

7.2 - Best Practices

Best Practice 1

Introduction of SCOPE Model

Objective

The main intention of implementation of **SCOPE Model** in various fields and department for the development by the individual.

The Perspective

To improve the Quality output of any activities such as admission, placement, research and Innovation etc. carried out in our campus we had introduced the SCOPE Model in our institutions. Basically, SCOPE Model defines the responsibility of each and every participants of the activity and make sure that they will complete the assigned task as per the expected output.

The tradition

The Management of Sri Sairam college of Engineering have taken decision to make each and every student as well faculty to play as the team member in SCOPE model at various department

Evidence of achievement

- Improvement in admission
- Improvement of placements

Problem came across and the vital Resource

- Balancing between the academic and these activities.
- Multiple roles in various SCOPE Model, that make the participants to become exhausted.

Best Practice 2

Introduction of Sairam EOMS

Objective

Sairam Educational Organisation Management System (EOMS) is a process of quality assurance and improvement, whereby a programme is critically monitored and Verified that the Institution or the programme continues to meet and/or exceed the Norms and Standards prescribed by regulator from time to time. It is a kind of recognition which indicates that a programme and Institution fulfils certain standards.

Purpose of EOMS

The purpose and impact of EOMS goes far beyond quality assurance of our Institution and its programs.

Major impacts of Educational Organisation Management System are summarized below:

- Encourages quality improvement initiatives by Institutions.
- Improves student enrolment both in terms of quality and quantity.
- Helps the Institution in securing necessary funds.
- Enhances employability of graduates.
- Facilitates transnational recognition of degrees and mobility of graduates and professionals.
- Motivates faculty to participate actively in academic and related Institutional / departmental activities.
- Helps create sound and challenging academic environment in the Institution and Contributes to social and economic development of the country by producing high quality technical manpower.

Benefits and Significance of EOMS

Sairam EOMS is a tool that stakeholders use to monitor, assess and evaluate the standards and quality of the education a student receives at a institution of higher learning. Some of the major benefits enrolled students receive are as follows:

- Program offers the highest quality education available.
- Program strengthens consumer's confidence, employers value degrees of the program the most;
- EOMS helps institutions to know their strengths, weaknesses and opportunities, pushes them to continuously improve their programs and give them a new sense of direction, identity and targets;
- Program demonstrates accountability to the public, commitment to excellence and continuous quality improvement.

Outcome-based Criteria for EOMS

Outcome based education is targeted at achieving desirable outcomes (in terms of knowledge, skills, attitudes and behaviour) at the end of a program. Teaching with this awareness and making the associated effort constitutes outcome based education. This entails a regular methodology for ascertaining the attainment of outcomes, and benchmarking these against the program outcomes consistent with the objectives of the program.

EOMS aligned its methodology with international benchmarks ISO 21001 and started monitoring on the basis of outcomes. It believes that educational quality must be measured by outcomes rather than inputs, because inputs do not necessarily correlate with quality outcomes. Outcomes are dependent not only on inputs but also on the processes followed by an institution to convert inputs into defined outcomes.

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.