

YMT AYURVEDIC MEDICAL COLLEGE & HOSPITAL NAVI MUMBAI Phone: 022

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Institutional Area, Sector-4, Kharghar, Navi Mumbai 410210

Reports of Activity undertaken by the institution for conservation of rare and endangered plants.

- We have cultivated 315 species with 4754 total plants in 7.18 acre area out of which maximum plants are cultivated.
- 2. We have cultivated and conserved some Rare and Endangered species as well such as Sarpagandha, Ashoka, Patala, Chandan, Raktachandan, Agaru etc.
- We have separate green shade facilities for some rare and endangered species and also have separate sections for rare & endangered plant species.
- 4. We are doing regular seed ball activity. In which we are preparing seed balls of rare and endangered medicinal plant species like Santalum album, Jyotishmati, Ananta, Arjun etc.
- 5. Key Actives undertaken by institute for cultivation -
 - ➤ Preparation of Land e.g. Ploughing, tilling & soil amendment.
 - Planting Maximum plantation was done in the rainy season where we do plantation of Medicinal plants like Vasa, Bhallataka, Fig, Coconut, Arjuna, Ankola, Kadamba etc.
 - Being a coastal area, rain is abundant. We use our own water reservoir for irrigation purposes during the non-monsoon season only. This conserved water facility is used for 1 to 3 months after Monsoon. Rest of the months water tankers from outside are to help in refilling the reservoir.

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- Weeding Unwanted Weeds are controlled by using proper herbicide application.
- > Fertilization We are using different types of compost & vermipost as per requirement.
- Pest & Disease Management Identifying trees which are infected by any pest of diseased & taking appropriate major to control it.
- > Pruning For maintenance of an eco-friendly environment pruning was done at required basis.
- 6. On the occasion of world environment day, the public awareness rally and tree plantation program was arranged by our Institution. The rally started at Ayurved gate of college following belpada gaon and A.C patil college of engineering and NIFT and return to our college. The students raised various slogans e.g. 'Isake jaisa daan na duja live life give life' throughout the rally and holded various posters of saving the environment and plants. Then the function proceeds with a tree plantation program at Yerala herbal garden. On these occasions Principal sir addresses the student the importance of trees & motivates the students for planting a tree as they can. Rally received the attention of street walking public, shopkeepers & Students etc. which also encouraged the people for tree plantation & conservation.

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- 7. Every year we encourage the planting of medicinal plant species but unfortunately unable to survive because of some reason, we do plantations of some new species regularly.
- 8. We have a separate area in the garden where saplings of different plant species are prepared from seed & Cutting method. Later these plants shifted to big pots and then it was shifted to Land.
- 9. We have even cultivated roundabout 130 plants in pots as live specimens.
- 10. We have a well-designed Nakshatra Garden which has 27 specific Nakshatra plants.
- 11. Water supply facility is available for each and every medicinal plant. We have our lake pond through which irrigation is done.
- 12. Medicinal plants in the separate pots other than herbal garden are watered time to time.
- 13. Seeds from our own garden plants and from different habitats were collected & used for cultivation purposes.

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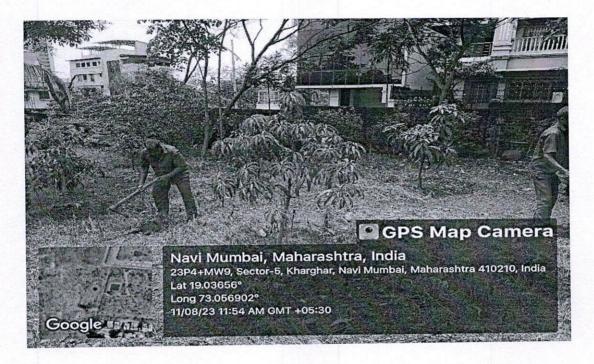
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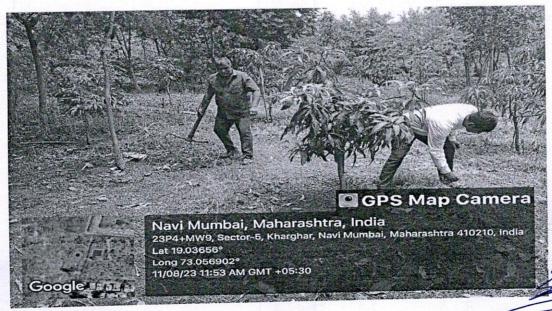
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Digging and Plantation of Medicinal Plants





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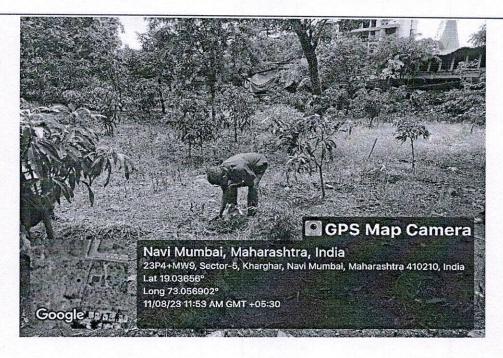
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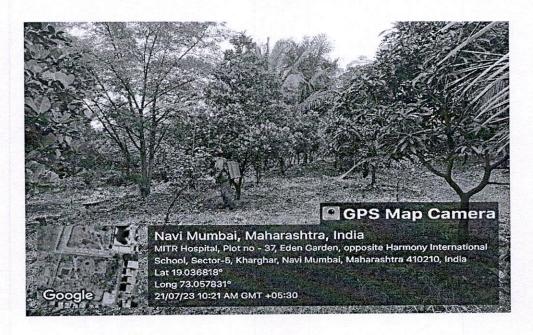
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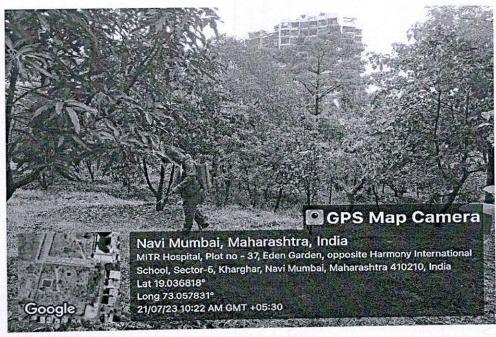
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Weeding & Pest Management





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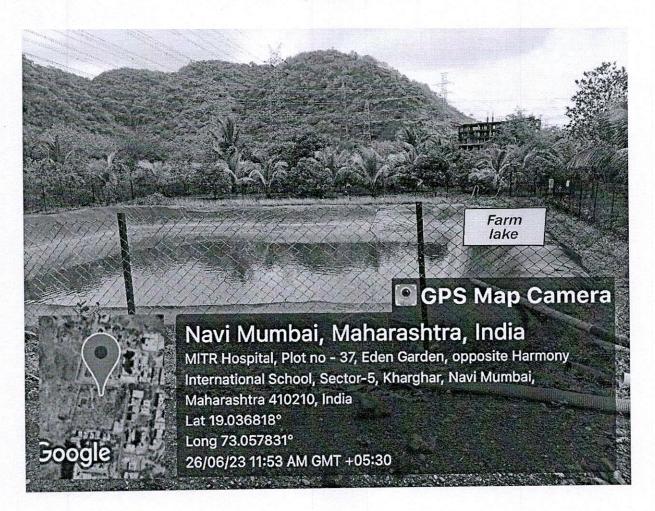
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Farm Lake (Water Reservoir)



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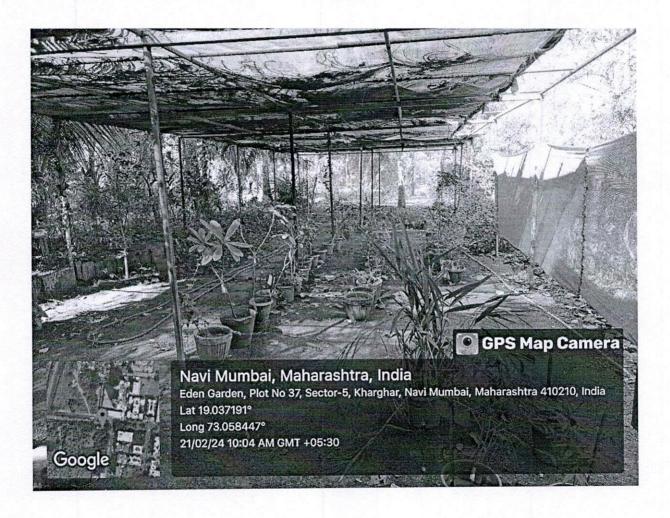
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Green Shade



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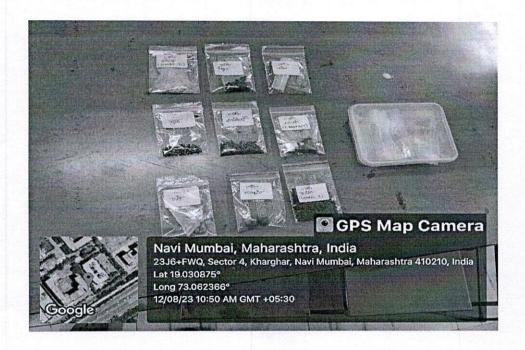
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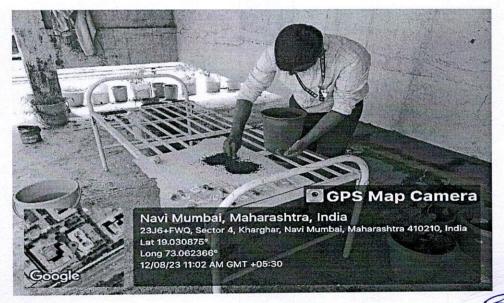
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Preparation of Seed Ball of Rare Medicinal Plants





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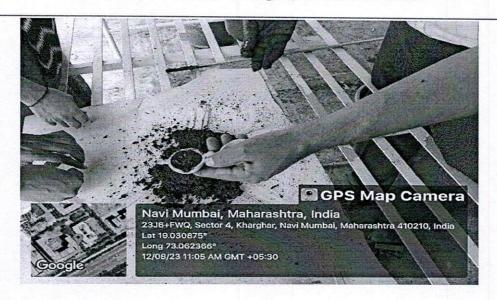
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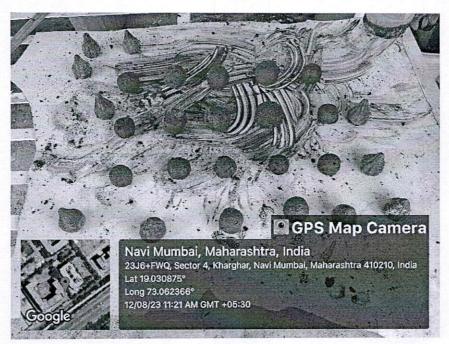
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Reports of Activity undertaken by the institution for propagation of rare and endangered plants.

- As a part of curriculum our institution has organised regular Herbal Garden visits of II year B.A.M.S & Post Graduate Students of Department of Dravyaguna at regular time intervals.
- In that visit we give information about the Plant species like Morphology of plant, methods of cultivation & propagation of plants like
- 1. Sexual propagation or seed propagation.
- 2. Asexual or Vegetative Propagation
- 3. Nature of plant
- 4. Habitat of plant
- 5. Fruiting & Flowering season of that particular plant.
- In this year the 1st year BAMS students are also exposed to herbal gardens as part of the syllabus curriculum Induction program where they get knowledge about propagation, conservation and uses of that Medicinal plant.
- Students are doing seed ball activities through which seeds are collected from our garden & that seed placed in mud & small balls are prepared.
- On the occasion of Lord Dhanvantari Birth Ceremony Institution also organised Plant Expo for targeting layman community. Also Farmer awareness program is arranged about cultivation & Propagation of Medicinal plants in their farm at Pen.
- Informational pamphlets and posters highlighting the importance of herbal plants in Ayurveda and their role in environmental conservation were distributed.
- Talks and presentations were delivered to educate the public about sustainable practices and the benefits of herbal remedies.
- AYUSH expo was organised by Institute for Layman People in which they are getting knowledge about propagation, conservation and uses of that Medicinal plant.

Students from Nearby School, colleges e.g. Harmony school, Bharati Vidyapeeth college
of pharmacy G Mittal Ayurved College & B R Harne Ayurved college visited our Herbal

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Garden where they received knowledge about the Cultivation, Conservation, Propagation & Uses of Medicinal Plants.

Outcome: The event witnessed active participation from Ayurveda students, Patients and members of the local community.

Key outcomes include:

- Increased awareness about the importance of herbal plants in Ayurveda and their ecological significance.
- Empowerment of Ayurveda students with practical knowledge and skills for propagating medicinal herbs.
- Promotion of environmental stewardship among the layman community through handson participation in the plantation drive.
- Strengthened community engagement and collaboration towards sustainable living practices.

Medicinal Plant Exhibition at WORLD AYUSH EXPO



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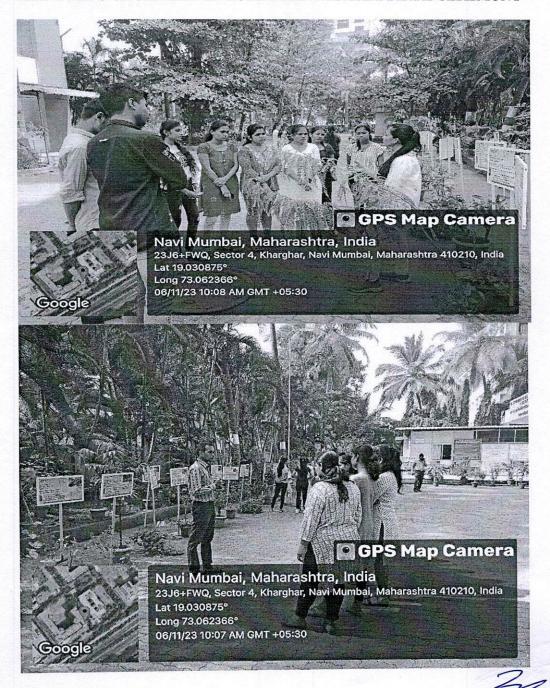
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PLANT EXPO ORGANISED ON LORD DHANWANTARI BIRTH CEREMONY



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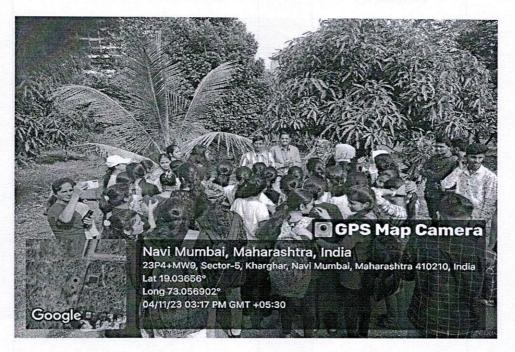
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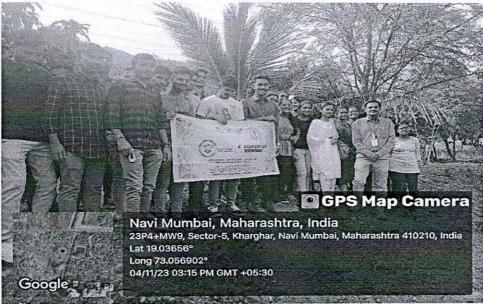
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HERBAL GARDEN VISIT OF STUDENTS





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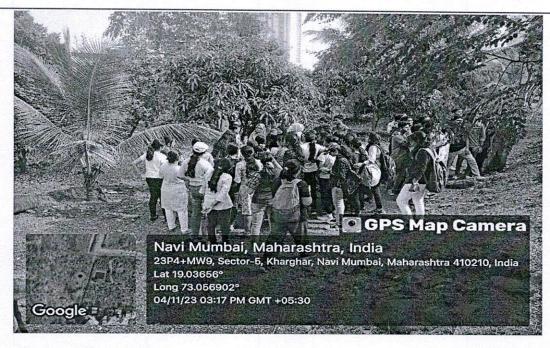
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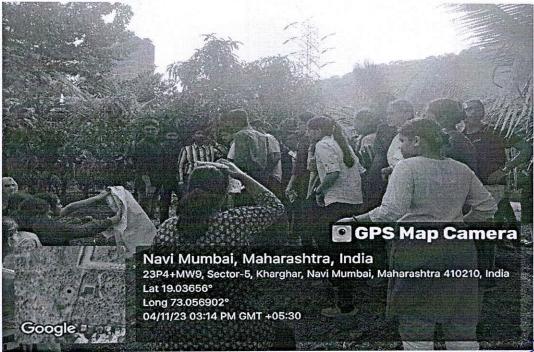
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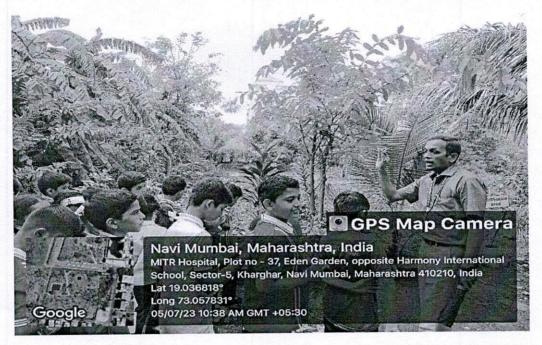
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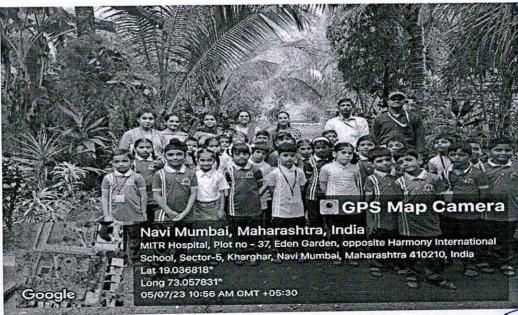
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Visits Of Students From Harmony School To Herbal Garden





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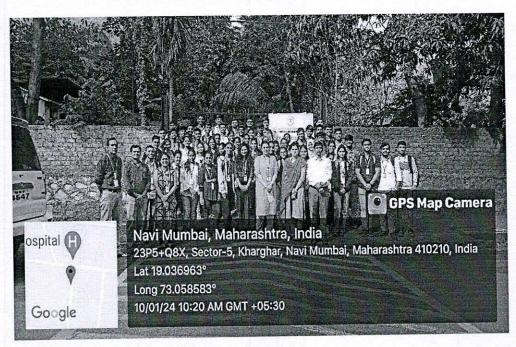
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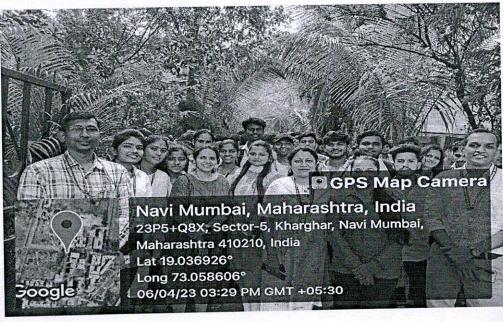
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Visits of Students from Bharati Vidyapeeth to Herbal garden





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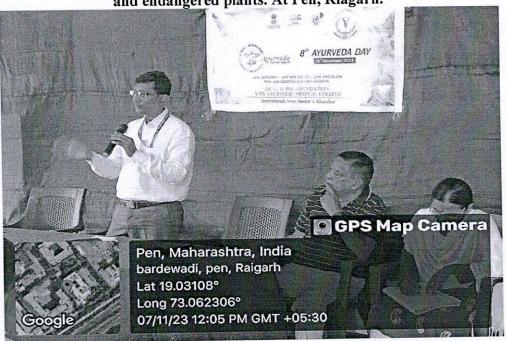
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Farmer Awareness Program Is Arranged For Cultivation & Propagation Of rare and endangered plants. At Pen, Riagarh.



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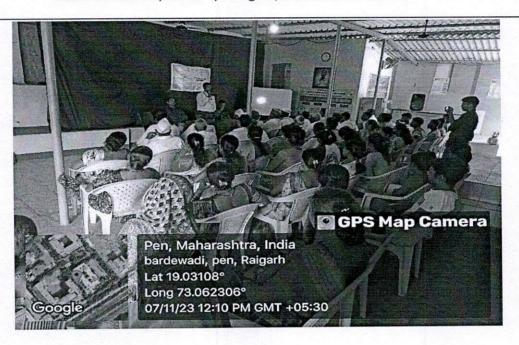
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