

7.2.1- Describe two best practices successfully implemented by the Institution as per NAAC format provided in the Manual.

Best Practice 1:

1. Title of the Practice

Innovative Project Competition:- Kedar Tumne Award

2. Objectives of the Practice

This Award aims to recognize, appreciate and encourage the best student innovation, solving societal or community problems using engineering knowledge.

3. The Context

Students work on various innovative ideas and societal problems. An award for such students' group per department is conferred with a cash prize of Rs. 10,000.

4. The Practice

To develop the innovative culture among students, KT-innovation Award plays a vital role. Students nominate themselves for this award, undergo multiple rounds of evaluations, demonstration of their project idea, interview by the expert's panel. These ideas are evaluated on the basis of Innovative Idea, Social Impact, Feasibility, Implementation Status, Presentation.

5. Evidence of Success

This award is gaining popularity among the students and the participation is increasing every year. Initially the award was given to the top three groups, now we have started giving a total of 5-awards, one per department, every year.

6. Problems Encountered and Resources Required

Industry experts from different domains need to be identified for evaluation and selection for the Innovative project ideas.

7. Notes

This award is sponsored by our own alumni Ms. Supriya Tumne.

Best Practice 2:

1. Title of the Practice

Inclusion of Interdisciplinary courses in the engineering curriculum.

2. Objectives of the Practice

Incorporating interdisciplinary courses enhances the versatility of engineers, preparing them for the dynamic and interdisciplinary nature of the professional world.

3. The Context

The inclusion of interdisciplinary courses in engineering curricula requires a strategic, collaborative and adaptive approach from educators and institutions.

Challenges like Faculty expertise, additional financial and human resources need to be addressed.

4. The Practice

It prepares students to be adaptable, innovative, and socially conscious engineers who can contribute meaningfully to the nation's development and global progress. It helps in holistic development of engineering graduates.

5. Evidence of Success

POs focusing on societal, health, safety, legal, cultural and economic aspects are addressed. Application of ethical principles and professional ethics are introduced to the engineering students. It also enhances the placements of the students.

6. Problems Encountered and Resources Required

Challenges like identification of expert Faculty in the domain, financial planning and human resources need to be addressed. Courses like Law for Engineers were included in the electives but the response from students was poor.