

BEST PRACTICES



Establishment of
Ayush Herbal Garden
In Govt. College Sangraha, Sirmour

**Ayush Herbal
Garden
Estb. In 2022-23**



Government College Sangrah, located in the scenic district of Sirmaur, Himachal Pradesh, is a prominent institution committed to providing quality higher education. Established to cater to the educational needs of the region, the college serves as a hub for academic excellence and holistic development. Nestled amidst the serene Himalayan foothills, the college offers a conducive environment for learning and personal growth. It is affiliated with **Himachal Pradesh University**, Shimla, and follows its guidelines to deliver undergraduate programs in arts, commerce, and science streams.



Introduction

- ❖ The initiative to create an herbal garden at Sangrah College was undertaken to promote sustainable development, enhance biodiversity, and provide practical learning opportunities for students. The work started in the session of 2022-23 and completed in the session of 2023-24
- ❖ This project aims to cultivate a variety of medicinal and aromatic plants, which are not only ecologically beneficial but also serve as a resource for education, research, and community well-being.



Objectives

- ❖ To encourage awareness about the importance of medicinal plants in health and wellness.
- ❖ To create a green space that enhances the aesthetic appeal of the college campus.
- ❖ To provide hands-on experience for students in horticulture and plant management.
- ❖ To contribute to the preservation of rare and endangered herbal species.



Planning and Execution

Site Selection:

- ❖ A patch of land measuring approximately 30x10 meter was identified within the college premises for the herbal garden. The site was chosen for its proximity to water sources and adequate sunlight.

Preparation of the Land:

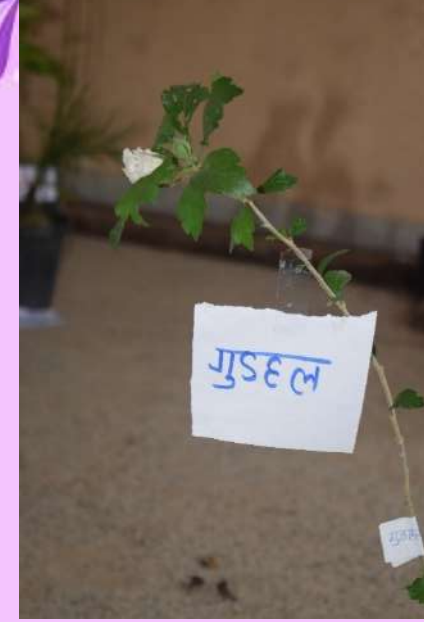
- ❖ The land was cleared of weeds and debris. The soil was tested for fertility and treated with organic manure to enhance its nutrient content.



Plant Selection:

❖ Based on climate suitability and medicinal properties, the following plants were selected:

- ❖ Gurhal
- ❖ Red Rose
- ❖ Almada
- ❖ Golden Rover
- ❖ Mahua
- ❖ Sehjan
- ❖ Turmeric



Plant Selection:

- ❖ Based on climate suitability and medicinal properties, the following plants were selected:
- ❖ *Chanaar*
- ❖ *Conoca purse*
- ❖ *Kadam*
- ❖ *Bleeding*
- ❖ *Chndan*
- ❖ *Saawani*



Plant Selection:

- ❖ Based on climate suitability and medicinal properties, the following plants were selected:
- ❖ *Fenix grass*
- ❖ *Harad (haritaki)*
- ❖ Ashwagandha
- ❖ Jerenium
- ❖ Madhukamini
- ❖ Baaraahmaasi nimbu
- ❖ Haar shringaar



Plant Selection:

- ❖ Based on climate suitability and medicinal properties, the following plants were selected:
- ❖ *Aawanlaa*
- ❖ *Banana*
- ❖ *Rudraksh*
- ❖ *Avocado*
- ❖ *Gandhraaj*
- ❖ *Ingzora*



Plant Selection:

- ❖ Based on climate suitability and medicinal properties, the following plants were selected:
- ❖ *Kathal*
- ❖ *Guava*
- ❖ *Golden Cyprus*
- ❖ *Gulmohar*
- ❖ *Ponytail Palm*
- ❖ *Touch Me Not*



Plant Selection:

- ❖ Based on climate suitability and medicinal properties, the following plants were selected:
- ❖ *Tikoma*
- ❖ *Christina*
- ❖ *Jatrofa*
- ❖ *Lemongrass*
- ❖ *Bottle Palm*



Layout Design:

- ❖ The garden was divided into 04 sections based on the type and usage of plants (e.g., aromatic, medicinal, ornamental). All sections are given to NSS, NSS, ECO Club and Rover-Ranger Units.
- ❖ Pathways were created for ease of maintenance and visitor access.



Plantation Drive

Planting and Maintenance:

- ❖ The plants were sourced from local nurseries and planted during [specific planting season].
- ❖ A water pipe was installed to ensure water efficiency.
- ❖ Regular weeding, pruning, and organic pest control methods were employed for maintenance.



Outcomes

❖ Educational Benefits:

Students have actively participated in planting and caring for the garden, gaining practical knowledge about herbal medicine and sustainable gardening practices.

❖ Environmental Impact:

The garden has contributed to improved air quality and biodiversity on campus.

❖ Community Engagement:

The garden has attracted interest from local communities, promoting awareness about traditional herbal remedies.



Conclusion

The herbal garden at Sangrah College stands as a testament to the institution's commitment to environmental sustainability and holistic education. It serves as a valuable resource for students, faculty, and the community, bridging the gap between traditional knowledge and modern scientific research.



The background is a soft, light purple gradient. It is decorated with stylized, dark purple and magenta leaves and branches, some with small berries. The leaves have detailed vein patterns. Small, white, star-like sparkles are scattered throughout the background, adding a magical or celebratory feel. The overall aesthetic is clean, modern, and elegant.

Thank You