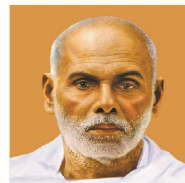


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Criterion 7.2 - Best Practices

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

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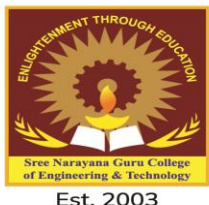


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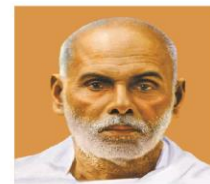


BEST PRACTICE 1



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BEST PRACTICE I

Title: Promoting Sree Narayana Guru's Vision about Enlightenment through Education

Objectives

- Empowering the underprivileged through education.
- Ensuring equal access to educational opportunities.
- Promoting unity and inclusivity among students.

Context

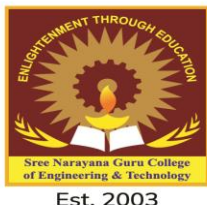
Traditionally, access to higher education has been heavily influenced by financial resources and background. To create a equitable system, it's crucial to offer fee waivers and scholarships based solely on merit, regardless of a student's community or financial status. By offering scholarships our institution ensures that promising individuals have the means to excel academically and contribute to society.

Creating a truly equal learning environment goes beyond just access to education. To promote equality among students, it is important to treat all individuals with fairness and respect regardless of differences in race, gender, religion or socioeconomic status.

The practice

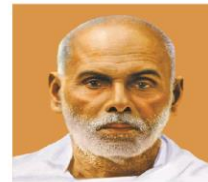
1. At SNGCET, we believe that financial limitations should never be a barrier to quality education. So we are Providing Fee Waivers and Scholarships Funded by Management regardless of Community or Religion.
2. To cultivate learning environment built on respect, understanding, and equality 'Gurusmarana' is conducted annually focusing on values and equality which help to empower the participants.


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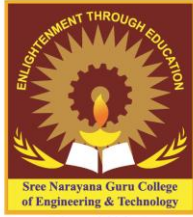
Evidence of Success

- Students from disadvantaged economic backgrounds have demonstrated remarkable academic achievements and have successfully established themselves in their chosen careers.
- SNGCET embraces a remarkable unity. Students from diverse backgrounds, caste, religion, and socioeconomic status, come together as one. This spirit of inclusivity stems from the core values they learn here, allowing us to celebrate every occasion.

Problems Encountered and Resources Required

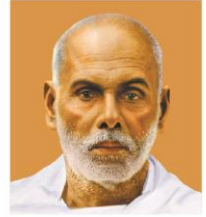
- The funding is completely done by the management only.
- Identifying the deserving students in a class might be challenging at times.
- We should explore external funding opportunities, such as scholarships and grants.


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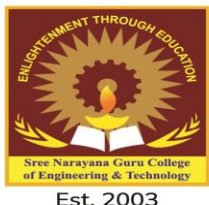


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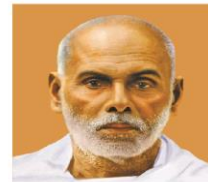


BEST PRACTICE 2



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BEST PRACTICE II

Title of the Practice: Initiatives to enhance the educational experience

Objectives

- Inspiring active student engagement
- Providing academic resources
- Encouraging a lifelong pursuit of knowledge.

Context

SNGCET is dedicated to helping students excel in and out of the classroom, shaping them into best individuals. Through diverse methods, we empower students to achieve academic excellence and develop strong character. This prepares them comprehensively for success in all facets of life.

The Practice

1. Bridge Course for Slow Learners


To assist slow learners struggling to keep up with classroom instruction, a three-week Bridge course is implemented. Subject teachers lead separate sessions, simplifying fundamental concepts for improved learning and performance within a condensed timeframe.

2. Study Camp

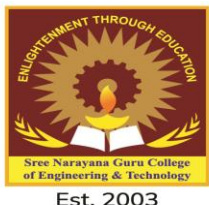
Study camps are arranged for students needing extra assistance due to slower learning. Ahead of university exams, such camps guarantee individualized attention, with faculty clarifying key concepts thoroughly and assigning tasks to enhance exam readiness.

3. Student Handling Philosophy:

SNGCET recognizes students' diverse abilities, categorizing them based on skill level and willingness. This framework enables us to adapt strategies to support each category effectively.

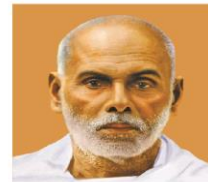


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- **Able & Willing:** These students are set up for success. We offer them rigorous coursework, leadership opportunities, and academic resources to advance their studies
- **Unable & Willing:** These students possess strong motivation but may lack initial skills. We offer them targeted support through focused instruction, mentorship, and opportunities to build confidence and competence.
- **Able & Unwilling:** These students have the potential but may lack motivation. We use dynamic teaching techniques, individualized guidance, and real-world exploration to spark their interest and uncover the joy of learning.
- **Unable & Unwilling:** We offer extensive support to these students through personalized assessments, skill-building exercises, and motivational techniques to address challenges and create a positive learning atmosphere.

Evidence of Success

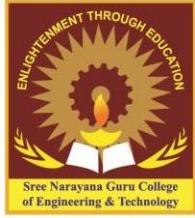
Several students have benefited due to the bridge course as they are able to grasp the basic concepts

- Students are able to excel in exams after attending the study camp it is evident from their performance in the university exams.
- By categorizing students based on ability and willingness, we develop targeted support systems and differentiated learning strategies, creating an environment where all students actively engage in academic activities and excel

Problems Encountered and Resources required

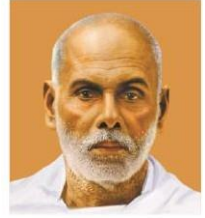
- Various personal commitments of the students prevent students from attending these activities including bridge courses and study camps.
- Availability of teachers amidst hectic academic schedule and other duties.
- Subject experts are required to conduct training workshops for students, covering effective strategies for handling difficult subjects, time management, exam writing skills, and increasing student motivation.


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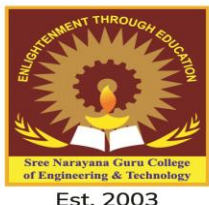


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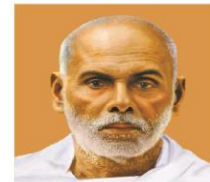


BEST PRACTICE 3



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BEST PRACTICE III

Title of the Practice: Sharing technical expertise and knowledge for the benefit of the society

Objectives

- To apply technical expertise to address real-world issues concerning energy, the environment, and beyond
- To educate society about technical advancements.

Context


As a technical institute, we embrace education's transformative power, striving to extend knowledge beyond our classrooms through diverse public outreach programs.

The Practice

1. The Department of Electrical and Electronics Engineering(EEE) has spearheaded a significant initiative by establishing an on-campus LED bulbs manufacturing unit. This innovative project allows the department to produce LED bulbs at an affordable price.
2. College faculty and students train the women from the local Kudumbashree unit, to teach computer and internet skills and helping self-development.
3. At the Sree Sundareswara temple festival, we host an annual technical exhibition with diverse stalls showcasing engineering history, ISRO's achievements, and future tech themes.

Evidence of success

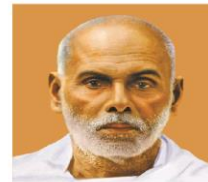
- The availability of low-cost LED bulbs can provide sustainable lighting solutions.
- The digital awareness training has empowered many women, enabling them to use their smartphones for tasks like bill payment and information searching.
- Our annual technical exhibition plays a vital role in making engineering accessible to the public. Through interactive exhibits, attendees gain valuable insights into diverse engineering disciplines


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Problems Encountered and Resources required

- The LED bulb manufacturing unit, led by the EEE department, faces logistical challenges, potentially conflicting with academic commitments.
- The digital training for Kudumbashree workers was brief due to busy academic schedules of students and faculty.
- The LocalKudumbasree network shall be utilized to train women volunteers, empowering them to enhance their skills in LED bulb manufacturing.


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