

## 4.5 Green and Clean Campus:

### (i) Green Initiatives of the Institution (at least 3)

The college has established comprehensive policies aimed at creating a clean, green, and environmentally responsible campus. In accordance with these guidelines, the institution is committed to:

- Maintaining a clean, green, eco-friendly, and **smoke-free** campus
- Reducing overall energy consumption
- Properly managing liquid and solid waste
- Promoting environmental awareness and educating students about pollution control
- Ensuring the campus canteen follows sustainable practices by **prohibiting packed food items**, thereby reducing plastic and non-biodegradable waste

The campus remains pollution-free and provides an atmosphere that fosters close interaction with nature. Initiatives such as tree plantation drives, regular garden maintenance, and the enforcement of smoke-free and low-waste practices demonstrate the institute's steady progress toward its goal of achieving a fully sustainable and green campus.

#### A. BOTANICAL GARDEN ([https://www.vgcmandi.co.in/Botanical\\_garden.aspx](https://www.vgcmandi.co.in/Botanical_garden.aspx))

A botanical garden has been developed within the college campus, where a wide variety of herbs, shrubs, and trees are cultivated. Ornamental plants such as *Hibiscus rosa-sinensis*, *Hibiscus mutabilis*, shoe flower, *Dracaena*, *fish tail palm*, *Poinsettia*, and *Thuja* enhance the aesthetic appeal of the garden. In addition, economically important plants like wood apple and Indian gooseberry have also been planted.

Seasonal annual flowering plants are grown as per their respective flowering periods. A well-maintained herbal garden with proper labelling of all plant species has also been established. Flowers and floral parts from these plants are utilized for practical classes. A polyhouse is available for the maintenance of indoor plants.

To protect certain plants from outsiders and monkeys, fencing has been provided. A permanent Mali has been deputed for the regular upkeep of the garden, and students of the Botany Department actively contribute to its maintenance and overall management.



## **B. VERMICOMPOST**

A dedicated vermicomposting unit has been established on the college campus near the girls' hostel and is strategically located for easy access from the canteen, ensuring efficient collection and processing of food waste generated by cafeterias and other campus facilities. This initiative helps in the systematic management of biodegradable waste and significantly reduces the quantity of waste being sent to landfills.

To strengthen awareness and participation, regular workshops, demonstrations, and informational sessions are conducted for students, teaching and non-teaching staff. These programs highlight the importance and benefits of vermicomposting, including waste reduction, recycling of organic matter, improvement of soil fertility, and promotion of eco-friendly practices.

The vermicompost produced through this unit is effectively utilized in the campus gardens and green spaces, thereby supporting sustainable gardening and landscaping practices. This initiative also provides students with valuable hands-on experience in waste management and environmental conservation, fostering a sense of responsibility towards sustainability and ecological balance.

## **C. TREE PLANTATION DRIVES <https://www.vgcmadi.co.in/NSS.aspx>**

Tree plantation is a key environmental initiative undertaken by the college to promote ecological awareness and sustainability among students while enhancing the green cover of the campus. Trees play a vital role in maintaining environmental balance by absorbing carbon dioxide, releasing oxygen, reducing air pollution, and helping to mitigate the adverse effects of climate change. In addition, they provide shade, regulate temperature, improve air quality, and create a calm and healthy atmosphere that supports teaching, learning, and overall well-being.

The college consistently promotes tree plantation through a variety of activities such as awareness lectures, seminars, road rallies, and campus-wide plantation drives. Saplings are distributed to students, staff, and members of the surrounding community to encourage participation beyond the campus. Students from various units and clubs, including NSS, NCC, Eco-Clubs, as well as Campus Cleanliness and Beautification Clubs, actively participate in these initiatives, making tree plantation a collective and inclusive effort.

Along with plantation activities, these clubs also contribute to maintaining campus cleanliness, landscaping, and beautification through regular cleaning drives and upkeep of green spaces. Through such sustained efforts, students develop a strong sense of responsibility toward nature, cleanliness, and sustainable living. These initiatives not only help in creating a cleaner, greener, and more aesthetically pleasing campus but also instill long-term values of environmental stewardship and civic responsibility among students.



**(ii) Cleanliness in washroom, buildings/ campus ;**  
<https://www.vgcmandi.co.in/gallery.aspx>  
<https://www.vgcmandi.co.in/gallerydetail.aspx?catg=Cleanliness%20drive%20inside%20college%20campus%5B2024-25%5D>

Washrooms on the campus are cleaned multiple times daily by dedicated staff, ensuring consistently high standards of hygiene. They are well-stocked with essential supplies such as soap, toilet paper, and hand sanitizer at all times. Routine inspections are conducted to monitor cleanliness, with immediate corrective measures taken if any issues are identified. All ladies' toilets are equipped with sanitary pad vending machines and incinerators to promote hygiene while minimizing environmental pollution.

Washrooms are strategically located across the campus to ensure easy accessibility for all students. Clearly labelled bins for sanitary and general waste are provided, with regular disposal schedules in place to prevent overflow. Maintaining these high standards of cleanliness in washrooms and facilities significantly enhances the overall campus experience and reflects the college's commitment to student well-being.

In addition to washrooms, regular cleaning schedules are implemented for classrooms and other areas of the campus. Hand sanitizers are made available, and proper waste disposal bins are installed throughout. Grounds keeping staff maintain lawns, gardens, and other green spaces, contributing to a clean and pleasant environment.

Furthermore, a Campus Cleanliness and Beautification Committee has been constituted to oversee the overall cleanliness and upkeep of the campus. The committee, comprising selected staff members and students, regularly monitors all areas of the campus and addresses any issues promptly, ensuring a safe, clean, and aesthetically pleasing environment for eve



**CLEANING AT SCIENCE BLOCK**

