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PRINCIPAL

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Anekant Education Society's

TULJARAM CHATURCHAND COLLEGE

of Arts, Science and Commerce, Baramati - 413102.

Dist. Pune. Maharashtra, India.

Empowered Autonomous Status

Religious Minority Institute

NAAC Reaccredited 'A+' Grade, CGPA 3.55

NAAC-SSR

Cycle IV

2019 - 2024

Criterion VII: Institutional Values and Best Practices

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Best Practice I: Green Initiatives

SOLID WASTE MANAGEMENT

❖ Waste Management:

The college has implemented a comprehensive waste management system that emphasizes the reduction, reuse, and recycling of waste. Effective waste management is crucial for maintaining environmental sustainability and ensuring community health. Students are actively involved in these efforts, and waste management has been integrated into the academic curriculum. Below is an overview of handling of various types of waste.

❖ Solid Waste Management:

In the solid waste there are two types of waste:

- Dry Waste
- Wet Waste

Dry Waste Management:

The college has a MoU with the local municipality for segregating, collecting, transporting, treating, and disposing of solid waste. The college has made available the Penguin-dustbins to collect plastic and garbage in the key-places like girls' waiting room, administration building, girls' hostel, Auditorium, etc. Non biodegradable materials such as plastic wrappers and bags, broken glass pieces, dishes, etc and Biodegradable materials such as paper cups, paper dishes etc. are collected by the waste pick-up van from Baramati Municipal Council. The college has an agreement with local scrap dealer for collection and disposal of waste papers, plastic scrap and other waste materials.

Wet Waste Management:

Wet Waste especially from Canteen and Mess kitchens, such as vegetable refuses; food scraps etc. are disposed-off in biogas and Vermi-compost plant.



BIOGAS PLANT

As a part of kitchen waste management plan a biogas plant has been set up in the campus. Its processed capacity is 150 kg kitchen waste per day and its gas generation capacity is 45kg per month.



Biogas plant at Girls Hostel



Biogas plant with gas generation capacity of 45 kg per month



VERMI-COMPOST PLANT

Vermi-compost unit is developed and monitored by the department of Botany. The garden and laboratory waste is used to feed the earthworms. Vermi-compost produced in the unit is used as a fertilizer for the plants and trees in the college garden. It helps to keep the campus eco-friendly.



Vermi-compost plant in the college



Vermi-compost plant shed in the college



MoU with Baramati Municipal Council

The college has established a Memorandum of Understanding (MoU) with Baramati Municipal Council for collecting solid waste from the college campus and generating awareness among the students about solid waste management as an effort to protect the college campus and conserve its environment.



Collection of dry waste from the college campus by Baramati Municipality workers



Dry waste like plastic, papers is being collected regularly by BMC

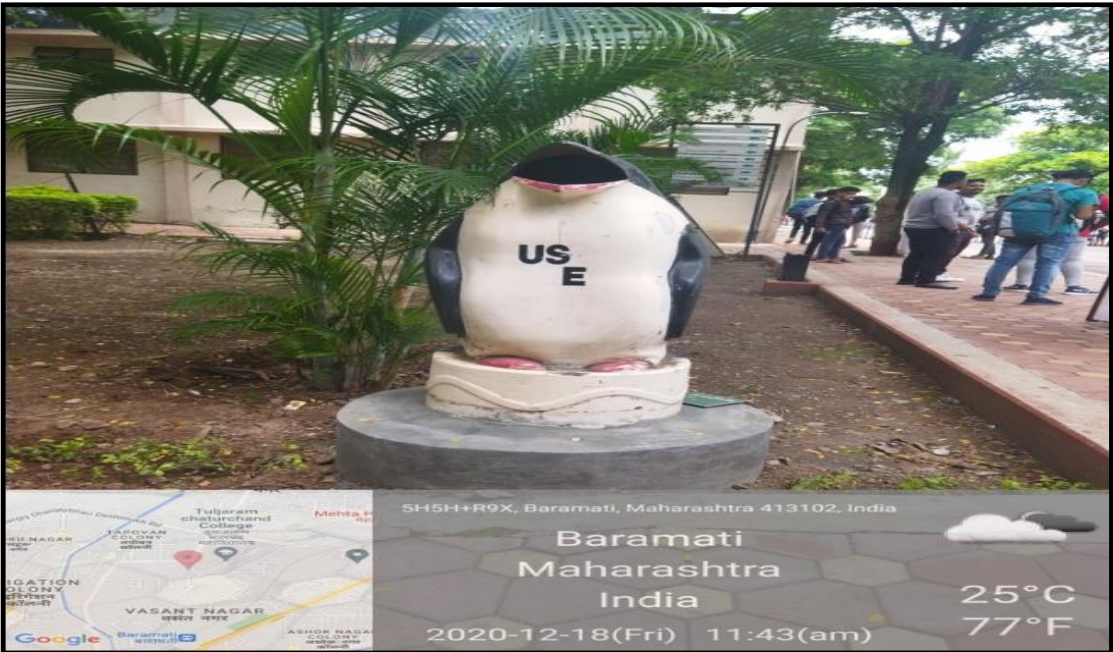


PLASTIC COLLECTION BINS

The college has installed smart bins in various corners of the campus. These bins are labeled properly for discarding the paper and plastic trash.



Installation of coloured bins for trash collection



Installed bin for waste papers and plastic scrap disposition



Principal
Tuljaram Chaturchand College
Baramati