

Cert/2022-25/49



GREEN AUDIT CERTIFICATE

This certificate is awarded to

M R Desai Arts and E E L K Commerce College, Chikhli

as a part of the institution's initiative for the healthy and sustainable practice on the campus. It is an environmental freindly campus with nearly 600 trees, plants and shrubs. The campus actively participates in environment awareness activities organised for the students and surrounding community. Instituion enthusiastically participates in van mahotsav workshops, nature camps, nature workshops and all environmental protection and conservation initiatives organised by the District and State Forest Department.

20/09/2024

DATE

Besvi
Deputy Conservation of Forests
Social Forestry, NAVSAD

SIGNATURE



M. R. Desai Arts and E. E. Laher Kosadiya Commerce College, Chikhli, Dist. Navsari

Managed by Vimal Uchchar Kelavani Trust, Chikhli.
Affiliated to Veer Narmad South Gujarat University, Surat

NAAC SSR Cycle-III

Green Audit Report

for

M. R. Desai Arts and E. E. Laher Kosadiya Commerce College of Year 2022-23

M. R. Desai Arts and E. E. Laher Kosadiya Commerce College, located in Chikhli, Navsari, is committed to maintaining a diverse and eco-friendly campus environment. The college campus hosts a total of 47 different tree species, contributing to the biodiversity and aesthetic appeal of the surroundings. This green audit report aims to assess the current status of the campus flora and highlight conservation efforts and opportunities for improvement.

Tree Species Inventory:

1. Narial: 75
2. Aerika: 17
3. Paam: 12
4. Saptparni: 14
5. Gulmahor: 18
6. Limdo: 03
7. Jambu: 02
8. Bakkam Limda: 24
9. Pestrofom: 19
10. Keshuda: 10
11. Karan: 45
12. Gulab: 25
13. Ekzora: 18
14. Jasud: 15
15. Borsalli: 04
16. Mayurpankh: 20
17. Sharu: 16
18. Reintree: 03
19. Aasopalav: 35
20. Garmalo: 09
21. Nilgeeree: 01
22. Kadamb: 02
23. Kotan: 35
24. Gavrichavri: 65
25. Aamba: 05
26. Bottalpam: 09
27. Parvati: 05
28. Amla: 05
29. Rohini: 05
30. Kotha: 03
31. Champa: 25
32. Khatamli: 05
33. Shubaval: 10
34. Bilipatra: 05

35. Shevan: 05
36. Vad: 01
37. Christmustry: 04
38. Gundh: 05
39. Vaans: 05
40. Fafado: 01
41. Limbu: 01
42. Mogra: 11
43. Kadam: 06
44. Erica Palm: 33
45. Bouganvel: 06
46. Bili Patra: 04

Maintenance and Conservation Efforts: The college demonstrates a strong commitment to tree preservation and maintenance. A dedicated team overseen by the principal ensures regular watering, trimming, and overall care of the campus flora. Collaboration with the Sarada Foundation, NSS, Navsari range forest department, and Dang range forest department strengthens the college's initiatives through joint tree plantation programs and environmental awareness campaigns.

Collaborative Programs: The college actively collaborates with Van Vibhag Navsari (Forest Department) to organize tree plantation drives and conservation activities. These collaborations aim to enhance green cover and promote sustainable environmental practices within the campus and surrounding areas.

Workshops and Initiatives: The college conducts annual workshops and events during Van Mahotsav (Forest Festival) to raise awareness about the importance of trees and biodiversity conservation. These workshops engage students, faculty, and local communities in tree plantation activities, educational sessions, and discussions on environmental stewardship.

Challenges and Opportunities: While the college has made commendable efforts in maintaining its green wealth, several areas for improvement and challenges are identified:

- **Species Diversity:** Encouraging the planting of more indigenous species could enhance local biodiversity and resilience.
- **Water Conservation:** Awareness drive in surrounding neighbourhood areas about efficient rainwater harvesting techniques can optimize water use for tree maintenance.
- **Education and Awareness:** Increasing student and community involvement in eco-friendly practices through workshops and seminars can foster a culture of environmental stewardship.

Recommendations: Based on the findings of this audit, the following recommendations are proposed to further enhance the college's green initiatives:

- Expand the diversity of tree species with a focus on indigenous varieties suited to the local climate.
- Develop a comprehensive water management plan to ensure efficient use of water resources for tree maintenance.
- Strengthen collaboration with environmental organizations and local communities to broaden participation in tree plantation and conservation programs.
- Integrate environmental education into the curriculum to cultivate a sense of responsibility and awareness among students and staff.

College exemplifies a proactive approach to environmental conservation through its diverse tree species collection, collaborative programs with Van Vibhag Navsari, and engagement in workshops during Van Mahotsav. By addressing the identified challenges and implementing the proposed recommendations, the college can further strengthen its role as a steward of environmental sustainability in the region.

This green audit report serves as a foundation for ongoing dialogue and action towards achieving a more resilient and environmentally conscious campus community.

Our Vimal Uchchar Kelavni Trust is consistently engaged in environmental awareness activities. The esteemed chairperson Shri Darshanbhai Desai is primarily farmers with agriculture as their core culture. They own approximately 500 to 800 acres of land and actively promote "Go Green" initiatives and programs on our campus. As like-minded individuals, we strive to make the campus eco-friendly in the following ways:

- We are fortunate to be located in the tribal belt of Dangs, which receives heavy rainfall. We plant trees during the monsoon and watch them flourish and attract birds over time.
- We also obtain plants from the forest department.
- We invest a significant amount in purchasing trees like coconut, champa, and gulmohar from local nurseries.
- We regularly plant flower pots to enhance the pleasant ambiance on our campus.
- We have equipment for maintaining our grounds, including lawn cutters and sprinklers.
- Our NSS units regularly conduct tree plantation programs on our campus.
- We do not employ any contracts or agencies to maintain our green wealth. We maintain our ecological ambiance ourselves, with the following team voluntarily working for a Green Campus.

OUR LUSH GREEN CAMPUS & TREE PLANTATION DRIVE PROGRAM



Go Green INITIATIVE



MAINTENANCE OF CLEANLINESS & GREENERY ON CAMPUS





STUDENTS JOINING THE INITIATIVE OF GREEN EARTH



STUDENTS CARRYING THE PLANTS TO THE HIGHWAY DIVIDER & CIRCLE



OUR LUSH GREEN CAMPUS SURROUNDED WITH AMPLE TREES





LUSH GREEN GROUND



STUDENTS MAINTAINING POTS ON CIRCLE OUTSIDE THE COLLEGE



WE ARE BLESSED WITH

GREEN CAMPUS

WE NURTURE OUR CAMPUS

&

OUR CAMPUS NURTURES US



PLANTING TREES IN SURROUNDING VILLAGES & NEIGHBOURHOOD







CELEBRATION OF WORLD ENVIRONMENT DAY- 2023






FELICITATION OF OUR VUKT CHAIRMAN SHRI DARSHANBHAI DESAI & COLLEGE TEAM

Greenery and trees on a college campus are crucial in mitigating climate change impacts. They absorb carbon dioxide, a major greenhouse gas, reducing their carbon footprint. Trees provide shade, cooling the environment and reducing the urban heat island effect. They also release oxygen, improving air quality and creating a healthier atmosphere for students and staff. Additionally, green spaces promote biodiversity, supporting local ecosystems and enhancing resilience against environmental stressors. By fostering a green campus environment, colleges contribute to climate resilience and educate future generations about sustainable practices and environmental conservation.

Range Forest Officer,
Chikhli




Range Forest Officer
Chikhli


Dr. F. H. Desai
Principal

Dr. F. H. Desai
Principal
M.R.D. Arts & E.E.L.K. Kosadla
Commerce College, Chikhli