



Govt. Niranjana Kesharwani College, Kota
Dist.-Bilaspur (C.G.)

NAAC accredited B+ grade (Cycle-III) with CGPA 2.60 in November 2022

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College Code : 2809

AISHE Code : C-22387

Best Practices-I

7.2.1 Title of the practices – Tree Plantation Drive

Goal – To sensitize, encourage and engage students, staff, all stakeholders of the college and community about scientific tree plantation for increasing green coverage.

The Context – Tree plays a scientific role in maintaining equilibrium of the environment. Many ecological processes like rainfall pattern, monsoon cycle, soil cover, balancing the level of greenhouse gases and oxygen production are governed by trees. Vegetation protects wildlife and provides habitats. Besides, trees have social, spiritual, commercial, medicinal significance.

The Practices – Initially an interactive meeting of forest officers with the principal of all colleges in the district was held in which our college decided strategies of tree plantation. In response to this the college planned to carry out a tree plantation drive every year in the rainy season. Every year about 100 saplings are planted and maintained.

The exotic plants are a threat to native plants because of the rapid spread. Students of the Botany department have measured the tree growth parameters on a monthly basis to build data for the first three years of the tree life.

A variety of plants like Cactus, Success lent Fern, government medicinal and aromatic etc are grown in the college campus. Some common fruiting trees like mango, coconut, fescues etc are planted in the campus which provide food and shelter to

many species of birds. Students are actively involved in growing and maintaining the plants.

All the plants in the campus are tagged with their botanical name as well as common name.

Evidenced Success – The college campus features a diverse range of plant species, highlighted by the Botanical Garden HARITIMA, which is supervised by the Department of Botany. The campus includes a medicinal plant garden and other landscaped areas with hedges.

Best Practices – II

1. **Title of the practice** – Medicinal Plant Garden
2. **Objective of the practice** – Facilitating students and employees of the college to learn about various plants and herbs having medicinal properties.
3. **The context** – Botany students have to study “Plant Systematic and medicinal and Ethno-botany. Hence the present of a medicinal plant garden supplemented their theoretical knowledge of this portion of the syllabus.
4. **The Practice** – Government Niranjan Kesharwani College, Kota maintained the Botanical Garden “HARITIMA” situated at the front of the campus. Teachers and students of the college have studied the composition of plant diversity and identified the individuals out of the 130 plant species here. 65 plants are medicinal herbs.
5. **Evidence of success** – The diverse flora harbors a variety of animal species including pollinators that help to sustain ecological balance in the highly polluted Kota region, where the college is located. The presence of medicinal herbs adds to its scientific and social importance.
6. **Problem encountered** – There is no problem in maintaining these herbal plant gardens as there is enough space inside the college campus to grow these plants. The maintenance of the garden is not expensive, but creating awareness continuously about the uses of these plants among the students is a bit difficult particularly for the Arts and Commerce students. But this

problem has been overcome by generating interest among the students about the utility of the plants.



Benjamin

प्राचार्य

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