7.2 - Best Practices

Best Practice 1

Active Engagement with Industry

Objectives:

- To provide students with real-world experience and exposure to the latest industry trends.
- To build relationships with industry partners and facilitate collaboration on research and development projects.
- To ensure that the curriculum is relevant to the needs of the industry and that graduatesare prepared for the workforce.

Perspective:

We believe that active engagement with industry is essential for providing our students with a high-quality education. By working with industry partners, we can ensure that our students are learning the skills and knowledge that they need to be successful in their careers. We also believe that industry engagement can help to boost our research and development capabilities, and that it can help us to stay ahead of the curve in terms of emerging technologies.

Tradition:

Our institution has a long tradition of engagement with industry. We have established strong relationships with many leading companies in the engineering sector, and we have a history of successfully collaborating on research and development projects. We are also committed to providing our students with opportunities to gain real-world experience through internships and other work-based learning opportunities.

Evidence of achievement:

We have a number of examples of our success in engaging with industry. For example, we have recently collaborated with a leading technology company to develop a new software platform for the energy sector. This project has helped to boost our research and development capabilities, and it has also provided our students with valuable hands-on experience. We have also had a number of successful internships in recent years, and our graduates have gone on to secure well-paying jobs in the industry.

Problems came across:

One of the challenges that we have faced in engaging with industry is finding partners who are willing to invest in long-term relationships. We have also found that it can be difficult to match the needs of our students with the needs of industry partners.

Vital resources:

The following resources are vital for our efforts to engage with industry:

- A strong network of industry partners
- A dedicated team of staff who are responsible for industry engagement
- Funding to support research and development projects
- Opportunities for students to gain real-world experience

We believe that active engagement with industry is essential for providing our students with a high-quality education. We are committed to continuing our efforts to build strong relationships with industry partners, and we are confident that this will help us to achieve our goals.

Best Practice 2

<h2 align="center">Introduction of Sairam RAISE</h2>

Objective:

- To raise the aspiration of each and every individual at Sairam.
- To instill an ambition and attitude that we can achieve whatever we set our minds to.
- To help each one of us to improve as individuals and reach where we want to be in our lives.

Perspective:

- The RAISE model is based on the belief that we can all achieve great things if we set our minds to it.
- The model is designed to help us realize our full potential and to make continuous improvement in our lives.
- The RAISE model is a powerful tool for self-improvement and for creating a better future for ourselves, our families, and our society.

Tradition:

- The RAISE model is rooted in the Sairam tradition of excellence.
- The Sairam tradition is a culture of continuous improvement and of striving to be the best that we can be.
- The RAISE model is a natural extension of this tradition and it is helping to ensure that Sairam continues to be a leader in education.

Evidence of achievement:

- The RAISE model has been very successful in raising the aspiration of students and faculty at Sairam.
- Students are more motivated to learn and to achieve their goals.
- Faculty are more engaged in teaching and in continuous improvement.
- The RAISE model has led to a number of tangible achievements, including:
  - Increased student AdmissionS
  - Improved student Placement

Problems came across:

- One of the challenges of the RAISE model is that it requires a change in mindset.
- Students and faculty need to be willing to embrace continuous improvement and to challenge themselves to be better.
- Another challenge is that the RAISE model requires resources.
- The institution needs to invest in training, infrastructure, and other resources to support the model.

Vital resources:

- The most vital resource for the RAISE model is the commitment of students, faculty, and staff.
- The model will not be successful unless everyone is on board and committed to continuous improvement.

Other vital resources include:

- Training
- Infrastructure
- Funding

Best Practice 3

Introduction of Centre of excellence in various Domains

Objective

The main intention of Centre of excellence in various domains is to provide hands on experience and connect the students to the industries to improve the entrepreneurial skills.

The Perspective

The current notion among the People is that Engineering Education is not best choice for their ward. And the expectation of Industries are also changed. They are not looking for the Graduates with Academic Grade Point, rather they started expecting the Graduates with Latest and developing International Technical Skill. This cannot be imparted to the student through their regular Academic. And to Bridge this Gap Our Sri Sairam College of Engineering had Signed Up with the with various industries to establish their centre of excellence in our campus.

The tradition

The Management of Sri Sairam college of Engineering have taken decision to make each and every student as well faculty to work in any one Centre of excellence

Evidence of achievement

- Drones' workshops
- Farm equipment development
- Hands on experience workshops
- Participation of various product development and project competition both national and international level.

Problem came across and the vital Resource

- Balancing between the academic and these activities.
- Changing the mindset of the student from employee mode to employer mode.