



TAGORE INSTITUTE OF ENGINEERING AND TECHNOLOGY

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(Approved by AICTE, New Delhi and Affiliated to Anna University, Chennai)

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Best Practices

Best Practice-1

1. Title of the Best Practice

Bridge Courses for Slow Learners

2. The Context

Slow Learners have difficulty in keeping up with the classroom as their IQ is low. In all likelihood, these children do not have a learning disability and hence are mostly overlooked. Many of such students tend to drop out of college because the classroom is hard for them. But Learning is a lifelong Endeavour and each child should be given an opportunity for a consistent growth in his or her life. Tagore Institute of Engineering and Technology providing a separate platform for all such learners, who due to certain unavoidable circumstances could not come into the main force. A separate session is provided to these learners by the subject specialists and the outcome has been overwhelming success till now.

3. Objectives of the Practice

- Working on the requirements of the students after identifying the problems.
- Prepare the slow learners to take up the commencing degree classes properly.
- Bridging the gap between slow learners and the usual learners.
- Monitor and enhance performance towards excellence.

4. The Practice

The Bridge course is a three weeks program and at times exceed to four weeks depending on the requirement of the students, conducted before the commencement

of regular undergraduate classes. The pre-assessment criteria are based on marks obtained by the students in their pre-university examination. After the Bridge course, students who scores marks lower than 50% have to reappear for the same exam but such requirement has hardly risen. The success ratio of the improved quality is verified with the feedback collected from the students all these years.

5. Challenging issues

- Clashing of Bridge course with other competitive entrance examination dates.
- Students' varied personal commitments during the session of the course.
- Lack of seriousness among stud Bridge Course has not faced any critical challenges but few such as:
 - Delay in the Pre-University Boards results affecting the pre-assessment criteria test as the Bridge course commence few days before the commencement of degree courses.
 - Difficulty in getting the personal contacts with the students once admission is done as they tents.

6. Evidence of Success

Students are able to excel in exams as evident from their assessment marks and their performance in the subsequent exams. Their improved confidence allows them to participate in various curricular as well as co-curricular activities and excel in those with good results. The results of the students have been a continuous hallmark of their capabilities as well the success of the programme. The written feedback of the slow learners has given positive input to conduct such programs on regular basis.

7. Resources Required

- Huge investment in intellectual and knowledge propagators.
- Monitoring department with professionals to keep a keen eye on students' need.
- Qualified teachers to train slow learners on their problem zone.

- Proper planning of syllabus and problem based approach to guide these students.

Best Practice- 2

1. Title of the Practice: Eco-friendly and Green Campus

2. Goal:

- 1) To save the human being from the effect of environmental pollution.
- 2) Eco-campus by planting more trees.
- 3) Conservation as well as generation energy.
- 4) Efficient use of available water.
- 5) Proper waste management.
- 6) To tell environment degradation.
- 7) Planting and maintaining trees.
- 8) To accept clean production concept

3. Context:

Today there is a great need for conservation, because we are facing several environment problems. The main caused behind these problems is that human beings are consuming natural recourses at a much quicker pace than they can be replenished. Pollution is becoming very serious day by day due to deforestation and urbanization. A clean and healthy environment aids effective learning and provides a good learning environment. We decided to educate and make aware students on the issues such as renewable energy sources, waste management and recycling. We decided to work in the areas of power, plant, water and cleanliness. The stakeholders work to develop an eco-friendly, sustainable campus and to disseminate the concept of eco-friendly culture.

4. The Practice:

Tagore Institute of Engineering and Technology resolved to work with stakeholders to foster a culture of self-sustainability and eco- friendly campus. The time bound strategies are developed to implement green campus initiatives. At the outset, a committee comprising faculty from the various departments was constituted in consultation of IQAC. It was entrusted the task of formulating

strategies for clean and green campus. This helps in strengthening eco campus. Following are the initiatives for making eco- friendly campus.

a) Plantation:

The different varieties of plant species are planted at defined intervals in the campus with the help of stakeholders. During the last five years, college has planted hundreds of plants. and trees. Present green campus is the outcomes of our sincere efforts.

b) Conservation of energy:

College receives inadequate power supply from local power grid for its academic and administrative needs. Hence, in order to meet our requirements, the resources are used very economically which is resulted in minimum expenditure on fuel, electricity bills. This helps us to overcome reliance on erratic power supply. Following initiatives are employed on campus:

- Tube lights and bulbs have been replaced with CFL and LED lamps.
- Optimum power utilization is practiced.
- Plants in the campus are watered without wasting the water.
- Water harvesting system is in place to collect roof top water into the underground drainage.
- Students are provided safe and clean drinking water.
- Exhaust fan is installed in the laboratory to expel hazardous gases.

5.Evidence of Success:

- The green campus developed by college helps not only to save the environment, but also adds to the beauty of the campus. Besides providing shed to people, the plants are used for scientific studies.
- College is able to save a lot of money on electricity bills due above initiatives and is evidenced from the past electricity bills.
- Water conservation methods employed are helping maintaining gardens and campus green and eco-friendly.

- Ban on plastic items, vermiculture and vermicompost has made college campus clean and beautiful.
- Eco-campus strategies employed resulted in one of the beautiful and clean college in the vicinity. It has resulted in attracting more students.

6 Problems Encountered and Resources Required: -

- ➔ Preservation and healthy growth of plants require a lot of human resource planning.
- ➔ Water shortage problem was overcome with drip irrigation.
- ➔ In summer season, we have to face lot of water scarcity. Hence in order to meet requirements we need to hire water tankers.

7. Notes:

- Use of paper cups and plates is encouraged and the use of plastic bags and plastic tea cups is banned. Plastic free culture is imbibed. Less paper communication and correspondence are practiced routinely. It encourages and practices communication through e-mails and social media.