

## **Best Practice – I**

### **Title of the Practice: Approaching Towards College Banana Orchard**

#### **Objectives:**

Tinsukia College is the premier institution of the far-off corner of NE region of India which was established in 1956. Since its inception, the college has been instrumental in providing scope for the students of the region including neighbouring areas of Arunachal Pradesh. It has also catered to the needs of the downtrodden, marginalized and economically weaker sections of the society. The effort has always been to impart quality education, thereby paving the way for the growth and development of quality human resources. This year we are approaching to bring into being a Banana Garden

#### **Context:**

North Eastern region of India is one of the hot spot are of bio-diversity due to its climatic condition. Floras and faunas of various species are available in this region. In context to banana also, it has been found large number of species are available and people are now cultivating it for commercialization. As a part of overall development of the student community, our College has made an effort to setting up a banana Garden. This endeavour will not only motivate the student towards the agriculture sector and but also they will learn how the garden will help the college as a whole in various aspects especially the uses of banana leaf, banana stem called *pasala* , a traditional dish besides banana fruits.

#### **Practices:**

1. The banana leafs are used during all the functions of the college when required. It is also used by the other stakeholders of the college
2. The trunk of the banana trees are used for the Vermicomposting plant of the college
3. The tender part of the banana stems are used for traditional dish called *Pasala*
4. The matured bananas are distributed among the faculties and staff of the college.

#### **Evidence of Success:**

1. People got enchanted when they received the required banana product.
2. The banana cultivation promotes sustainable and eco-friendly practices in the campus.

#### **Problem Encountered:**

1. College has not enough ground to extend the banana garden.
2. The production from the garden is far away from commercialisation stage and still not generating funds.

## **Best Practice – II**

### **Title of the Practice: Safety & Savings of Electrical Energy at the College**

#### **Objectives:**

Tinsukia College is one of the oldest Coeducational Institutions of Assam catering nearly 3500 students. In addition to Bachelors of Arts, Commerce and Science, the college offers the degree of BBA and BCA under Dibrugarh University. Further, in 2023, the College has started PG Courses in Chemistry, Mathematics, Commerce and Computer Science. The area of the College is 5.6 acres and out of which 30 percent is covered by Main College buildings having different blocks including Hostel. All the blocks are well connected with electricity not only for lighting but also to run the electrical equipments as well as heavy duty machines in the laboratories. The average power consumption is nearly 17.2KVA (*Energy audit report, Tinsukia College*). To reduce the electrical energy, our college take a lot of awareness measures considering it one of the best practices.

#### **Context:**

Electricity is an essential commodity that powers our modern civilization. It is a resource generated primarily from non-renewable sources. Therefore, it's crucial to adopt measures to save electricity, not only to reduce our utility bills but also to contribute to environmental sustainability. Since our College building is covered with huge area having electrical connections not only for illuminating the rooms but also lot of scientific equipments including lightening of whole campus with light, hence large amount of electric energy is consumed. During 2021-22 we have audited the electricity consumption of our College and found its increasing trends. Thus, to reduce the consumption of electrical energy, our college generate awareness amongst students and other employees so that they can take necessary steps.

#### **Practices:**

1. Solar panels are installed in the College to generate 25 Units for reducing the electricity consumption.
2. Solar powered lights are installed to illuminate the campus.
3. CFL and LED bulbs are used for less consumption of electricity..
4. Electrical equipments are used only when necessary.

**Evidence of Success:**

1. Students & the staff are taking care of switching the electrical gadgets.
2. Amount of electricity consumption is decreased and as a result bill amount reduced.

**Problem Encountered:**

1. Some part of the College buildings are still in open wiring which is yet concealed.
2. Numbers of earthing pits are yet to increased.