

TAGORE GOVERNMENT ARTS AND SCIENCE COLLEGE  
Puducherry

**BEST  
PRACTICES  
2022-23**

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## **Best Practice-1:**

### **1. Title of the Practice:** Tree Plantation

### **2. Objectives of the Practice**

- To enhance the greenery of the college and improve its ambience.
- To create a natural, green and peaceful teaching–learning atmosphere in the college, in harmony with the nature.
- To sensitize the students about the importance of trees and plants and to create an awareness in them that the very existence of living beings is inconceivable with an endangered environment.
- To play a small possible role in reducing the level of Carbon-dioxide and increase the level of Oxygen which is the elixir of life.
- To keep the weather cool and give a pleasant atmosphere.
- To spread the message ‘Save Trees, Save Earth’.
- To have a positive impact of the college among the common public by raising the college to the next level, that is ‘eco-friendly’.

### **3. The Context**

- This college being a premier institution, was in a position to revive itself.
- It was shabby in its outward appearance. As the saying goes “First impression is the best impression”, it has been decided to change the face of the college with greeneries and to maintain it properly in the future and forever.
- Sometimes, especially during the summer season, the classroom temperature is not conducive for teaching–learning process.
- The awareness among the students towards the nature was only theoretical that demanded an applied orientation.

### **4. The Practice**

- Number of tree saplings were planted inside the college premises.
- Faculties and students of all the Departments were asked to plant saplings and were assigned as the guardians of their sapling to look after as they grow and ensure that those saplings are being watered regularly and are taken care of.
- Visitors to this college, whomsoever may be, are asked to plant a sapling bearing their name and are taken care of by the institution, as a memory of their love towards nature.

- All – students, teaching staff and non-teaching staff take pledge on the ‘World Environment Day’.
- The college does not restrict itself to a particular day for Tree plantation. Apart from Tree Plantation Programmes, the college is busy in tree plantation whenever time permits.

### **5. Evidence of Success**

- As the saying goes “Tiny drops make a mighty ocean” the saplings planted has grown well and are giving a good ambience to the college.
- One can witness students and employees of this college coming forward and voluntarily involving themselves related to the green campus activities.
- One can witness students, parents who come to see their wards, employees of this college taking their lunch seated on the sitting arrangements under the trees.
- Students could feel the drastic change in the pleasantness of the surrounding weather condition thereby making the teaching–learning atmosphere conducive.
- One can listen to the admiration and opinion of the common public who had been to this college in the past and now visiting the same college with full of green ambience.
- Last but not the least to mention, the vulnerabilities such as heat and poor air quality are reduced by this practice.
- It has earned the title ‘Green Man of Puducherry’ to the Principal of the college for his initiatives, the efforts and the amount of hard work he has put for making the college a greenery with ambience.

### **6. Problems Encountered and Resources Required**

- Increase in the number of carbon emission two-wheelers and four-wheelers.
- The soil in which the tree plantations are done is compact soil which in turn results in the stressed soil and crushed roots.
- Restricted expanding root space which in due course of time will run into obstacles.

Lack of local arborist who can spot and treat tree pests and diseases early for treatment advice for trees.

### **Best Practice-2:**

#### **Title: RO units in All the Academic Blocks for Drinking Water:**

#### **Objective:**

1. The goal is to produce water that is fit for specific purposes. Most water is purified and disinfected for drinking purposes, but water purification is also be carried out for a other purpose such as chemical and biological laboratories.
2. The role of RO drinking water is to provide adequate water for the college community and

prevent/mitigate risk of water contamination.

**The Context:**

Water constitutes nearly 70 percent of our body weight and hence it is most important thing for our body. Due to continuously increasing industrialization and contamination of river as well as ground water, safe water has become the top priorities now a days. Moreover, academic Institution are the places where a large number of students spend their nearly 5-6 hours on working days, therefore, safe water has become mandatory requirement.

**The Practice:**

RO units have been installed in different academic Blocks to provide safe drinking water then and there. At regular intervals, cleaning of RO water tank and cartridge replacement is carried out by calling the professionals. Ph determination and TDS measurement is also carried out at regular intervals.

In Chemical laboratory, RO water is used for conducting general practicals. In Biological laboratories also RO water is used for conding the practicals

**Evidence:**

1. Better health of college community.
2. Practical in chemical and biological laboratories are conducted in more convenient ways.

**Problems encountered and resources required:**

1. RO units work on electricity which may create problems sometimes during electricity maintenance.
2. Sometimes but very rarely, internal parts go malfunctioned and hence needs to be repaired or replace.

**Provide web link to:**

- Best practices in the Institutional web site
- Any other relevant information
- To facilitate holistic development of the younger generation, which includes physical, mental and spiritual wellbeing moral values are taught and practiced in the College campus.
- The students get requisite lessons that keep their minds ignited for seeking knowledge and are motivated to do well in every sphere of their life.
- One distinctive practice of the College is making the college green and clean by tree plantation and maintaining and conserving the existing fauna of the college.
- For making the campus clean, various programs like cleanliness drives, talks and dramas on environment protection are conducted in collaboration with NSS.