

## **ACHIEVEMENT REPORT**

### **Green Campus Initiatives**

#### **Women's College, Tinsukia**

**Introduction:** Green Policy of the College along with yearlong initiatives undertaken (Action Taken) under the Green Policy has resulted in the following developments that can be categorized as achievement of the dedicated entities of the institution towards creation of a Green Campus, which in turn ensures our contributions towards Environment Protection.

#### **Visible Achievements/ Changes towards Green Campus against each Green Practice:**

- 1. Go For Green (Zero Emission Day):**
  - ❖ This has resulted in inculcation of environment Awareness among all stakeholders of the College.
  - ❖ As a result of discarding of Diesel and Petrol vehicles for conveyance by every members of the institution, there has been a reduction in emission of CO<sub>2</sub> emission to the environment, which is a great contribution of the college towards a pollution free environment.
  - ❖ As Diesel generators are kept in Shutdown condition for that day, there is no emission of harmful CO<sub>2</sub> to the environment.
- 2. Non-Polluting Electricity Backup systems:** On any other normal day (apart from the Zero emission day) when there is power cut, instead of using the diesel generator sets we use our digital inverter sets to serve the purpose of electricity backup. These digital inverters are non-polluting devices.
- 3. Reduction of Electricity Consumption:** In the period 2021-2022 itself the college has purchased **76 numbers of LED bulbs and 90 numbers of LED Tube lights** to replace its existing CFL bulbs and Tubes (as per records in our Stock Registers).
  - ❖ These LED lights are definitely going to reduce electricity consumption in comparison to the old CFL lights.
  - ❖ Longevity of the LED bulbs would result in reduction of e-waste production in the college in years to come.

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4. **Advancement of working hour:** The office staffs get a calm atmosphere in the morning at the office staff to work with (as the rush in the office starts from 10.30 AM). Due to advancement of working hour, the assigned jobs could be completed by 4-30 every day. Hence without putting on the lights the daylight could be utilized to the optimum.

5. **Maximize use of Solar Powered energy:**

- ❖ The provision for budget allocation for “Solar Energy augmentation” has ensured a smooth transition of the college from Conventional Energy Source to Renewable Energy Sources.
- ❖ It is expected that in years to come, the institution will be dependent exclusively on renewable energy source.
- ❖ Uses of Solar lights have resulted in reduction of electrical bills from the APDCL, the marketing agency of electricity in Assam.

6. **Observation of World Environment Day:**

- ❖ The College, by the virtue of its huge amount of paper use puts enormous pressure on the environment as the amount of paper it uses is equivalent to cutting of 43 numbers of full grown trees per annum. World environment day provides us with one grand opportunity to reflect upon our negative impact on the environment and it makes us aware of the need for plantation. Each year, on this occasion the college undertakes large scale sapling plantation program.

7. **Dedicated Teams/ Club/ Units for the cause of Environment Protection:** The college administration, as a part of its Green Policy has created a number of groups/ Units/ Clubs exclusively dedicated to the cause of Environment related issues. These units have also been taking initiatives to ensure that the Green Campus Policy of the College is well and truly implemented.

- ❖ **NSS:** There are two Units of NSS in the college with its 200 dedicated volunteers towards environment protection have been doing great services in the form of street plays, door to door awareness campaigns, cleanliness drives in and around the campus, collection of plastic wastes for the Integrated Solid Waste Management System of the college, sapling plantation drives etc.
- ❖ **Eco Club:** There is an Eco Club in the college. With its student members and the teacher coordinator the club has been doing works exclusively towards environment protection.

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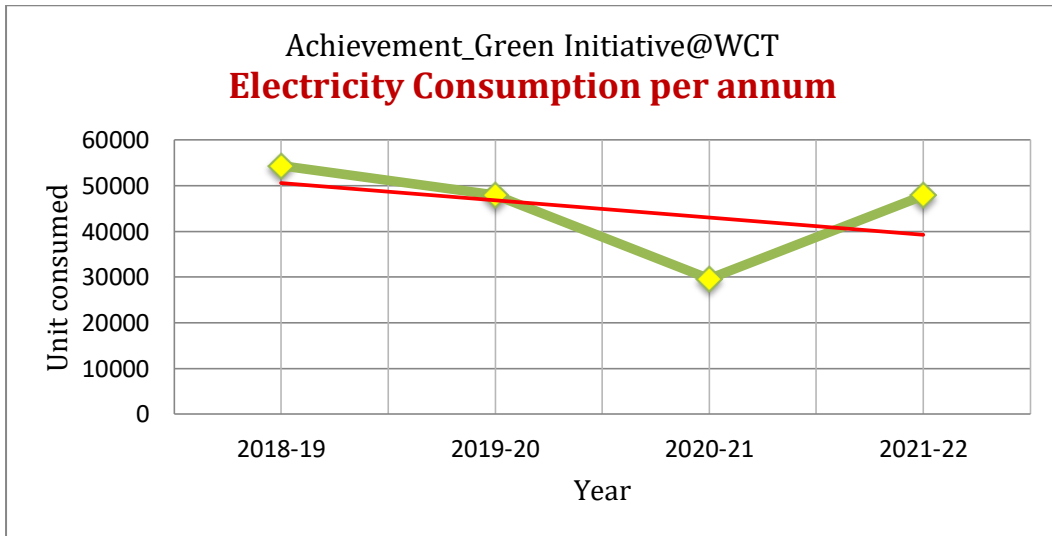
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Its activities are – sapling plantation, cleanliness drives, awareness programs throughout the year etc.

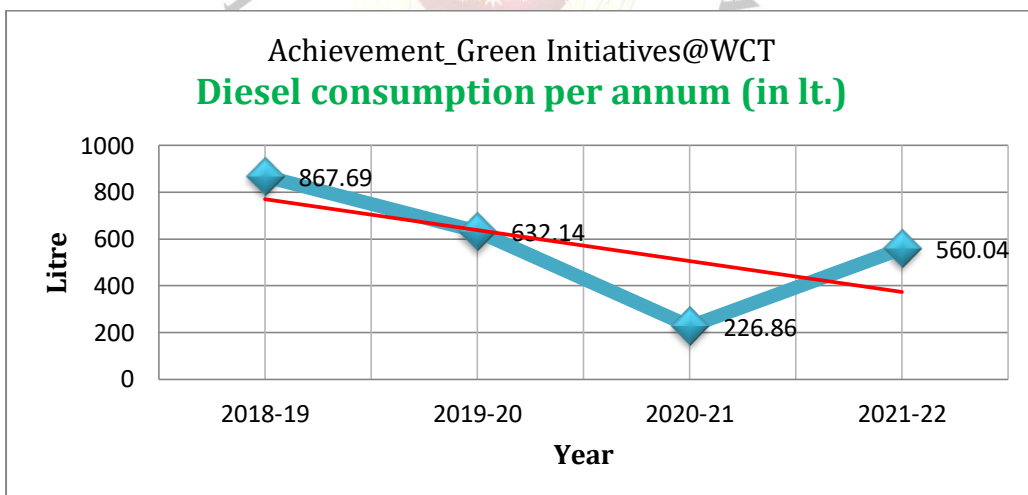
- ❖ **Green Warriors:** There is a team of green warriors in the college. The Principal, few office staff and some students are members (all volunteers) of the small team. The Green warriors are dedicated towards smooth running of the *Integrated Solid Waste Management System*. It collects non-degradable solid wastes (mostly single use plastics) from various locations of the town, segregate them in the designated place for it in the college and do the packaging for further processing/ recycling etc.




- ❖ **NCC:** The NCC cadets, though small in numbers, collaborates with the NSS and the college authority during every green campus initiatives viz. cleanliness drives, awareness programs, plantation etc.
8. **Cleanliness Drives at the weekend:** The cleanliness drives undertaken by the NSS on every Saturday has inculcated a sense of responsibility on every stakeholders' mind regarding the necessity of having a clean environment. This, together with relentless efforts from the authority has resulted in a clean campus for our college, which every member is proud of.
  9. **Decrement in Electricity Consumption:** Green practices (No. 3, 4 & 5) in the college have resulted in gradual decrease in electricity consumption by the institution as can be seen from the following graph and associated trendline (data obtained from Green Audits conducted by the college).



10. **Decrease in consumption of diesel fuel:** Green practices (No. 1,2,4 & 5) adopted in the college have resulted in gradual decrease in diesel consumption by the institution as can be seen from the following graph and associated trend line (data obtained from Green Audits conducted by the college)



  
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