

Best Practices

Best Practice 1: Strumpets Enhancing the Knowledge from Engineering Colleges – Knowledge Transfer Program

Best Practice 2: Students Enhancing Knowledge from Engineering Colleges – Knowledge Transfer Program

Objective:

To bridge the gap between theoretical learning and practical application.

To encourage knowledge sharing between students from different engineering institutions.

To provide students with exposure to advanced concepts, emerging technologies, and industry trends.

To enhance problem-solving skills through collaborative learning and mentorship.

To develop leadership, teamwork, and communication skills among students.

To create a platform where students can exchange ideas, innovations, and best practices.

Challenges:

Encouraging active participation from students across different engineering colleges.

Overcoming differences in academic curriculum and teaching methods between institutions.

Ensuring the availability of necessary infrastructure, such as labs, software, and learning resources.

Managing scheduling conflicts between different institutions.

Addressing the varying levels of knowledge and expertise among students.

Sustaining student motivation and interest in long-term knowledge-sharing initiatives.

Securing support from faculty and administration to facilitate smooth implementation.

Best Practice 2: Institution's Social Responsibility – Community Awareness Programs

Objective:

"Service to Humanity is Service to God"

- To give students hands-on experience in community service.
- To provide learning opportunities beyond the classroom.
- To encourage students to participate in social activities, helping them develop citizenship and networking skills.
- To build a strong connection between the institution and the local community.
- To involve students in solving social issues.
- To help students identify community problems and develop a sense of responsibility towards society.

Context:

The main goal of this practice is to create awareness and promote selfless service. It encourages students to understand different perspectives and work for the well-being of society. A survey conducted by student volunteers identified key challenges in the community.

Challenges:

- Educating people about harmful social practices like smoking, alcohol consumption, and unhygienic surroundings.
- Eliminating harmful traditions and practices in the community.
- Empowering uneducated women.
- Addressing hygiene and sanitation needs, especially for women.
- Promoting cleanliness and healthy living.

Implementation:

The institution's NSS unit designed and organized various programs with trained volunteers. Some of the key initiatives included:

- A two-day *Swachh Bharat* camp to promote cleanliness awareness.
- Yoga awareness programs highlighting its health benefits.
- *AIDS* awareness rallies educating people on safe practices.
- Workshops on the dangers of *tobacco* consumption.
- *Blood donation* camps encouraging community participation.
- Awareness sessions on *cancer prevention*.
- Nutritional awareness programs under *Child Poshan Abhiyaan*.

Evidence of Success:

- Students developed better organizational skills while conducting these programs.
- Increased student participation in other social initiatives.

- A noticeable reduction in infant mortality rates in the community.
- Positive community feedback, showing the effectiveness of the programs.
- A rise in voluntary blood donations from community members.

Challenges & Resources:

There were no major difficulties in implementing this practice, apart from minor financial requirements. The NSS officers received training to carry out community services, and the college principal provided full support to students and staff in their efforts.

Best practice -3: Title of the practice:

“Promotion of environmental consciousness and making the Campus a green belt zone”

Objectives:

“Environment is no one’s property to destroy but is every one’s responsibility to protect”

The environment where we live within are of prime concern since it is directly related to our survival. Keeping it healthy is the responsibility of each and every stakeholder of the institution.

- To identify and control the impact of activities of the institution on the environment.
- To set the procedure for disposal of all harmful waste
- To reduce energy consumption
- To train all the stakeholders of the institution and empower them to contribute and participate in the environmental protection.
- To recognize the initiatives taken by the institution towards environment.
- To secure the environment and cut-down the threats posed to human health
- To safeguard Bio - diversity for the welfare of nature.
- To spread awareness on greenery and its impact on nature.
- To control pollution and provide a healthy environment.

Context: In tune with the above objectives and keeping the view of the importance of environmental sustainability the institution is conscious about undertaking plantation work and maintaining cleanliness in and around the campus and hence a good effect on the environment of

the institution.

Challenges:

- Making the campus plastic free zone
- Safe disposal of e-wastes.
- Conservation of water
- Conservation of energy

The Practice:

The various green initiatives undertaken by the institution are as follows.

- “Plantation practice is one of the most important and healthy practices that the institution performs at regular intervals and hence the college campus is serene and lush green. The campus is spread over diverse plant species and colorful seasonal flowers. The lush green trees spread over the campus provide shade and a beautiful ambience to the entire surroundings. The green plants species of the campus are identified and documented by the department of Botany. The Flore of includes approximately 65 varieties. To make the campus Eco-friendly various initiatives have been undertaken by the institution and the college arranges special programs for generating awareness among the stakeholders and highlights the urgency to increase the green cover”.
- Use of plastic materials is banned in the campus. All plastic items are replaced by biodegradable (or) reusable alternatives. R.O water purifier is installed to curtail massive use of plastic bottles.
- · AC condensed water is used for tree plantation.
- This Eco-friendly work culture will help us materialized our ecological vision and mission to make S.V.A Government Degree college a green belt campus.

Evidence of success:

By joint effort of the principal, all departments and IQAC of the institution to make the campus eco –friendly and a green belt zone, the efforts undertaken by the institution are

- Faculty of department of Botany has arranged special classes for all the students of Botany to identify the plant species in different ecological conditions.
- The NSS unit of the institution has organized “Swatch Bharat” program intended to create environmental conscious on all the stakeholders of the institution.

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Problems encountered and Resources required:

No problems are being faced by the institution in maintenance of the college campus eco-friendly and a green belt zone. The management is kind enough to provide sufficient funds and man power in maintaining the campus serene and lush green.