upon the creation and offering of the Education Program based on Bloom's Taxonomy.

The Practice
Outcome-Based Education (OBE) focuses on the graduate attributes or outcomes after completing an academic program. This approach helps to know what you want to achieve and then taking the steps to do so. Hence The desired outcomes are determined first and the program curriculum, teaching and learning methodology and supporting facilities are designed to support the intended outcomes. The curriculum is designed top-down approach and the assessment is made bottom-up approach.

Evidence of Success
The curriculum designed is now tailor-made to attain the program outcomes and program specific outcomes
The system is providing opportunity to measure the student performance through objective attainment strategies. Also, the system is providing scope for gap analysis and enabling the institution for continuous improvement in curriculum and associated practices

Problems Encountered and Resources Required
- Orienting the faculty to enhance the scope from lower order thinking skills of Knowledge, Comprehension and Application to Higher order thinking skills of Analysis, Evaluation and Creation
- Creating evaluation system to suit the attainment strategies
- The systems and practices are more relative and customized to meet the stakeholder standards and needs and sometime it becomes tough to defend
- Continuous awareness and training programs of the members of faculty and assessment tools are required to

Notes: Outcome-based education is the order of the day and its implementation is a must for attaining prescribed competencies by the students

Practice#2
Title of the Practice: Curriculum design and development for student holistic development
Objectives of the Practice:
• To provide a curriculum to the future needs of students
• To design and develop syllabus with knowledge and skills for 'breadth over depth'
• Periodic collection of feedback from stakeholders for continuous improvement of curriculum and relevant resources
The Context:
The education objectives that are stated to address the aspirations of the students and requirements of the industry are incongruent. The demands from the various sectors of the industry necessitate the institution to place a contemporary curriculum with judicious mix of attitude, skills and knowledge as part of the learning outcomes of the students. Since the conferment of autonomy, the institution in exercising its academic flexibility and has been in constant pursuit of providing curriculum as a quality product, process and practice.
The Practice:
• Incorporating content and courses in each broad knowledge areas of programs consistent to American professional societies and institutions of national and international repute.
• Periodic stakeholder's feedback on curriculum objectives, content and outcomes
• Inducting the best of minds from academia and industry in the respective disciplines to Boards of Studies and Academic Council of the institution for curriculum design, development and update.
Evidence of Success:
• Courses relevant to industry practices and research are part of the curriculum of all the programs offered.
• Enhanced learning outcomes of the students
• The student progression to higher education and career is improving
Problems Encountered and Resources Required
• Continuous interaction with experts for revision and updation of curriculum
• Training all the teachers in curriculum development strategies to contribute novel insights
• Infrastructure, and resources to implement the curriculum.

Notes: curriculum as a significant program specific criterion has to be internalized by all the stakeholders for attaining the set program objectives.