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SSR DOCUMENT

2017-18 to 2021-22

CRITERION –7

Institutional Values and Best Practices

Metric No. : 7.2.1

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Document Title:

A. Ecological Conservation Park

II. Net- House and Nursery Management

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Net-house and Nursery Management

Content

7.2.1 Net House &Nursery Management by the Students & staff of the Department of Botany, Horticulture & Seed Technology

Cultivating Growth and Sustainability through Net House and Nursery Management

The Botany Department's net house and nursery play a pivotal role in creating a controlled and conducive environment for the cultivation of various plant species. This report provides an in-depth overview of the facilities' management, their annual contributions, and the impact on seed technology advancement and collaborative research with the horticulture department.

The Botany Department maintains a meticulously managed net house and nursery. These facilities serve as controlled environments, accommodating the growth and development of crops, vegetables, fruit plants, flowers, and forest saplings. The net house ensures precise environmental conditions, fostering optimal plant growth and health. The open nursery complements these efforts by providing additional space for cultivating diverse plant species.

The net-green house nursery stands out as a significant contributor to the department's activities. Annually, it yields a substantial number of high-quality seedlings. These seedlings serve as a cornerstone for advancements in seed technology, offering a diverse genetic pool for further exploration and improvement. The net house's regulated conditions and expert care result in seedlings of exceptional quality, suitable for a wide range of applications.

Impact on Horticulture Department:

The collaboration between the Botany Department and the horticulture department is a testament to interdisciplinary cooperation. The net-green house nursery's output provides invaluable support to the horticulture department's research endeavors. The availability of high-quality seedlings enhances the accuracy and reliability of their experiments and studies. The nursery's contribution directly impacts the horticulture department's ability to innovate and make significant strides in their field.

Community and Environmental Impact:

The net house and nursery management extend beyond academic and research realms. The high-quality seedlings produced annually contribute to the enrichment of local flora and green spaces. When these seedlings are integrated into community gardens, urban reforestation projects, and sustainable landscaping initiatives, they foster environmental awareness and ecological sustainability.

The Botany Department's net house and open nursery management showcase a commitment to fostering plant growth in controlled environments. The annual generation of high-quality seedlings has far-reaching implications, from seed technology advancements to collaborative research endeavors. The impact extends to the horticulture department, community engagement, and ecological well-being. This report underscores the significance of these facilities as a driving force behind academic excellence, innovation, and environmental stewardship.

HOD

Department of Botany