



GARGI EDUCATION INSTITUTE'S GARGI AGRICULTURE RESEARCH AND TRAINING INSTITUTE NASHIK.

Asia's First Wine, Brewing and Alcohol Technology College

Affiliated to Savitribai Phule Pune University (Institute Id No.
PU/NS/C/149/2009)

Approved by Government of Maharashtra, Accredited By NAAC
ISO 9001:2015 Certified



7.2 - Best Practices

7.2.1 - Describe two best practices successfully implemented by the Institution as per NAAC format

Best Practice I: Environmental Awareness

1. Title of the Practice: Environmental Awareness

2. Objectives of the Practice:

The primary objective of this practice is to raise awareness about the importance of environmental conservation and preservation among students, staff, and stakeholders by fostering a deep understanding of sustainable practices, encouraging responsible resource use, and promoting eco-friendly behaviors to protect the environment for future generations.

3. The Practice: The Garti college is committed to fostering an environmentally conscious community through the adoption of sustainable practices and resource conservation. The college's *Green Policy Document* aims to guide all stakeholders in reducing environmental impact, promoting efficient resource use (energy, water), and maintaining a clean and green campus. Key initiatives include:

i. Awareness Programs and Campaigns

- **Awareness Drives:** The institution organizes various environmental awareness drives, such as *Plastic Collection Drives* and *Cleanliness Campaigns*, to engage the campus community in keeping the environment clean.
- **Conferences, Seminars, and Workshops:** These events bring experts to share insights on sustainability and environmental protection, encouraging both students and staff to adopt eco-friendly practices.

ii. Sustainable Resource Management

- **Solar Power Generation Plant:** The college has installed a solar power plant that contributes to reducing dependence on non-renewable energy sources, aligning with the institution's goal of energy conservation.





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- **Water Conservation Measures:** The college employs rainwater harvesting systems, drip irrigation for plant watering, and efficient plumbing (leak-free pipelines and e-toilets) to ensure sustainable water usage.

iii. Waste Management and Recycling

- **Zero-Waste Goal:** The institution strives to become a zero-waste campus through the *Reduce, Recover, Recycle, and Reuse* policy. Waste management strategies include:
 - **Biodegradable Waste:** Dried leaves and food scraps are processed into compost, which is used to nourish campus plants.
 - **Sanitary Waste Disposal:** Eco-friendly sanitary pad disposal machines are installed in girls' toilets for responsible disposal.
 - **Recycling Lab Chemicals:** Alcohol from student projects (e.g., distillation of wine, beer, and liquor) is repurposed for laboratory activities, such as burner stoves, sanitizers, and ebullimeters.
 - **Waste Paper Recycling:** Paper waste is repurposed for internal use (e.g., drafting, office needs) to reduce overall paper consumption.

iv. Sustainable Mobility

- **No Vehicle Day:** To reduce carbon emissions and encourage sustainable transport, the institution observes a *No Vehicle Day* on the first day of every month. Students and staff are encouraged to carpool, use public transportation, or opt for bicycles and electric bikes, which are exempt from parking fees.

v. Tree Plantation and Green Initiatives

- **Tree Plantation Drives:** The college regularly organizes tree planting activities to enhance greenery on campus, thus improving air quality and contributing to ecological balance.

vi. Waste Segregation and Disposal

- **Dry and Wet Waste Separation:** Separate bins for biodegradable (wet) and non-biodegradable (dry) waste are placed across the campus to ensure efficient waste management.
 - **Biodegradable Waste:** Food scraps, paper, and cotton waste are collected and processed for composting.



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- **Non-Biodegradable Waste:** Plastics, metals, and other non-degradable materials are collected separately and disposed of responsibly through external waste management services.

vii. Other Notable Initiatives

- **No Plastic Policy:** The college strictly follows a *No Plastic* policy, reducing plastic consumption and promoting sustainable alternatives across campus.
- ~~**Sustainable Toilet Solutions:** E-toilets and leak proof plumbing systems are part of the campus's water conservation efforts.~~

The institution's focus on environmental awareness and sustainability practices demonstrates its commitment to preserving the environment for future generations. By engaging students, staff, and the community, the college plays a pivotal role in contributing to environmental conservation while promoting the values of sustainable development

Best Practice II: Popularizing Science to Develop Scientific Temper and Critical Attitude

1. Title of the Practice: Popularizing Science to Develop Scientific Temper and Critical Attitude

2. Objectives of the Practice:

- Foster the development of scientific temper and analytical thinking among students, faculty, and the community by introducing them to various scientific concepts, principles, and applications.
- Offer opportunities for students to participate in hands-on scientific activities, experiments, and projects, enabling them to acquire practical skills and connect theoretical knowledge to real-world challenges.
- Make science more accessible and meaningful to the wider community, including individuals from diverse backgrounds, by hosting outreach programs, workshops, and events that highlight the relevance of science in daily life.
- Cultivate critical thinking and problem-solving abilities in students by encouraging them to question, analyze, and evaluate scientific information and apply scientific principles to tackle real-world issues.





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3. The Practice:

- The need to perform scientific experiments as hands-on-activity, using easy to understand methodology to inculcate interest in science. The purpose is to ignite curiosity in young minds and to overcome fear and exploitation by dispelling superstition and blind faith. Students coming from diverse background need exposure to scientific theories. Many students find it difficult to cope with the advance levels of science only through reading or lectures. Hence, the practical application of theoretical knowledge becomes necessary in order to generate and sustain interest among students. The Practice, therefore, is appropriate as it aims to orient students about sciences through simple, day-to-day and practically-oriented activities.

**Principal
Gargi Agriculture Research
& Training Institute**