

B. K. M. Science College, Valsad

BEST PRACTICE-1(Year 2021-22)

Title of The Practice- Contribution of NCC Cadets in Nation Building

Nation Building is not just a concept of improving the technology and adopting new technology but also it is the way to developed the Nation by improving its people's behavior. NCC is well organized system which plays great in Nation Building by giving proper training to the cadet show to handle any situation ,how to face the problem easily under stress condition ,how to managed the events properly and neatly. NCC developed the future citizens of the country who their duties for the so- ciety and the Nation and also known their responsibilities as member of the society.

OBJECTIVE OF THE PRACTICE:

- To Create a Human Resource of Organized, Trained and Motivated Youth, To Provide Leadership in all Walks of life and be Always Available for the Service of the Nation.

To Provide a Suitable Environment to Motivate the Youth to Take Up a Career in the Armed Forces.

- To enable the NCC Cadets more active and enthusiastic

To Develop Character, Comradeship, Discipline, Leadership, Secular Outlook, Spirit of Adventure, and Ideals of Selfless Service amongst the Youth of the Country.

THE CONTEXT:

NCC arranged some social activities like Blood donation, tree plantation, Disaster management training program, Personality Development Program, and many more such activities .Through these it create awareness among the cadets and other people. Through Cleanliness campaign every year by the NCC taught the people the importance of the cleanliness and motivate the people about clean and green energy.

The essence of such training is to infuse in youth a greater sense of patriotism, discipline, self-confidence, self-reliance. NCC has nurtured millions of youths as responsible, disciplined and motivated citizens of our country. It is an image of Secularism and national integration and also brings out Nationalism thus strengthening our nation. NCC has the credentials in transforming our youth, in building their character and inculcating in them a sense of duty, discipline and service to the nation.



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Valsad - Gujarat - India.**

The Practice: Year 2021-22

Evidence of Success

Activity List

Sr. No.	Activity Name	Date	SD	SW	Total	Link
1	Pared Activities	2021-22	64	42	106	View
2	Yoga Day Pledge	18/06/2021	30	28	58	View
3	Quiz on yoga day	18/06/2021	19	14	33	View
4	Yoga Day	21/06/2021	6	15	22	View
5	Kargil Vijay Diwas Greeting Cards	25/06/2021	27	25	52	View
6	Tree Plantation	21/07/2021	10	11	21	View
7	Kargil Diwas Webinar	26/07/2021	2	2	4	View
8	Kargil Diwas Blood Do- nation	26/07/2021	10	4	14	View
9	Gyan Shakti Divas	1/8/2021	17	23	40	View
10	Rashtragan	7/8/2021	32	23	55	View
11	Azadi Ka Amrit Ma- hotsav	13/08/2021	20	18	38	View
12	Tree Plantation at Umargaon Azadi ka Amrit Mahotsav	14/08/2021	11	4	14	View
13	Independence Day	15/08/2021	31	18	49	View
14	Fit India Freedom Run 2.0	24/08/2021	21	17	38	View
15	SD Fit India Moment	27/08/2021	11	0	11	View
16	SW Fit India Moment	28/08/2021	0	11	11	
17	National Sports Day	29/08/2021	20	14	34	View



18	Disaster Management Training Program	20/09/2021	26	20	46	View
19	Personality Seminar Development	15/10/2021	20	19	39	View
20	Role of Police in Nation Building	20/10/2021	30	24	54	View
21	Sardar Vallabh bhai Patel Jayanti	31/10/2021	3	4	7	View
22	Legal Awareness camp	11/11/2021	10	12	22	View
23	Election Awareness	14/11/2021	8	7	15	View
24	NCC Day celebration	29/11/2021	18	16	34	View
25	Puneet Sagar Abhyan	05/01/2022	7	6	13	View
26	National Voting Day	25/01/2022	24	20	44	View
27	NCC Training	7/02/2022 to 09/02/2022	14	19	33	View
28	Tug of war (Kheilmahakumbh)	22/03/2022	8	9	17	View
29	Water Day	22/03/2022	25	17	42	View
30	Puneet Sagar Abhiyan	03/04/2022	22	22	44	View
31	Drawings on Puneet Sagar Abhiyan	04/04/2022	20	23	43	View



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B. K. M. Science College, Valsad

BEST PRACTICE-2

Title of The Practice- A Botanical Garden and Herbarium : *Heal the Earth Heal Our Future*

Humans must live healthy lives, and the only way to achieve that is to maintain a clean environment. We have a clean, healthy atmosphere thanks to nature. To improve the prosperity of our environment, we must work in that field. Additionally, by planting these trees, which contribute to the atmosphere's increased oxygen content, we can live risk-free and breathe clean air. There are numerous healing herbs that benefit us in various ways. This means that if we protect the environment, it will protect us.

OBJECTIVE OF THE PRACTICE:

- To develop new areas of learning for botany and zoology students.
- To protect various rare species of plants and trees.
- Plantation of trees
- Useful to keep specimens of newly described taxa.
- Helpful to study flora of different places.
- Ecology of different places can be understood by herbarium.

THE CONTEXT:

The institute owns huge area of fertile land. The botanical garden of the Institution has a variety of trees and rare plants. There are more than 12000 trees and more than 40 plants of medicine were enveloped in the campus by Dr.T. G. Gohil, the Head of the Biology Department, Prof. Dr. D. D. Patel, Dr. A.B. Thakor, Dr. B.T. Shah and Dr. K.M. Patel. The garden is maintained by the Institution.




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The Practice: Year 2020-21

The college has organised an internal committee to oversee the garden's maintenance with the support of a gardener who is paid by the college. This committee aims to make the college campus more environmentally friendly and to raise student understanding of environmental issues. The committee meets frequently to conduct a Green Audit, which includes waste audits, energy audits, tree planting, and other methods for improving the garden. More than 2000 herbarium sheets have been saved for plant identification.

Below is the list of Medicinal Plants Link

[https://www.bkmscience.com/uploads](https://www.bkmscience.com/uploads/document/document_4DN3ZBPX1650644153.pdf)

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Evidence of Success

Planting 12000 trees with 90% success ratio

Planning of Garden Maintenance by college.

Beautiful growth of trees.

Many birds have their nesting in the Garden.

Many Students of various schools visit botanical Garden.

Problems Encountered and Resources Required

Land levelling and removal of the weeds and old trees

Solution: With the help of latest machinery, we have kept the garden clean.

Plantation in large area

Solution: With the cooperation of the District forest department, the institution has achieved the huge environmental success.

Growth of plants in summer

Solution: By taking help from the pond water, the sprinkler technique has been used for the growth of the plants. Full time gardeners are looking after the gardens. As a result, there can be seen 90% success ratio.



A handwritten signature in blue ink, appearing to be "Dhanu".

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Resources needed

Financial Assistance from Management

Forest Department

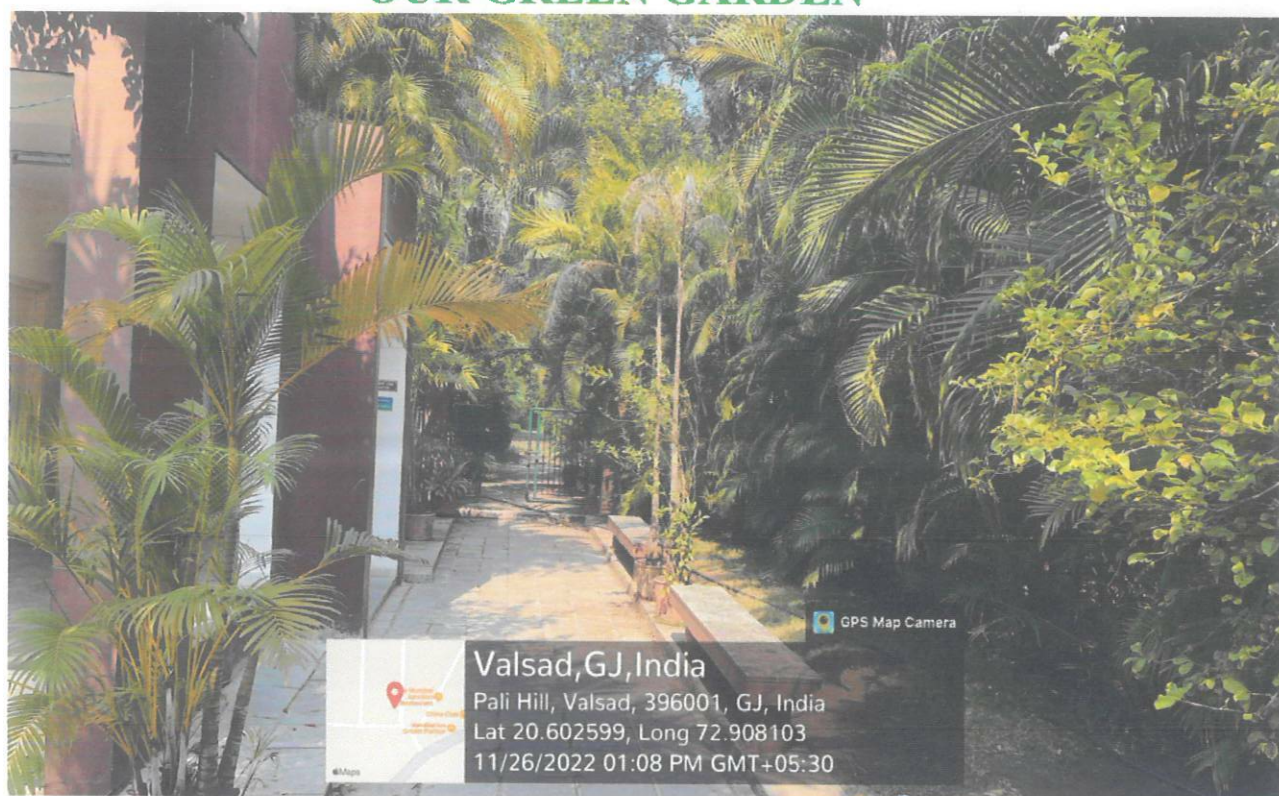
Botany Department

Huge amount of Water

Fertilizers and Pesticides

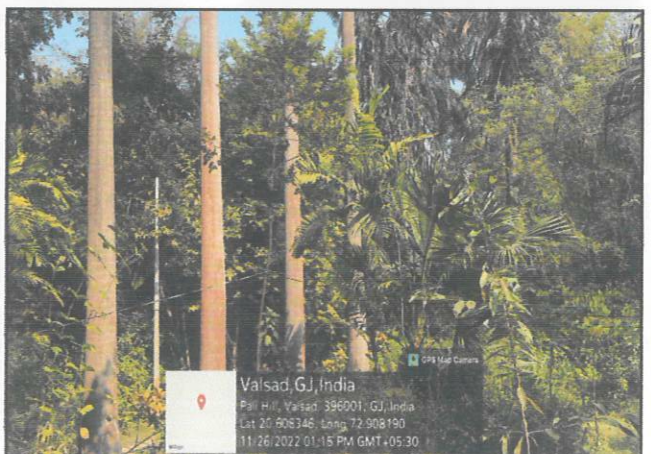
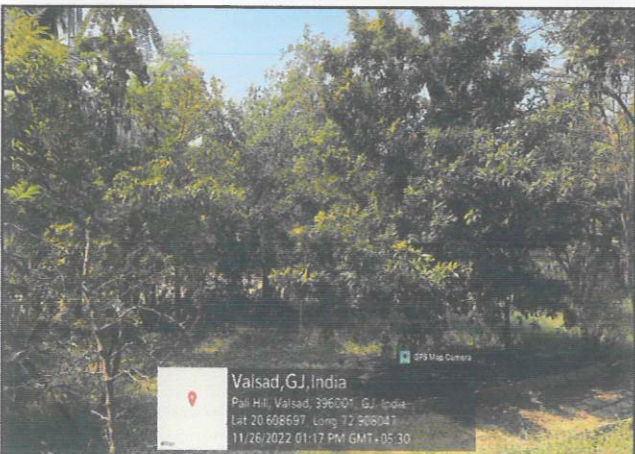
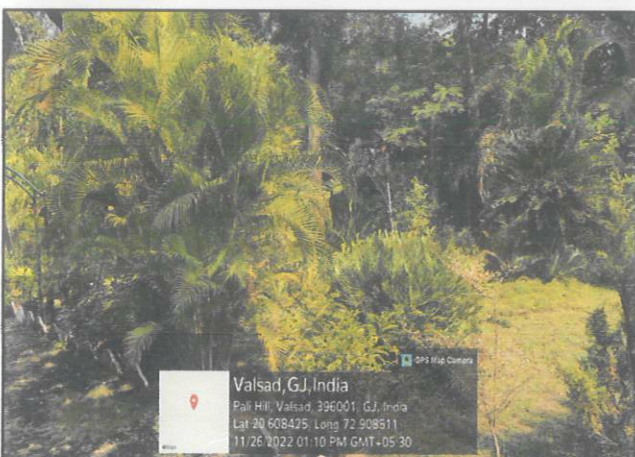
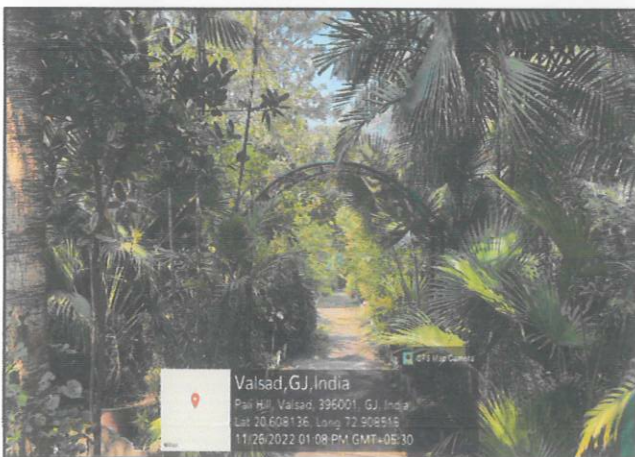
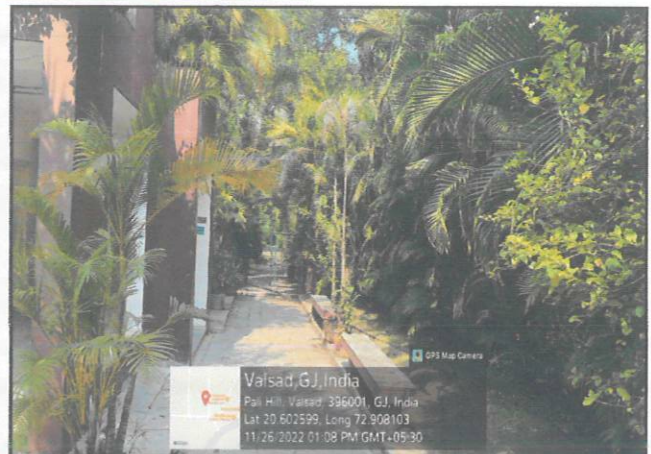
Gardening Equipments

OUR GREEN GARDEN



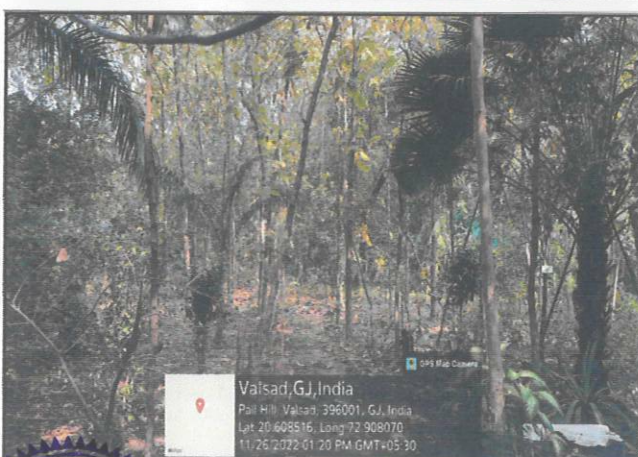
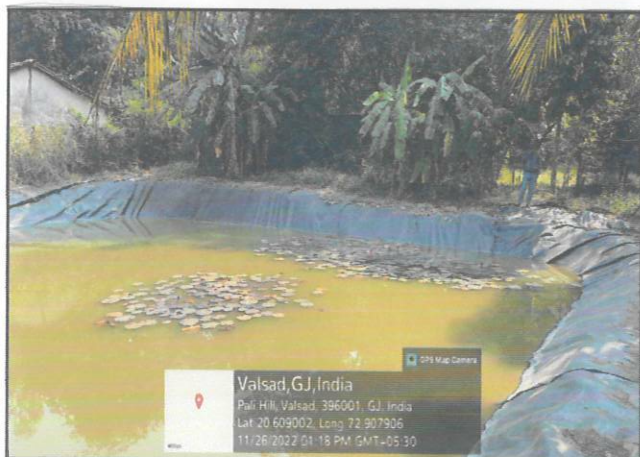
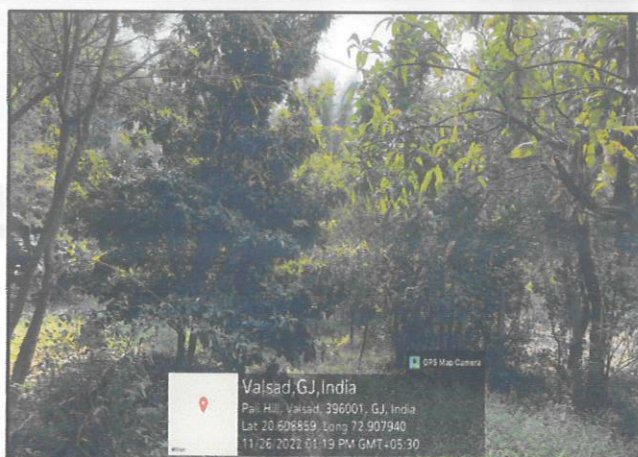
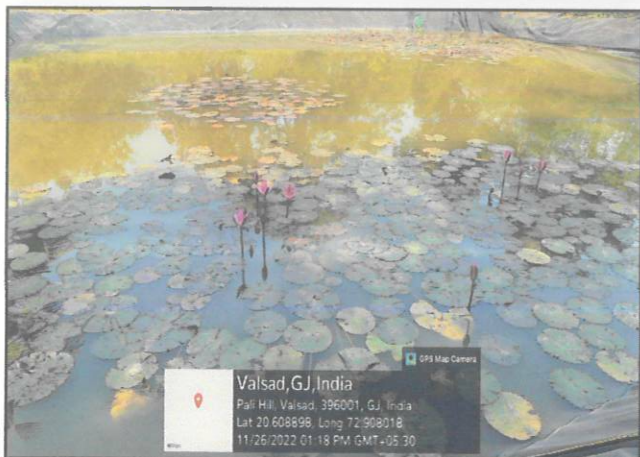
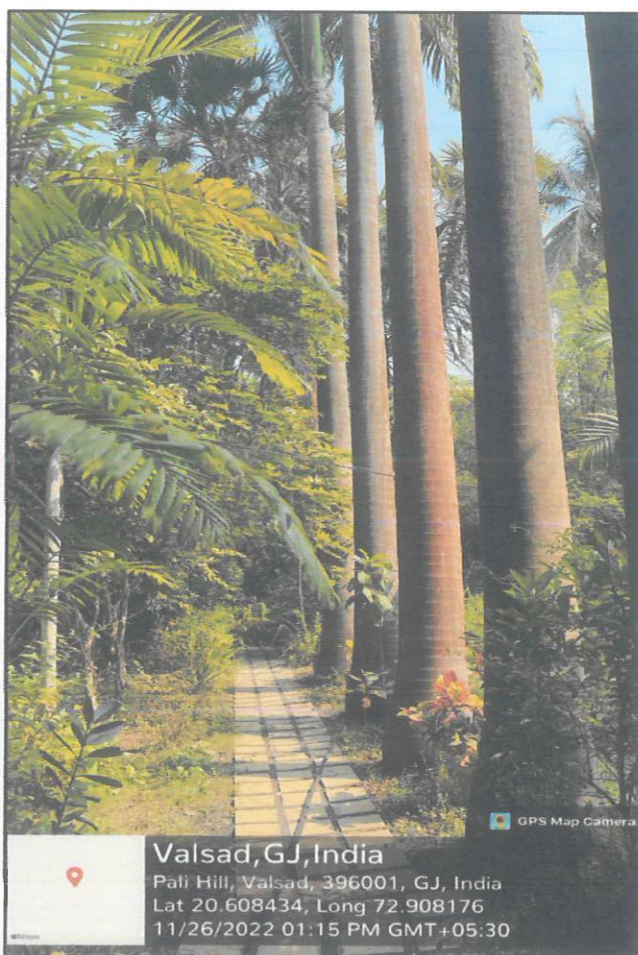

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Our Botanical Garden



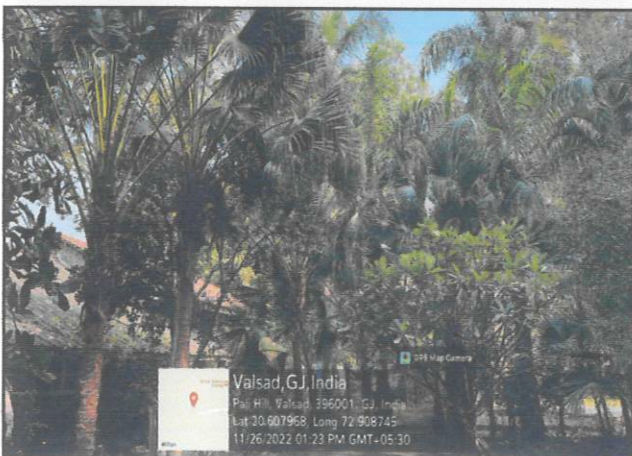
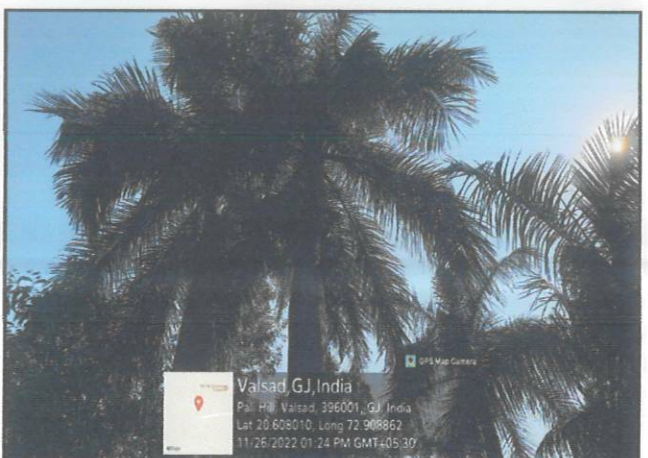
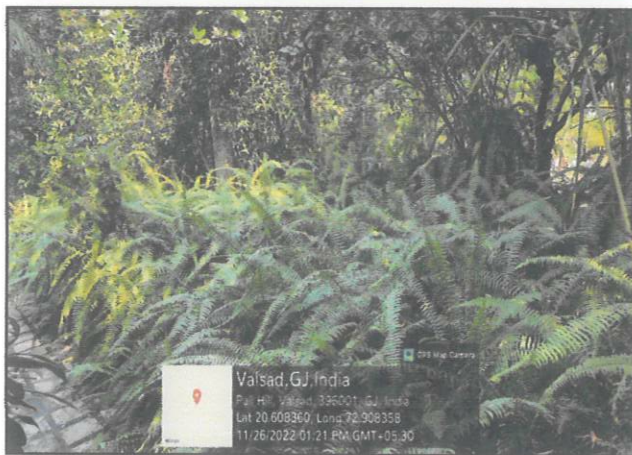
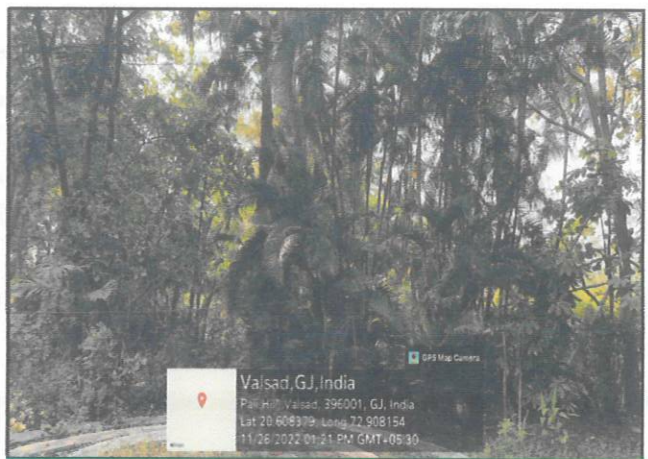
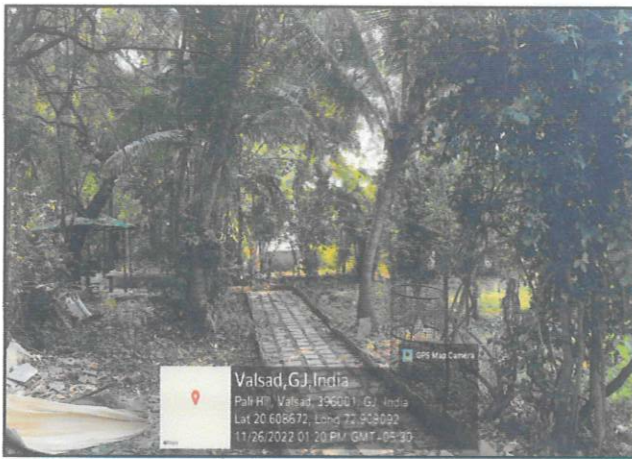
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Our Botanical Garden



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Our Botanical Garden



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