

Rastriya shikshan sanstha's

SAMARTH MAHAVIDYALAYA LAKHANI

DEPARTMENT OF BOTANY

Session:-2023-24

**REPORT:-MEDICINAL AND ORNAMENTAL PLANTS
PLANTING IN GARDEN**

Department Of Botany organized '**Medicinal and Ornamental plants planting**' in garden on the behalf of Principal Dr. D.D.KAPSE and CBC member Prof. Arun Kadabe Sir. On this best occasion head of dept. of botany and faculty member thought to doing activity in our campus garden. B.sc-1st year together of 25 students and faculty staff doing tree planting on this garden. Students are planted almost all popular and famous Medicinal and flowering ornamental plants. Planting of flowers include *vinca rosea*, *Rosa*, *Hibiscus*, *Lily* etc, and Medicinal plants includes *Ocimum sanctum*, *Azadiracta indica*, *Adathoda vasica*, *Asparagus* etc. Principal sir appreciate our tree planting program.

The plants is the key to a pollution-free environment for a long time because they are responsible for providing oxygen, improving the quality of air, climate amelioration, conserving water, soil preservation, and supporting wildlife. Due to all these reasons, tree plantation has become necessary in the present scenario as pollution is at a peak. plantation is the only way to control pollution to some extent.

In silviculture, the tree plantation activity is known as afforestation or reforestation. This process involves planting seedlings in an area where the forest has been damaged by a fire, disease, or harvested or got destroyed by some human activity. As we know that pollution is increasing at an alarming rate, different countries are making various strategies to fight with this situation, and tree plantation is one of the most important strategies that is

being adopted. Many reforestation companies have also been formed, which are responsible for planting trees in the deforested lands. Trees remove carbon dioxide and release oxygen to the air, thus making the air quality better for living beings.

Outcomes of Tree Plantation :-

1. Plant synthesize hundreds of chemical compounds for various functions, including defense and protection against insects, fungi, diseases and herbivorous mammals.
2. Medicinal plants and derivatives is growing rapidly with human progress in pharmaceuticals fields.
3. Temperature has been constantly fluctuating due to a decrease in the number of plants. Plants can maintain atmospheric temperatures. In hot regions, having more plants would help regulate the heat.
4. Trees and plants are home to many wild creatures. A lot of birds build their nests on trees. Plants support wildlife. Planting more trees would not only help humans but it will support the whole biodiversity.
5. Planting trees makes the environment immediately more beautiful. Trees help prevent soil erosion. They also absorb different pollutants and thus make the air-water and earth cleaner.

Thus the tree plantation program was well executed.

Date:- 8 December 2023



PRINCIPAL SIGN

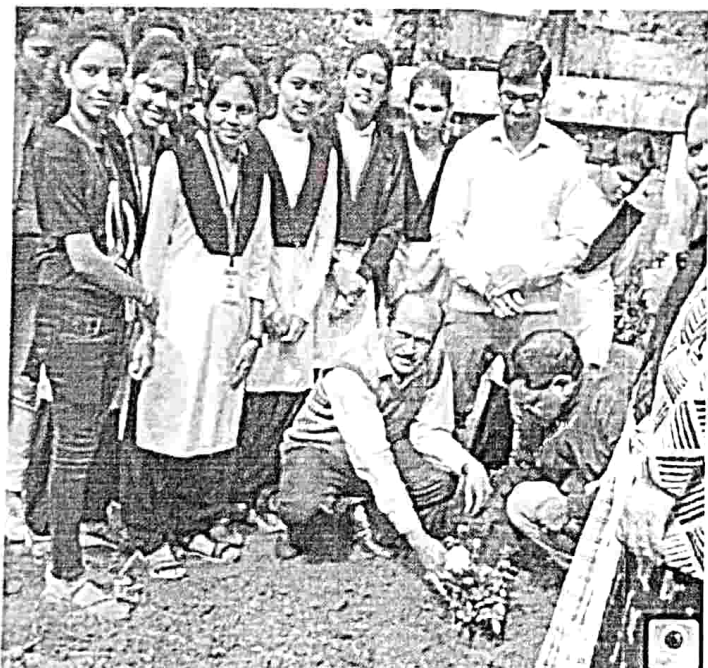
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आयांकित जिल्हा

लाखनीत औषधी वनस्पतीचे वृक्षारोपण



लाखनी : राष्ट्रीय शिक्षण संस्था द्वारा संचलित समर्थ महाविद्यालय लाखनी येथे बॉटनिकल गार्डनमध्ये औषधी वनस्पतीचे वृक्षारोपण माजी प्राचार्य व महाविद्यालय विकास समिती सदस्य प्रा. अरुण कडबे यांच्या हस्ते करण्यात आले. यावेळी प्राचार्य डॉ. दिगांबर कापसे उपस्थित होते. समर्थ महाविद्यालय येथील बीएससी वनस्पतीशास्त्र विभागाच्या वतीने विविध औषधी वनस्पतीचे वृक्षारोपण करण्यात आले. या प्रसंगी महाविद्यालयातील ग्रंथालय विभाग प्रमुख डॉ. धनंजय गभने, डॉ. बंडू चौधरी, डॉ. पर्वते, प्रा. मनीषा मदनकर, प्रा. अजिंक्य भांडारकर, प्रा. पूजा नवखरे, प्रा. युवराज जांभूळकर, प्रा. निर्वाण, प्रा. मोहन फुंडे, प्रा. कीर्ती शेंडे व बीएससी वनस्पती शास्त्र विभागातील विद्यार्थी उपस्थित होते.

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पुण्य नगरी

समर्थ महाविद्यालयात वृक्षारोपण

लाखनी : स्थानिक राष्ट्रीय शिक्षण संस्थेद्वारे संचालित समर्थ महाविद्यालय लाखनी येथे बॉटनिकल गार्डनमध्ये औषधी वनस्पतीचे रोपण करण्यात आले. माजी प्राचार्य व महाविद्यालय



विकास समिती सदस्य प्रा. अरुण कडबे यांच्या हस्ते आणि महाविद्यालयाचे प्राचार्य डॉ. दिगांबर कापसे यांच्या प्रमुख उपस्थितीत वृक्षारोपण करण्यात आले. समर्थ महाविद्यालयातील बीएस्सी वनस्पती शास्त्र विभागाच्या वतीने विविध औषधी वनस्पतीचे रोपण करण्यात आले. यावेळी महाविद्यालयातील ग्रंथालय विभाग प्रमुख डॉ. धनंजय गभणे, डॉ. बंडू चौधरी, डॉ. पर्वते, प्रा. मनीषा मदनकर, प्रा. अजिंक्य भांडारकर, प्रा. पूजा नवखरे, प्रा. युवराज जांभूळकर, प्रा. निर्वाण, प्रा. मोहन फुंडे, प्रा. कीर्ती शेंडे तसेच मोठ्या संख्येने बीएस्सीचे विद्यार्थी उपस्थित होते.

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