

Dr. Khatri Mahavidyalaya Tukum , Chandrapur

A Green Policy

The Arts, Commerce and Science College, Tukum, Chandrapur, begins from the session 1991-92, with the discipline of Arts, Commerce and Science. This is a college of co-education affiliated to Gondwana University, Gadchiroli and recognized by Government of Maharashtra. The College is included under section 2(f) of UGC and NAAC accredited. The name of our college has been changed from the session 2021-22 and now it is known as Dr. Khatri Mahavidyalaya, Tukum, Chandrapur.

The concept of clean and green campus incepted from the beginning of the college. Plantation is the Continuous process with the judicious use of natural resources. We firmly believe in conserving water on campus through pumping, using, disposing and harvesting. Large area of the college is covered with green trees, part of the area is used for rain water harvesting, the green cover has been the habitat for birds and mammals.

Scope of the Policy

The policy will be implemented with current practices and results in the coming days. The key theme of this policy is the participation of all stakeholders in the implementation of policy components.

The main areas covered by this policy are:

- Tree plantation drive
- Water utilisation
- Rain water harvesting
- Solid waste management
- Liquid waste management
- Plastic free campus
- Composting
- Estimation of tree biomass
- Air Conditioners condensed water as laboratory water
- LED Lighting
- Environmental Awareness
- Environment-centric Department Activities
- Green Audit

Objectives of the Policy

- Preservation and protection of the environmental system inside the campus
- Utilisation of all resources in a wise manner
- Integrate environmental components into sustainability policies

- Working together to adopt green practices
- Monitor the campus environment for the purpose of measuring tree biomass.
- Reduce the consumption of energy, water, recycle and reuse of water.
- Undertake initiatives on campus that are free of plastic.
- Conduct environmental and energy audits from time to time
- Initiation of E-services within college campus

Policy

Clean Campus drive

We at Dr. Khatri Mahavidyalaya, Tukum, Chandrapur are committed to adopt cleanliness practices in and outside the campus. The wider area are as follows

1. Massive awareness among stakeholders about cleanliness
2. Staff members will be influenced in cleanliness drive
3. Events such as celebration of environment awareness related days will be organised.
4. Implementation of solid waste management practices
5. Construction of rainwater harvesting structure in the college premises and its awareness outside the campus

Landscaping

Landscaping is important in overall campus land use pattern for maintaining social, aesthetic and environmental qualities. There are more than 69% of tree cover in the college campus, which provide more than 1200 students and staff with the aesthetic environment. The College campus is a habitat for trees, birds and butterflies. Our endeavour is to preserve biodiversity of the campus by awareness about environment, plantation of trees in and outside campus area.

Infrastructure

- **Energy Efficient Equipment:** LED is a highly energy saving lighting technology uses at least 75% less energy, and last up to 25 times longer, than incandescent lighting. We are committed to using LED lighting in all establishments in the campus.
- **Rainwater Harvesting System:** Rainwater harvesting is an important for the groundwater recharge. The Rainwater harvesting structure is constructed in the college campus, which, is useful to capture rainfall and recharge the ground water.

Waste Management

Waste management is important to keep the campus area neat and clean and environmentally friendly.

Solid Waste Management

- Paper is collected from the campus and finally put into the dustbin.
- Emails and other e-resources are used to disseminate the information.

We take initiatives to spread awareness about environment preservation in the campus by

- Environmental awareness programs in the college campus

Liquid Waste Management

- Waste water generated through the tap is utilised in the campus by application to soil.
- Waste water generated in the laboratory is diluted first with raw water and then drain in sewerage channel.
- Wastewater generated by the Reverse Osmosis (RO) system is discharged in the rain water harvesting pit.
- Condensed water from an air conditioner is used effectively in the laboratory.

E-Waste Management

E-Waste generation in the college campus is minimum in quantity and waste is handed over to the local scrap picker.

Environmental Awareness

Environmental awareness can help to promote the use of renewables and reduce energy consumption for long-term growth. The college organises cleaning drives and provides information through the Talking Tree app

- The College beautification committee works to involve all the stakeholders in cleanliness drive, routine monitoring of trees, monitoring of rainwater harvesting structures, composting pit.

Green Audit Report (GAR)

We perform GAR on a regular basis as a tool for determining a future course of action. It is useful for determining energy consumption, saving, water use and recycling, solid and liquid waste generation and management, and composting of tree litter. The estimation of tree biomass is an important variable for evaluating the trees' carbon sequestration and carbon capturing capacity. On campus, tree girth measurements are taken every year

Smoking Free Campus

Tobacco use and smoking are strictly prohibited on campus, according to Indian government guidelines

Plastic-Free Campus

Plastic Free Campus refers to initiatives that reduce plastic generation and use in order to maintain a plastic-free campus. The success of these initiatives is based on raising awareness through a display board and involving all stakeholders.