

Domkal Girls College

Report on

Herbal Garden Maintenance and Tree Plantation

Observation of World Environment Day on 05/06/2024

Domkal Girls' College has undertaken several initiatives to promote environmental sustainability and foster a green campus. Among these initiatives are the establishment of an Herbal Garden and tree plantation drive. Today (05/06/2024) on the occasion of World Environment Day, under the Chairmanship of Dr. Alak



Kumar Das, Principal of Domkal Girls' College, under the initiative of Abdullahil Baki (SACT) Department of Environmental Studies and the participation of the teachers and students of the college, a tree planting program was celebrated in the Herbal Garden. The teaching and non-teaching staff who participated in this program are Bivas Biswas (Department of Bengali), Rajib Saha (Department of political Science), Nabin Mandal (Department of Geography), Al Mamun Hasan (Department of Political Science), Ganga Sagar Rajak (Accountant) and the students present are: Sabnaj Parvin (4th semester), Sadika Begum (2nd semester), Disha Akter Banu (2nd semester), Mira Khatun (4th semester), Sharabani Ghosh (2nd semester), Tamanna Khatun (4th semester), Serika Khatun (4th semester), Shayamali Khatun (2nd semester), Manika Khatun (2nd semester). This report aims to provide an overview of these initiatives and their impact.

Herbal Garden and Tree Plantation:

The Herbal Garden at Domkal Girls' College was established with the objective of promoting awareness about the importance of medicinal plants and traditional herbal remedies.

It serves as an educational resource for students and faculty members interested in herbal medicine and

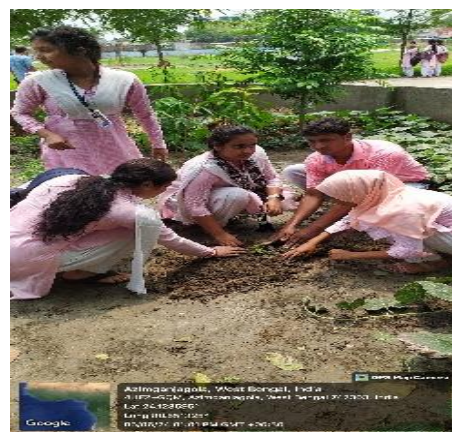
botany. The garden features a diverse range of medicinal plants, each labeled with its botanical name, medicinal properties, and uses.

The tree plantation drive complements the Herbal Garden by enhancing the greenery of the campus and contributing to environmental conservation efforts. Various species of trees native to the region have been planted, including fruit-bearing trees, Alovera, Tulshi, and ornamental species. The college community actively participates in tree planting events, fostering a sense of environmental responsibility and community engagement.



Impact: The establishment of the herbal garden and tree plantation has had several positive impacts on the college community:

Environmental Awareness: The initiatives have raised awareness about the importance of biodiversity conservation, sustainable living, and the role of plants in maintaining ecological balance.



Educational Opportunities: Students have access to hands-on learning experiences in botany, herbal medicine, and environmental science through practical activities conducted in the herbal garden and tree plantation.

Beautification of Campus: The lush greenery provided by the herbal garden and trees enhances the aesthetic appeal of the college campus, creating a conducive environment for learning and relaxation.

Distribution of Fertilizer Usage: A survey was conducted to assess the usage of fertilizers on the college campus, with the aim of promoting sustainable agricultural practices and minimizing environmental impact. The survey collected data on the



types of fertilizers used, application methods, and frequency of usage.

Preliminary findings indicate that the majority of fertilizers used on the campus are organic or bio-based, reflecting a commitment to environmentally friendly practices.

Additionally, efforts are being made to minimize fertilizer usage through techniques such as composting, crop rotation, and integrated pest management.

Recommendations: Based on the survey findings, the following recommendations are proposed to further promote sustainable fertilizer usage:

Continued Emphasis on Organic Fertilizers: Encourage the use of organic and



bio-based fertilizers to minimize chemical runoff and soil degradation.

Education and Training: Provide workshops and training sessions on sustainable agriculture practices, including composting, vermicomposting, and natural pest control methods.

Monitoring and Evaluation: Implement a monitoring system to track fertilizer usage and its impact on soil health and crop productivity.

Conclusion: The Herbal Garden, tree plantation, and distribution of fertilizer usage at Domkal Girls' College reflect a commitment to environmental sustainability and responsible agricultural practices. These initiatives not only contribute to the beautification of the campus but also provide valuable educational and research opportunities for students and faculty members. By continuing to promote green initiatives and adopting sustainable practices, the college can serve as a model for environmental stewardship in the community.



A handwritten signature in black ink, appearing to read "Das".

Dr. Alak Kumar Das

Principal, Domkal Girls' College
Murshidabad, W.B.

PRINCIPAL
Domkal Girls' College
Domkal, Murshidabad