



# CHANDIDAS MAHAVIDYALAYA

## The Green Committee



### Brief report on the facilities provided

In the college various measures have undertaken to make the campus greenery, neat and clean. The measures adopted in the campus are discussed as below: -

#### **Introduction:**

**Chandidas Mahavidyalaya** is a rural college. The management of the college is always concerned on the environmental degradation like pollutions, climate change, greenhouse effect, energy crisis, depletion of natural resources, biodiversity loss, air pollution, water pollution, soil pollution, etc. We all know the severity of the consequences of these environmental problems. In such a pretext it is very imperative for us to meticulous planning in respect of generation of awareness and pinpoint measures in the practical field and thereby to address sustainable development. It is obvious to admit that higher education institution has a pivotal role in such an environmental crisis. There is specific subject-curriculum in teaching and learning but along with this there must have sustainable and model practices. Young pupil of the higher educational institutes is the guide of the future and therefore they have to have adequate knowledge with mental orientation through green practices and its approaches.

With a view to inculcate this idea in young minds and to apply the idea into action college has effectively implemented the following measures: -

#### **Campus greenery:**

Inside the college campus there is a well-maintained **landscape garden** (about 10,000 square feet) comprising numerous small trees, shrubs and several ornamental and decorative plants.

College has also nurtured two (02) pockets of **Herbal/Medicinal Garden** with various regional as well as non-regional medicinal plants.

The college also maintains **Vegetable Garden** without using any pesticides & chemical fertilizer but only with organic manure.

A **Rose Garden** is also maintained accommodating more than hundred rose plants with enormous varieties.

  
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A **Dessert rose** (*Adeniumsp*) garden is also there beside the normal rose garden. It has been planted on roof top of a big water-reservoir of nearly 800 sft.area.

In this garden-zone birds of various species are often spotted.

Green committee of the college separately maintained a fruit garden at one of the corners of the garden.

### **Maintenance of the garden:**

College's **NSS volunteers** along with **volunteers of Eco-club** maintain the garden. They actively and timely water and prune.

### **Conduction of Green Audit:**

College audits of total green belt along with environmental aspects of the campus in every year with help of **University's Green Audit team**. It is done with the object of sustainable management of green resources.

### **Cleaning the college campus:**

**NSS volunteers** of the college clean the college campus at a certain interval as a part of their Regular activities with the help of college's deployed one temporary staff.

College celebrates a compulsory "**Campus Cleaning Day**", on the day before the celebration of "**World Environment Day**".

**Drainage system:** The college maintained clean and well-connected concrete drainage system inside the college premises and it is well connected with the outer drain. It is well maintained to ensure no water stagnation.

**Interdepartmental cleaning contest:** An interdepartmental cleaning context is organised by the college on the day before Mahatma Gandhi's Birth Day and observed as "**The Gandhi Purnaha**". All members of the college including all the Teachers, Staffs and Students participate in the programme. After the programme, the best "cleaned department award" is conferred by the College.

### **Rain water harvesting and water recharging:**

College has a Rain water harvesting management with a proper concrete drain to the agricultural field via a community's water body. Also, there is water recharging unit with a bored well of nearly 190ft. and water is reached to 1<sup>st</sup> aquifer. A big water reservoir is also there for the purpose of rain water storing and subsequently for harvesting in watering in the garden and overflowed water is released via concrete drain connected to the community's pond.

  
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## **Creating plastic free campus:**

The college is plastic free campus. The college canteen has strictly been instructed to use only bio-degradable cups and plates and to use separate bins with a view to dump bio-degradable and non-bio-degradable wastes separately.

The members of the Green Committee and Eco-club volunteers regularly sensitize the staffs, students and others of the college not to use of plastic.

In various part of the campus there are many displays board citing **“It is Plastic Free Campus”**

## **Smoking and chewing free campus:**

The college is also smoking free campus. It has banned use of all types of tobacco items in the college premises. There are many display board warning the message **“It is Smoking Free Campus”**

## **E-waste management:**

**Collection and disposal:** The E-waste materials are centrally collected from all of the departments, Class rooms and offices and kept all of these in the appropriate designated room to sell them to **ALAM ENTERPRISE, Nutanhat, Mongalkote, East Burdwan,** a local agency, for its proper management in accordance with the agreement with them.

## **Paper waste management:**

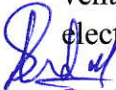
The college collects waste papers from all of the departments, classrooms, library, office etc. and finally sell the accumulated waste papers to the local vendors for its reuse and recycling.

## **Solid waste management:**

Other than **E.waste and Paper waste** other solid garbage like building debris, unused building materials and non-bio-degradable waste usually removed from the college campus by Local Panchayat in pursuing a MOU with them.

## **Arrangement of cross ventilation to ensure sufficient natural light and to minimize use of electricity:**

All classrooms are well fitted with 04 to 8 large windows and there by ensure cross-ventilation to make these rooms airy and sunny and resultants of which to minimisation of electricity consumption.

  
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## **Using LED lamps:**

In compliance with the advice of the **Green Committee and University Audit panel** all the florescent bulbs and CFL bulbs have been replaced with LEDs since 2018-2019.

## **Use of energy efficient fans, air-conditioner, refrigerators etc.**

In accordance with the resolution adopted in the **Green Committee** all electrical appliances of the college are of energy efficient.

## **Installation of solar panels:**

The college has installed **Solar panel** on 09.08.2017 (the date of handover of the project) with the patronage of the Government on the rooftop of the main building to minimize consumption of normal electricity and less dependence on colloquial electric system.

## **Hazardous liquid waste management:**

College has **built soak pit** to push hazardous liquid waste into the soil. Also there is isolated **concrete and covered pocket** to channelize chemical waste of Chemistry lab. through pipeline. It's ultimately treated with charcoal and lime to destroy its reactivity.

## **Short-circuit & Water linkage Management:**

According to the suggestion of **Green Committee of the college and Audit panel of the University**, all electric and plumbing lines are regularly maintained and monitored to avoid any type of mishap caused by short circuit or like this. The Convener of the Green Committee keep vigils to avoid unnecessary use of electricity, water leakage and water dropping in anywhere of the college campus.

## **Sensitisation of the students and other staff of the college:**

Various sensitisation programme on energy conservation, water conservation, environment pollution, solid hazards management, environmental degradation etc. are organised in collaboration with the Green Committee and NSS Units of the college. Sometimes outside resource persons are also invited for.

## **Awareness on misuse of electricity:**

All stakeholders comprising students, NTS teachers etc. are made aware to advising them to switch-off of all electrical appliances when not in use. In this respect advice message stating

  
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in board “**Pl. switch off fans and light when not in use**” are displayed in various corner of the campus. In almost all rooms there are **master switch connection point**.

### **Conversion management of organic waste into bio-compost:**

The college has bio-composting unit where all organic waste including canteen wastes are dumped and subsequently treated with lime to convert it into manure.

### **Vermicomposting:**

Recently the college has taken initiatives on vermicomposting unit with appropriate infrastructure.

### **Mushroom cultivation:**

College’s Green Committee also started mushroom cultivation in a proper way.

### **Observance of World Environment Day, Earth Day, Non-vehicle day, Plantation Day etc:**

Every year Green Committee and NSS Units of the college celebrate World Environment Day, Earth Day, Plantation, Non-Vehicle Day etc. throughout the year. The NCC Unit of the College also celebrate plantation Day on 15<sup>th</sup> August as a part of observance of Independence Day.

The Eco-club and NSS volunteers mainly play a pivotal role in plantation throughout the year inside as well as outside of the college campus.

As per the resolution of the Green Committee the College observed **No Motor Vehicle Day** on 25<sup>th</sup> days of every month for greater cause of our Environment. In this context all teachers, non-teaching staffs and students are requested to attend the college avoiding any type of personal/sharing motor vehicles.

  
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