Vidya Bhawan Rural Institute, Udaipur

PG College of Arts, Science and Commerce

Affiliated to Mohanlal Sukhadia University, Udaipur (Rajasthan)

GREEN AUDIT REPORT

2024-25

GREEN AUDIT CERTIFICATE

This is to certify that Vidya Bhawan Rural Institute, Udaipur, Rajasthan has conducted 'Green Audit' on May 3, 2025 to assess the green initiative planning, efforts, activities implemented in the institute like plantation, inventorization of flora & fauna of the institute, barcode on the trees to identify and get more information about them, conservation of biodiversity by creating awareness among the society, waste management, green energy production, water harvesting and management, ambient air quality assessment etc. This green audit is also aimed at evaluating the impact of green initiatives on maintaining campus eco-friendliness. The activities and measures carried out by the institute have been physically verified based on the report submitted and were found to be satisfactory. The efforts taken by the faculty and students towards the environment and sustainability are highly appreciated and commendable.

Place : Udaipur

Date: 3/5/2025

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EXECUTIVE SUMMARY

India has committed to achieving the United Nations development goals by 2030. One of the SDGs goals is to develop sustainable cities and communities. Every institution is the part of communities and so green audit is a practice for the resource management which can give us idea to make cities inclusive safe, resilient and sustainable. It is an essential step to identify and determine whether the institutional practices are sustainable and ecological. Traditionally, we were upright and efficient users of natural resources. But over the period of time, excessive usage of resources like water, electricity, petrol, etc. have become habitual for everyone especially, in urban and semi-urban areas. It is actually the right time to check if we (our process) are consuming more than required resources? Whether we are using resources sensibly? Green audit standardizes all such practices and provides an efficient way to use natural resources. In the time of climate change and resource exhaustion it is necessary to re-check the processes and convert then in to green and sustainable. Green audit provides an approach for the same. It also increases overall awareness among the folks working in institution towards the eco-friendly environment. This is the first attempt to conduct green audit of this campus for fulfilment of NAAC criteria. This audit was mainly focused on greening indicators like consumption of energy in terms of electricity and fossil fuel, quality of soil, water usage, vegetation, waste management practices and carbon foot print of the campus. Initially a questionnaire was shared to know about the existing resources of the campus and resource consumption pattern of the students and staff in the campus.

INTRODUCTION

Now days, the educational institutions are becoming more thoughtful towards the environmental aspects and as a result new and innovative concepts are being introduced to make them sustainable and eco-friendly. To preserve the environment within the institution, a number of viewpoints are applied by the several educational institutes to solve their environmental problems such as promotion of the saving the energy, waste recycle, water consumption reduction, water harvesting and many more...

The activities carried out by the institution can also create adverse environmental impacts. Green audit is defined as an official inspection of the effects an institution has on the environment. Green Audit is conducted to evaluate the actual scenario at the institution campus. Green audit can be a useful tool for a university /college to determine how and where they are using the most of the energy or water or resources; the institution can then decide how to implement changes and make savings. It can also be used to determine the nature and volume of waste, which can be used for a recycling project or to improve waste minimization plan.

Green auditing and the application of mitigation measures is a win-win situation for all the institutions, the learners and the mother earth. It can also result in health awareness and can promote the environmental awareness, values and beliefs. It provides a better understanding to staff and students about the Green impact on institution. Green auditing also upholds financial savings through reduction of resource usage. It gives an opportunity to the students and teachers for the development of ownership of the personal and social responsibility. The audit process involves primary data collection, site walk through with the team of college including the assessment of policies, activities, documents and records.

GREEN AUDIT REPORT

VIDYA BHAWAN RURAL INSTITUTE, UDAIPUR

Established in 1956, Vidya Bhawan Rural Institute (VBRI) is now a leading postgraduate college in Udaipur. From the beginning, the college has aspired to create a cadre of rural leaders, with a good grounding in diverse social issues. Institute is located at Badgaon, near the city of lakes Udaipur in southern Rajasthan. The College is situated in **60 acres of green, clean and serene environment which is also evident from the ambient air quality report**

GREEN INITIATIVES

Green practices are inbuilt in the constitution of vidya bhawan society and because of this, approximately 30 percent of the area of VBRI campus has natural vegetation.

During the last five years several green initiatives were taken by the institute to make campus green and more resilient. Few among them are:

- Vehicle free zone Best practices

Today vehicles are increasing day by day contributing much to air and sound pollution. The vehicles that belong to the staff and students of educational institutions are no exception to this. Avoiding or banning the use of vehicles is an impossible task. But our institution thought of contributing a little in our own way to reduce pollution. This gave birth to the idea of making the college campus vehicle free zone by restricting the vehicle in certain area of the campus. This will keep the college campus free from sound and smoke and thereby to save our environment is the goal of this practice. Full support and cooperation of students and teachers have made

- The institution has composting pits for organic solid waste management.
- Slogan Plates are pasted in the college campus to minimise the use of single use plastic.
- The campus has raw land area and rainwater harvesting pits for better groundwater recharge.
- The campus has solar lights used for street lights.
- Plantation drives in nearby area, local bodies in order to balance the carbon emission and absorption.

- Trees species name plates with barcode that will give complete information about the tree in detail.
- Ambient air quality testing.
- Awareness drives for the protection and conservation of biodiversity and environment.

GREENING THE CAMPUS

VBRI campus has vast area of vegetation where variety of trees and plant species are found. We have various garden and natural vegetation area i.e. Botanical garden, CAD Block garden, Gol Chakkar garden, and nearby area.

Plant species growing in the Botanical garden

S. No.	Plant name	Common name	Family
1.	*Adhatoda zeylanica*	Adussa	Acanthaceae
2.	*Agave americana*	-	Asparagaceae
3.	*Aloevera*	Aloe	Liliaceae
4.	*Annona squamosa*	Sitaphal	Annonaceae
5.	*Asparagus officinalis*	Shatavari	Asparagaceaae
6.	*Azadirachta indica*	Neem	Meliaceae
7.	*Bambusa vulgaris*	Golden bamboo	Dendrocalamaceae
8.	*Bombax ceiba*	Semal	Bombacaceae)
9.	*Bougainvillea*	–	Nyctaginaceae
10.	*Brassica campestrtis*	Sarsoo	Brassicaceae
11.	*Callistemon citrinus*	Bottle brush	Rutaceae
12.	*Calotropis gigantea*	Aakra	Asclepiadaceae
13.	*Calotropis procera*	Aakra	Asclepiadaceae
14.	*Canna indica*	Kali	Cannaceae
15.	*Carica papaya*	Papaya	Cucurbitaceae
16.	*Caryota mitis*	Fish tail palm	Arecaceae
17.	*Cassia fistula*	Amaltash	Caesalpinaceae
18.	*Catharanthus roseus*	Sadabahar	Apocynaceae
19.	*Cissus quadrangularis*	Hadjod	Vitaceae
20.	*Citrus limon*	Lemon	Rutaceae
21.	*Citrus sinensis*	Sweet orange	Rutaceae

S. No.	Plant name	Common name	Family
22.	*Cocos nucifera*	Coconut, Nariyal	Arecaceae
23.	*Coleus amboinicus syn Plectranthus amboinicus*	Cuban oregano	Lamiaceae
24.	*Commiphora wightii*	Gugal	Combretaceae
25.	*Cordia dichotoma*	Lasora, Gunda	Ehretiaceae
26.	*Curcuma domestica*	Haldi	Zingiberaceae
27.	*Cycas*	–	Cycadaceae
28.	*Cymbopogon citratus*	Lemon grass	Poaceae
29.	*Dalbergiasissoo*	Sisham	Fabaceae
30.	*Datura stramonium*	Datura	Solanaceae
31.	*Delonix regia*	(Gulmohar)	Caesalpiniaceae
32.	*Dendrocalamus strictus*	(bomboo)	Bam
33.	*Diospyros melanoxylon*	Tendu pata	Ebenaceae
34.	*Dracaena fragrans (leaves yellow on margin and green inside)*	Warneckii	Araceae
35.	*Dracaena marginata (pink leaves)*	Dragon tree	Araceae
36.	*Dracaena sanderiana (green leaves)*	Lucky bamboo	Araceae
37.	*Dracaena trifasciata (growing outside the Bot. lab.)*	Snake plant	Araceae
38.	*Duranta erecta*	Golden Dewdrop	Verbenaceae
39.	*Elaeocarpus ganitrus*	Rudraksh	Elaeocarpaceae
40.	*Eucalyptus citridora*	Nilgiri	Myrtaceae
41.	*Euphorbia neriifolia*	Dandathor	Euphorbiaceae
42.	*Ficus benghalensis*	Bad	(Moraceae)
43.	*Ficus religiosa*	Pipal	Moraceae
44.	*Hibiscus schizopetalus*	China rose	Malvaceae
45.	*Holopteleaintegrifolia*	Churel	Ulmaceae
46.	*Hydrillaverticillata*	Hydrilla	Alismataceae
47.	*Hymenocallis littoralis*	Lili	Amaryllidaceae
48.	*Hyophorbe lagenicaulis*	Bottle palm	Arecaceae

S. No.	Plant name	Common name	Family
49.	*Ixora coccinea*	Ixora	Rubiaceae
50.	*Kalanchoe pinnata*	Pather chhata	Commelinaceae
51.	*Mangifera indica*	Aam	Anacardiaceae
52.	*Mentha spicata*	Mint	Lamiaceae
53.	*Moringa concanensis*	Saijaana/Sargaana	Moringaceae
54.	*Murraya koenigii*	Meeta neem	Rutaceae
55.	*Ocimum*	Tulsi	Lamiaceae
56.	*Palm*	–	Aracaceae
57.	*Pandanus fasicularis sps*	Kevada	Pandanaceae
58.	*Philodendron hederaceum*	–	Araceae
59.	*Phoenix sylvestris*	Khajoor	Arecaceae
60.	*Phyllanthus embelica*	Amla	Euphorbiaceae
61.	*Plumeria alba*	Cultivated Champa	Apocynaceae
62.	*Plumeria pudica*	Cultivated Champa	Apocynaceae
63.	*Pontederiacrassipes /Eichhorniacrassipes*	Jal-kumbhi/water hyacinth	Pontederiaceae
64.	*Psidium guajava*	Guava	Myrtaceae
65.	*Punica granatum*	Anar	Lythraceae)
66.	*Rosa*	Gulab	Rosaceae
67.	*Santalum album*	Chandan	Santalaceae
68.	*Simarouba glauca*	Paradise tree	Simaroubaceae
69.	*Syzygium cumini*	Jamun	Myrtaceae
70.	*Tectona grandis*	Sagwan	Verbenaceae
71.	*Tinospora cordifolia*	neem giloy	Menispermaceae
72.	*Tradiscantia pallida*	Spiderworts	Commelinaceae
73.	*Triticum astivum*	Wheat	Poaceae
74.	*Tylophora asthmatica*	Dama bel	Asclepiadaceae
75.	*Wrightia tinctoria*	Khirni	Apocynaceae
76.	*Zingiber officinale*	Adarak	Zingiberaceae

Plant species growing in the 'GOL CHAKER Garden and nearby area'

S. No.	Plant name	Common name	Family
1.	*Agave americana*		Asparagaceae
2.	*Azadirachta indica*	Neem	Meliaceae
3.	*Bombax ceiba*	Semal	Bombacaceae
4.	*Bougainvillea*		Nyctaginaceae
5.	*Butea monosperma*	Palash	Fabaceae
6.	*Cassia fistula*	Amaltash	Caesalpinaceae
7.	*Crinum asiaticum*	Sudershan	Amaryllidaceae
8.	*Dalbergia lanciolaria*	Sisham	Fabaceae
9.	*Dracaena trifasciata (growing outside the Bot. lab.)*	Snake plant	Araceae
10.	*Duranta erecta*	Golden Dewdrop	Verbenaceae
11.	*Eucalyptus citridora*	Nilgiri	Myrtaceae
12.	*Feronia limonia/ Limonia acidissima*	Kotambari	Rutaceae
13.	*Ficus benghalensis*	Bad	Moraceae
14.	*Gliricidia sepium*	-	Fabaceae
15.	*Hibiscus rosa-sinensis*	China rose	Malvaceae
16.	*Holoptelea integrifolia*	Churel	Ulmaceae
17.	*Jacranda*	-	Fabaceae
18.	*Leucena leucophloea*	Sub babul	Fabaceae
19.	*Mangiferaindica*	Aam	Anacardiaceae
20.	*Millingtonia hortensis*	Neem chameli, tree jasmine	Bignonaceae
21.	*Nerium oleander*	Kaner	Apocynaceae
22.	*Opuntia*	Nagphani	Cactaceae
23.	*Plumeria alba*	Cultivated Champa	Apocynaceae
24.	*Polyalthia longifolia*	False Ashok	Annonaceae
25.	*Rosa*	Gulab	Rosaceae
26.	*Santalum album*	Chandan	Santalaceae
27.	*Terminalia arjuna*	Arjun	Combretaceae
28.	*Tinospora cordifolia*	neem giloy	Menispermaceae
29.	*Ziziphus mauritiana*	Bor	Rhamnaceae

Plant species growing at GAD block Garden

S. No.	Plant name	Common name	Family
1.	*Annona squamosa*	Guvava	*Annonaceae*
2.	*Azadirachta indica*	Neem	Meliaceae
3.	*Guazuma ulmifolia*	Bhadraksh	Strculiaceae
4.	*Mangifera indica*	Aam	Anacardiaceae)
5.	*Nerium oleander*	Kaner	Apocynaceae
6.	*Plumeria alba*	Cultivated Champa	Apocynaceae
7.	*Pteris*	-	Pteridophytes
8.	*Rosa*	Gulab	Rosaceae
9.	*Syzygium cumini*	Jamun	Myrtaceae
10.	*Tinospora cordifolia*	*neem giloy*	Menispermaceae
11.	*Ziziphus mauritiana*	Bor	Rhamnaceae

Tree species growing at main campus of college

S. No.	Plant name	Common name	Family
1.	*Albizia lebbeck*	Siris	Fabaceae
2.	*Azadirachta indica*	Neem	Meliaceae
3.	*Bauhinia racemosa*	Jhinjha	Caesalpiniaceae
4.	*Cassia fistula*	Amaltash	Caesalpinaceae
5.	*Holoptelea integrifolia*	Churel	Ulmaceae
6.	*Polyalthia longifolia*	False Ashok	*Annonaceae*
7.	*Wrightia tinctoria*	Khirni	Apocynaceae
8.	*Dalbergia lanciolaria*	*Sisham*	Fabaceae
9.	*Dalbergia sissoo*	Sisham	Fabaceae

LISTOF PLANT SPECIES GROWING IN VBRI CAMPUS WITH BARCODE

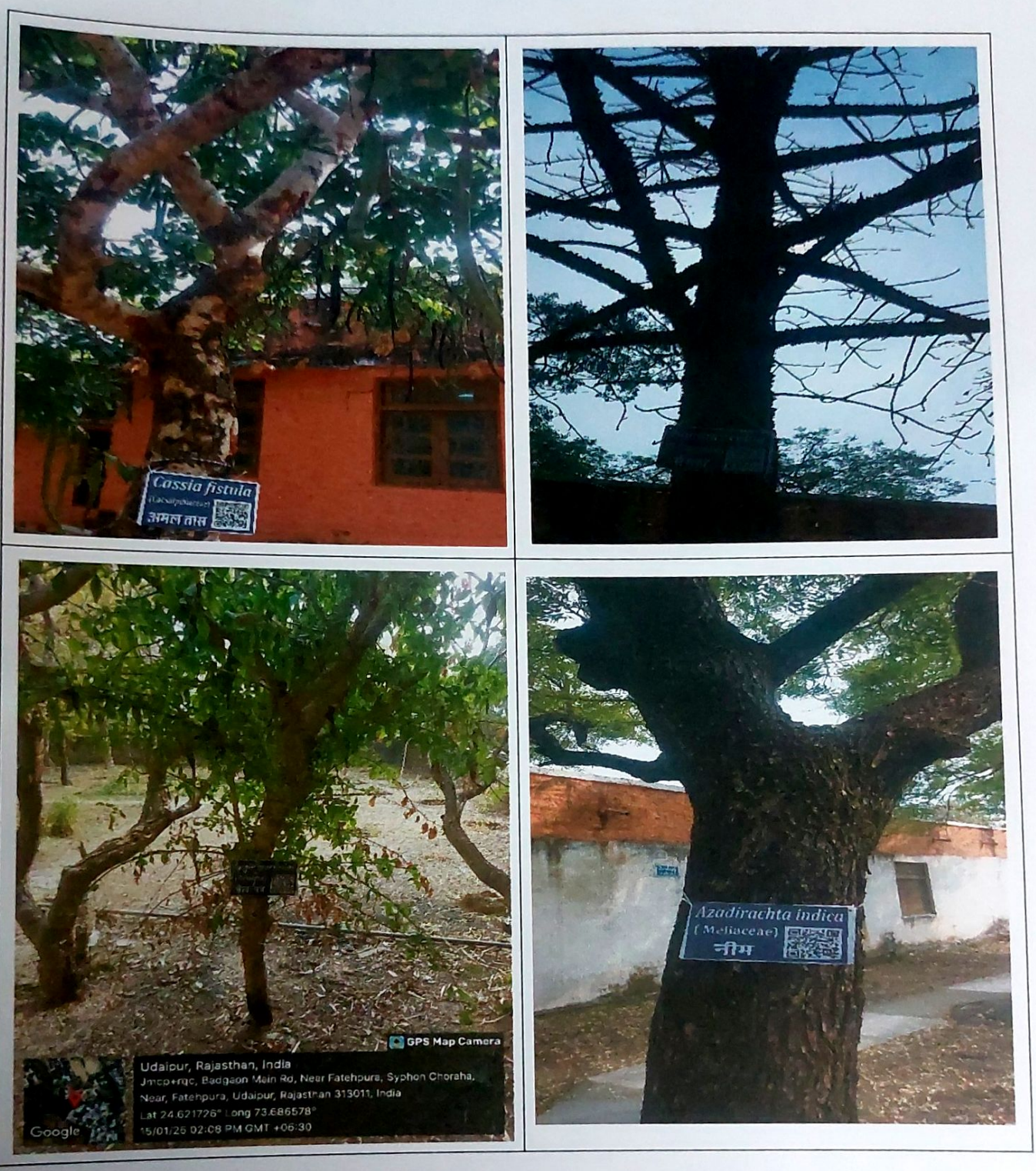
S. No.	Botanical name (Family)	Common/ Local name	QR Code
1.	*Aegle marmelos* (Rutaceae)	Bel, Bel-patra	
2.	*Ailanthus excelsa* (Simroubaceae)	Arru, Ardu	
3.	*Albizia lebbeck* (Mimosaceae)	Siris	
4.	*Albizia odorratissima* (Mimosaceae)	Kala siris	
5.	*Bauhinia racemosa* (Caesalpiniaceae)	Jhinjha	
6.	*Bauhinia variegata* (Caesalpiniaceae)	Kachnar	
7.	*Bombax ceiba* (Bombacaceae)	Semal	
8.	*Callistemon citrinus* (Rutaceae)	Bottle brush	
9.	*Cassia fistula* (Caesalpiniaceae)	Amaltas	

S. No.	Botanical name (Family)	Common/ Local name	QR Code
10.	*Citrus limon* (Rutaceae)	Lemon	
11.	*Clitoria ternatea* (Fabaceae)	Gokarni	
12.	*Cordia dichotoma* (Ehretiaceae)	Lasora, Gunda	
13.	*Cycas* (*Cycadaceae*)	Sago Palm	
14.	*Cymbopogon citratus* (Poaceae)	Lemon grass	
15.	*Dalbergia sissoo* (Fabaceae)	Sisham	
16.	*Delonix regia* (Caesalpiniaceae)	Gulmohar	
17.	*Eucalyptus citridora* (Myrtaceae)	Nilgiri	
18.	*Feronia limonia* (Rutaceae)	Kotambari	

S. No.	Botanical name (Family)	Common/ Local name	QR Code
19.	*Ficus benghalensis* (Moraceae)	Badd, Bargad, Vad, Vadlo, Badla	
20.	*Ficus religiosa* (Moraceae)	Pipal, Peepli	
21.	*Hibiscus rosa- sinensis* (Malvaceae)	China-rose	
22.	*Holoptelea integrifolia* (Ulmaceae)	Churel	
23.	*Jacaranda mimosifolia* (*Bignoniaceae*)	Jacaranda	
24.	*Mallingtonia hortensis* (*Bignoniaceae*)	Indian cork tree	
25.	*Mangifera indica* (Anacardiaceae)	Aam	
26.	*Mentha spicata* (Lamiaceae)	Pudina, Mint	
27.	*Moringa concanensis* (Moringaceae)	Saijaana/Sargaana	
28.	*Nerium oleander* (Apocynaceae)	Kaner	

S. No.	Botanical name (Family)	Common/ Local name	QR Code
29.	*Nyctanthes arbor - tristis* (Oleaceae)	Har-singar	
30.	*Ocimum indicum* (Lamiaceae)	Tulsi	
31.	*Opuntiaelatior* (Cactaceae)	Nagphani	
32.	*Pandanus fascicularis* Lam. (Pandanaceae)	Kewda	
33.	*Phoenix sylvestris* (Arecaceae)	Khajoor	
34.	*Phyllanthus embelica* (Euphorbiaceae)	Amla	
35.	*Pithecellobium dulce* (Mimosaceae)	Kikar	
36.	*Plumeria alba* (Apocynaceae)	Champa	
37.	*Polyalthia longifolia* (Annonaceae)	Aasha pal	
38.	*Pongamia pinnata* (Fabaceae)	Karanj	

S. No.	Botanical name (Family)	Common/ Local name	QR Code
39.	*Psidium guajava* (Myrtaceae)	Guava	
40.	*Punica granatum* (Lythraceae)	Anar	
41.	*Santalum album* (Santalaceae)	Chandan	
42.	*Syzygium cumini* (Myrtaceae)	Jamun	
43.	*Tamarindus indica* (Caesalpiniaceae)	Imali	
44.	*Tectona grandis* (Verbenaceae)	Sagwan	
45.	*Terminallia arjuna* (Combretaceae)	Arjun	
46.	*Wrightia tinctoria* (Apocynaceae)	Khirni	
47.	*Dalbergia lanciolaria* (Fabaceae)	Sisham	



Pictures Showing Barcode Plates Pasted on the Plant Species Growing in the VBRI Campus

ANIMAL WELFARE

List the animals (wild and domestic) found on the campus (dogs, cats, squirrels, birds, insects, etc.)

A variety of birds, butterflies, snakes species and other fauna are found in the campus. Especially the national bird of India "Peacock" is found abundantly in the campus. Around 15 dogs, 10 Cats, 100+ butterflies, 300+ Squirrels and 300+ Birds are available, so the institute is doing their bit for biodiversity conservation. The list of various species of Birds, snakes and butterflies seen at VBRI campus is as follows:

Bird species seen at VBRI campus

S. No.	Scientific Name	Common name
1.	*Pavo cristatus*	Indian Peafowl
2.	Corvus splendens	House Crow
3.	Passer domesticus	House Sparrow
4.	*Psittacula krameri*	Rose-ringed Parakeet
5.	Psittacula cyanocephala	Plum-headed Parakeet
6.	*Columba livia*	Rock Pigeon
7.	*Eudynamys scolopaceus*	Asian Koel
8.	*Athene brama*	Spotted Owlet
9.	*Ortygornis pondicerianus*	Gray Francolin
10.	*Streptopelia decaocto*	Eurasian Collared-Dove
11.	*Threskiornis melanocephalus*	Black-headed Ibis
12.	*Dicrurus macrocercus*	Black Drongo
13.	*Corvus splendens*	House Crow
14.	*Curruca curruca*	Lesser Whitethroat
15.	*Chrysomma sinense*	Yellow-eyed Babbler
16.	*Argya malcolmi*	Large Gray Babbler
17.	*Acridotheres tristis*	Common Myna
18.	*Luscinia svecica*	Bluethroat
19.	*Euodice malabarica*	Indian Silverbill
20.	*Lonchura punctulata*	Scaly-breasted Munia
21.	*Vanellus indicus*	Red-wattled Lapwing
22.	*Ocyceros birostris*	Indian Gray Hornbill
23.	*Aegithina tiphia*	Common Iora
24.	*Lanius schach*	Long-tailed Shrike
25.	*Cinnyris asiaticus*	Purple Sunbird
26.	*Burhinus indicus*	Indian Thick-knee

Snakes species seen at VBRI Campus

Venomous snakes

S. No.	Scientific Name	Common name	Family
1.	*Naja naja*	Indian cobra (spectacled cobra)	Elapidae
2.	*Daboia russelii*	Russell's Viper	Family Viperidae Subfamily Viperinae
3.	*Echis coloratus*	Palestine Saw-scaled Viper	Family Viperidae Subfamily Viperinae
4.	*Bungarus caeruleus*	common krait	Elapidae

Non-venomous snakes

S. No.	Scientific Name	Common name	Family
1.	*Python molurus*	Common Python, Indian rock python, Ajgar	Pythonidae
2.	*Ptyas mucosa*	Oriental Rat Snake	Colubridae Subfamily Colubrinae
3.	*Oligodon arnensis*	Common kukri	Family Colubridae Subfamily Colubrinae
4.	*Eryx johnii*	Red Sand Boa, Indian Sand Boa Domuhi	Family Boidae Subfamily Erycinae
5.	*Eryx conicus*	Rough-scaled Sand Boa, Common sand Boa,	family Boidae subfamily Erycinae
6.	*Dendrelaphis tristis*	Common Bronze back Tree Snake, Daudin's bronzeback	Family Colubridae Subfamily Ahaetuliinae
7.	*Lycodon capucinus*	Common wolf snake	Family Colubridae Subfamily Colubrinae
8.	*Ptyas mucosa*	Oriental Rat Snake, Indian rat snake, 'darash' or dhaman	Family Colubridae Subfamily Colubrinae
9.	*Tryphlops*	Blind snake	Family Typhlopidae Subfamily Typhlopinae

Butterflies species at VBRI Campus

S. No.	Scientific Name	Common Name
1.	*Eurema hecabe hecabe*	Oriental Common grass yellow
2.	*Eurema laeta laeta*	Indian Spotless Grass Yellow
3.	*Appias albino*	Common Albatross
4.	*Eurema brigitta rubella*	Red Line Small Grass Yellow
5.	Junonia orithya	Blue Pansy
6.	*Junonia orithya swinhoei*	Pale Blue Pansy
7.	*Junonia lemonias* (*Brown butterfly*)	Lemon Pansy (*Brown butterfly*)

PEAFOWL ZONE OF VBRI

Peafowl zone is an area in the VBRI campus where peafowl are naturally conserved and some practises are carried out for their conservation. In this zone of the VBRI campus area, peafowls are found abundantly with their families and can easily be watched during early morning and evening hours. The Indian Peafowl (Peacock & Peahen), *Pavo cristatus*, the National Bird of India, is a colorful, swan-sized bird with a fan-shaped crest of feathers, a white patch under the eye, and a long, slender neck.

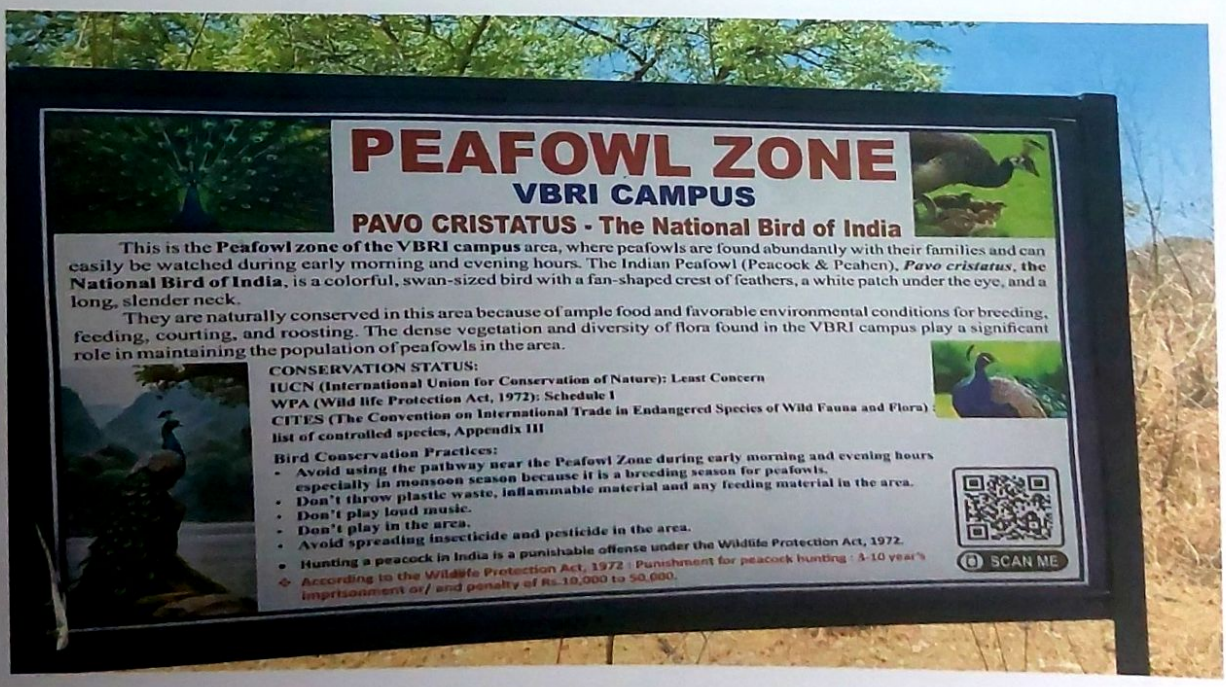
They are naturally conserved in this area because of ample food and favorable environmental conditions for breeding, feeding, courting, and roosting. The dense vegetation and diversity of flora found in the VBRI campus play a significant role in maintaining the population of peafowls in the area.

The term "Peacock" is commonly used to refer to birds of both sexes. Technically, only males are Peacock, females are peahens and together they are called peafowl.

Peacock belongs to Schedule-I of the Wildlife (Protection) Act 1972.

CLASSIFICATION

Kingdom: Animalia
Phylum: Chordata
Class: Aves
Order: Galliformes
Family: Phasianidae
Genus: Pavo
Species: Pavo cristatus
Vernacular name: Indian Peafowl



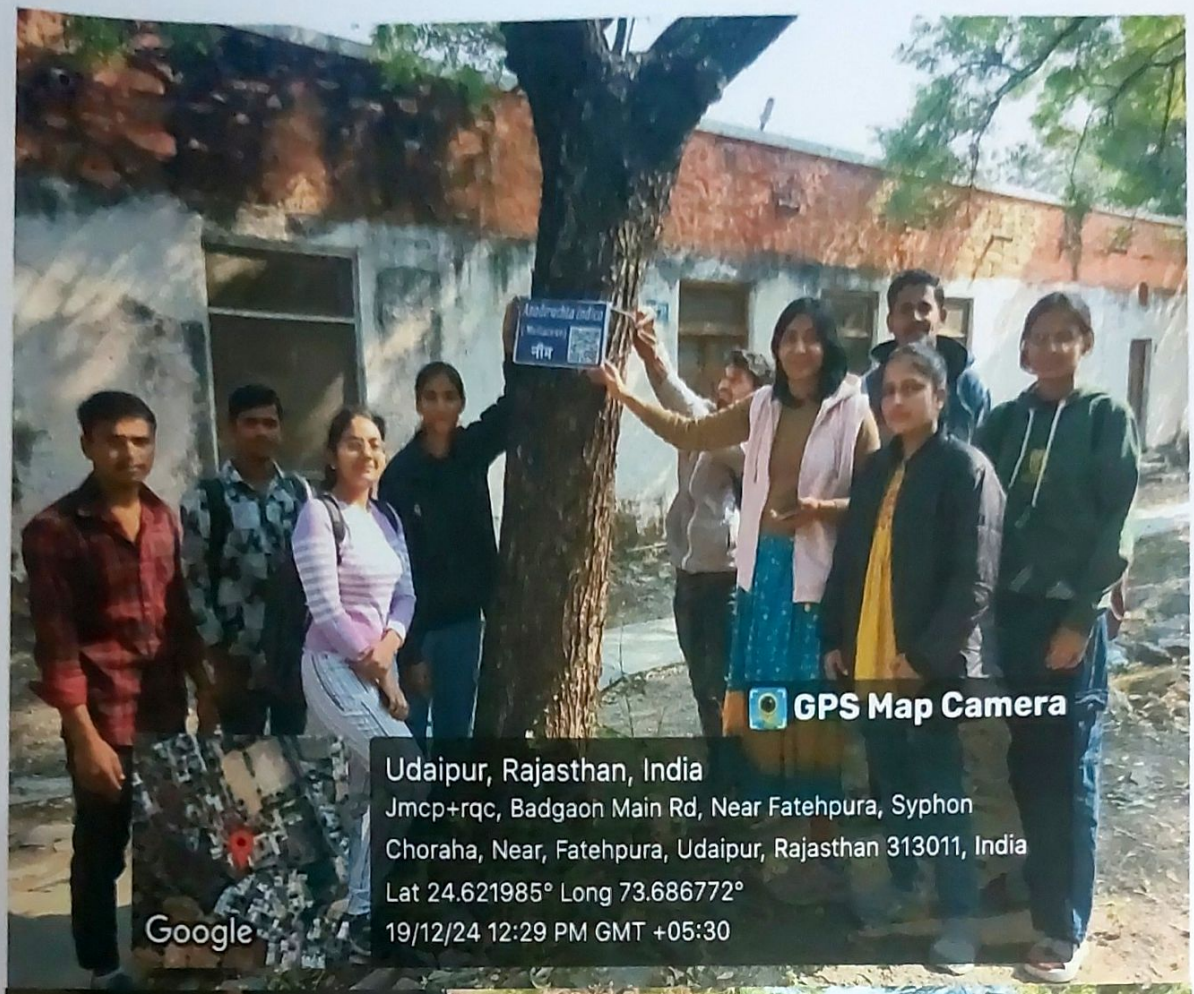
Board Showing Detail Information about the National Bird of India

ACTIVIES FOR ENVIRONMENT PROTECTION AND CONSERVATION

Various plantation and awareness programs were done by the institution to conserve and protect the environment. Various activities done by the institution are as follows:

S. No.	Date	Activity	Resource person	Venue
1.	19.08.2020	Plantation during "Swachta Abhiyan" by NSS Students	NSS Team	VBRI Campus
2.	21.12.2021 to 27.12.2021	Lecture and Awareness Program to protect environment during seven days NSS camp	Dr. R.L. Shrimal	Bhilo Ka Bedla
3.	11.08.2022	Plantation during "Meri Mati Mera Desh Abhiyan" and "Har Ghar Tiranga" Program by NSS Team & Students.	NSS Team	VBRI Campus
4.	13.08.2022	Plantation during "Har Ghar Tiranga" Program "Aajadi Ka Amrit Mahotsav" by Students	NSS Team	VBRI Campus
5.	07.11.2022	Visit of Students at "Madana Vermicompost" Manufacturing by Dept. of Zoology, VBRI, Udaipur	Mr. Pankaj Dangi	"Madana Vermicompost" Manufacturing Unit, Village Sabalpura, Udaipur
6.	10.11.2022	Slogan & Poster competition on "Plastic Free India" by IQAC Team, VBRI, Udaipur	IQAC Team, VBRI, Udaipur	VBRI, Udaipur
7.	15.11.2022	Poster competition on "Water Quality & Water Pollution" and "Pollution a Major Threat" by Dept. of Chemistry, VBRI, Udaipur	Head, Dept. of Chemistry & Staff	Dept. of Chemistry, VBRI, Udaipur
8.	12.07.2023	Plantation at Botanical Garden	Dr. Ajay Mehta (President, VBS, Udaipur)	Botanical Garden Dept. of Botany, VBRI, Udaipur
9.	06.10.2023	Soil collection and "Panch Pran Shapath" during "Meri Mati Mera Desh Abhiyan" and "Amrit Kalash Stapana" Program by NSS Team & Students	NSS Team	VBRI Campus

S. No.	Date	Activity	Resource person	Venue
10.	02.11.2023	Poster competition on Green Chemistry & Environment Sustainability by Dept. of Chemistry, VBRI, Udaipur	Head, Dept. of Chemistry & Staff	Dept. of Chemistry, VBRI, Udaipur
11.	17.12.2023	Field visit for Plant Identification by Dept. of Botany, VBRI, Udaipur	Dr. Satish Sharma	VBRI Campus
12.	12.01.2024	Field visit for Bird Watching at "Udaipur Bird Festival" for B.Sc. Biology student by Dept. of Zoology, VBRI, Udaipur	Bird Èxpert at "Udaipur Bird Festival"	Golden Park, Lake Pichola, Sisarma, Udaipur.
13.	17.01.2024	1. Lecture on "Environment Protection" 2. Lecture on "Birds behavior, habits and Migratory & Native Birds" organized on 3rd day of 7 Day NSS Camp by NSS Team	Dr. Vinay Dave	Prakriti Sadhana Kendra
14.	27.01.2024	Plant based ornaments making competition by Dept. of Botany, VBRI, Udaipur	Dr. T. P. Sharma (Director VBRI, Udaipur)	Dept. of Botany, VBRI, Udaipur
15.	10.07.2024	Plantation by NSS students	Dr. T. P. Sharma (Director VBRI, Udaipur) Dr. Saba Khan	VBRI Campus
16.	07.08.2024	Plantation during "Hariyalo Rajasthan" program under the aegis of National Service Scheme Unit by VBRI Staff & Students	Dr. T. P. Sharma (Director VBRI, Udaipur)	VBRI Campus
17.	11-16.11.2024	Awareness campaign for the promotion of plantation of native species in urban areas	Dr. Anita Jain & Upma Bhatt	Nature club and Dept. of Botany, VBRI, Udaipur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Choraha, Near, Fatehpura, Udaipur, Rajasthan 313011, India
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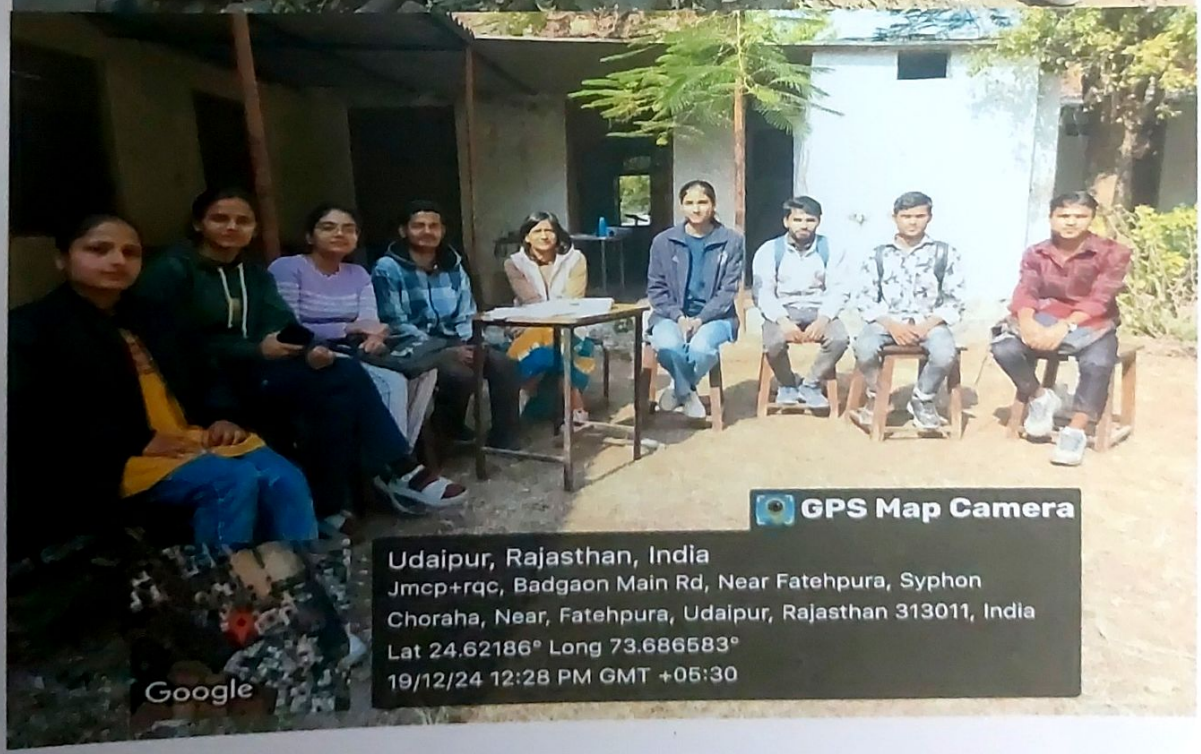
19/12/24 12:29 PM GMT +05:30
Google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Choraha, Near, Fatehpura, Udaipur, Rajasthan 313011, India
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19/12/24 12:28 PM GMT +05:30
Google

Vbri Udaipur
8 Aug 2024 ·

विद्या भवन रुरल इंस्टीट्यूट की राष्ट्रीय सेवा योजना इकाई के तत्वावधान में हरियालो राजस्थान कार्यक्रम के तहत वृक्षारोपण कार्यक्रम आयोजित हुआ, जिसमें संकाय सदस्यों और विद्यार्थियों के द्वारा पौधारोपण किए गए। 7 August 2024

See Translation

Awareness Campaign done by Nature Club and Department of Botany for the Plantation in Urban Area

Vbri Udaipur is with **Anita Jain**.

19 Nov 2024 ·

Awareness campaign for the promotion of plantation of Native species in Urban Areas

The Department of Botany and Nature Club at Vidya Bhawan Rural Institute, Udaipur, organized a one-week campaign in November to address pressing environmental concerns through community engagement. The initiative focused on prom... See more


Udaipur Rajasthan India
30°C
JMCP+RQC, Badgaon Main Rd, near Fatehpura, Syphon Choraha, Near, Fatehpura, Udaipur,
Lat: 24.62 | Long: 73.69
12/07/2023 10:50 AM, GMT+05:30
Wed, 12 Jul
Google
SYPHO
CHORA

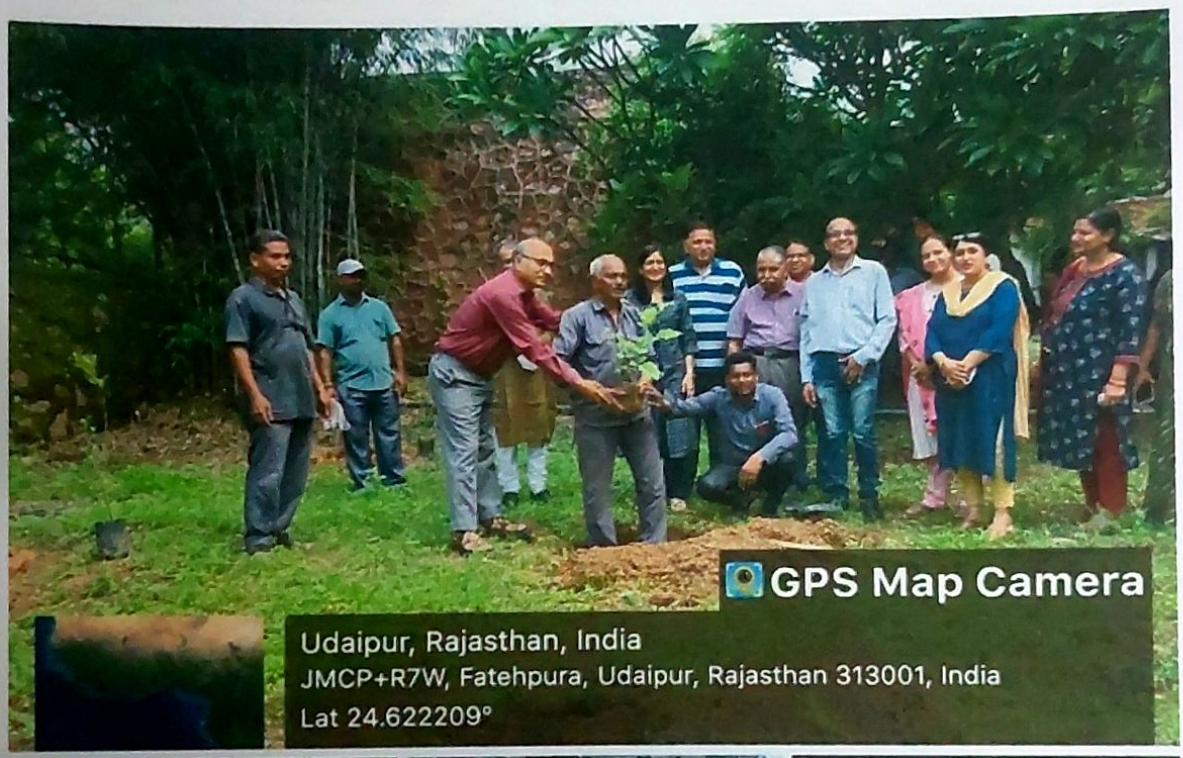

GPS Map Camera
Udaipur, Rajasthan, India
JMCP+R7W, Fatehpura, Udaipur, Rajasthan 313001, India
Lat 24.622209°
Long 73.686168°
12/07/23 10:43 AM GMT +05:30
Google

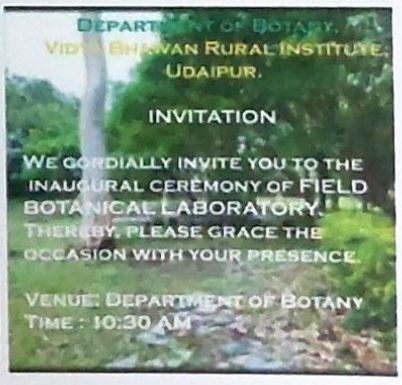
Vbri Udaipur is with **Tej Prakash Sharma** and **Anita Jain.**

12 Jul 2023 ·

"Glimpse of Inaugural ceremony of "Field Botanical Laboratory"

To develop field botanical laboratory at VBRI, Udaipur thematic plantation was done. Main feature of this botanical garden is development of different grooves like citrus groove, palm groove, bamboo groove,... See more





Home Watch 9+ Friends 2 Profile Notifications 6 Menu

Vbri Udaipur

Posts Reels

Vbri Udaipur is with **Naresh Rao** and **18 others.**

18 Dec 2023 ·

Department of Botany, Vidya Bhawan rural institute, organise one day workshop for the Biology student to identify plants in the field.
During thesession, students had the unique opportunity to interact renowned biodiversity expert Dr. Satish Sharma, who not only imparted knowledge on plant identification but also emphasized the profou... See more

11:57 LTE 78

Vbri Udaipur

Posts Reels

Vbri Udaipur
13 Jan 2024 ·

"Field visit by Department of Zoology, VBRI".

Department of Zoology, VBRI, Udaipur organised a field visit for students of B.SC. Biology at "UDAIPUR BIRD FESTIVAL" organised by Forest Department, Udaipur, Government of India on 12 January, 2024 at Golden park, Lake pichola, Sisar... See more

Vbri Udaipur
27 Jan 2024 ·

विद्या भवन रूरल इंस्टीट्यूट के वनस्पति विज्ञान विभाग द्वारा पादपों की सहायता से आकर्षक गृहसज्जा सामान और आभूषण बनाओ प्रतियोगिता आयोजित की गई, जिसमे बीएससी बायोलॉजी के बहुत से छात्र, छात्राओं ने बढ़चढ़ कर भाग लिया। विभागाध्यक्ष डॉ अनिता जैन ने पादपों से ग्रह सज्जा और आभूषण के महत्व को समझाया। साथ ही इसके उपयोग से होने वाले स्वास्थ्य एवं आर्थिक फायदो से अवगत करवाया।डॉ टी पी शर्मा जी और डॉ सबा खान ने कार्यक्रम की अध्यक्षता की एवं प्र... See more

See Translation

Home Watch 9+ Friends 2 Profile Notifications 6 Menu

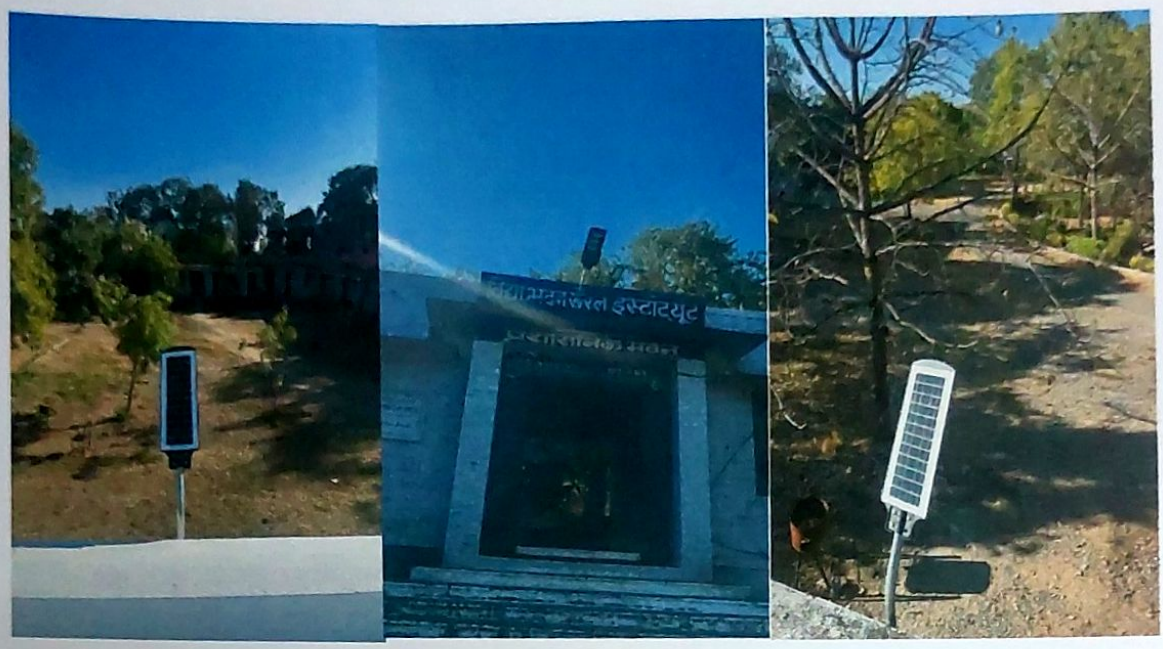
Vbri Udaipur
10 Jul 2024 ·

राष्ट्रीय सेवा योजना (NSS) के द्वारा महाविद्यालय परिसर में किया गया पौधारोपण।

You, Anurag Priyadarshee and 30 others 1 comment

Work done by IQAC in the session 2024-25 for the sustainable practices

1. **GREEN ENERGY INITIATIVE THROUGH SOLAR LIGHTTS**; IQAC installed 5 **solar lights** of 60 W in College campus - Biology Department, Administrative block, Canteen wing, near Geography Department and near entrance gate.

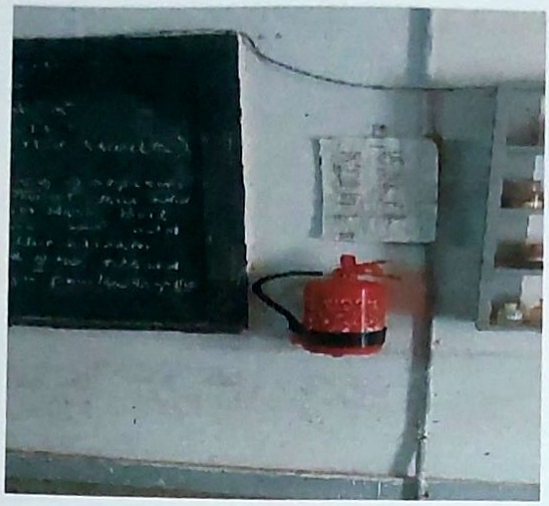


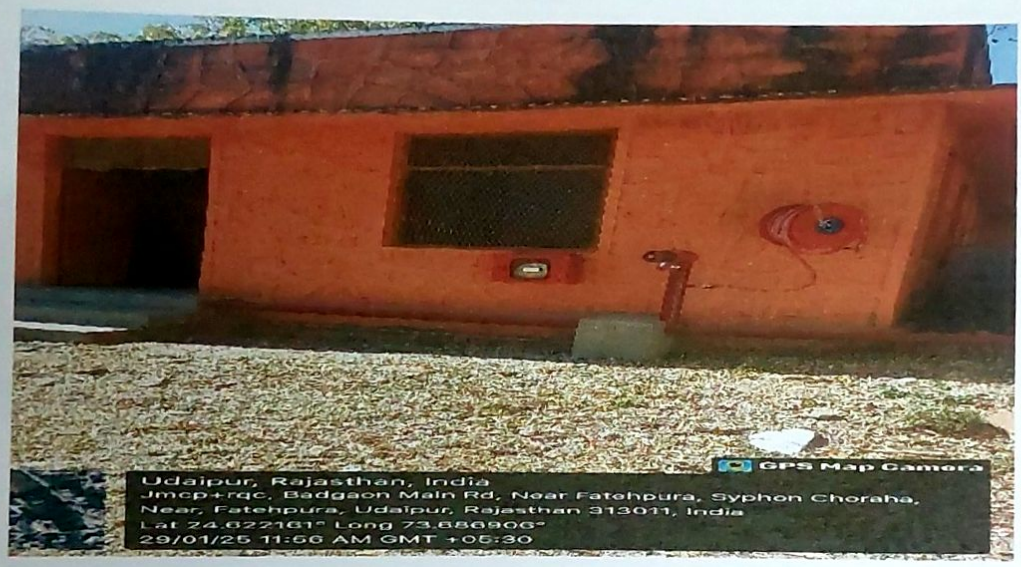
Solar Panels to Generate Green Energy in the Campus

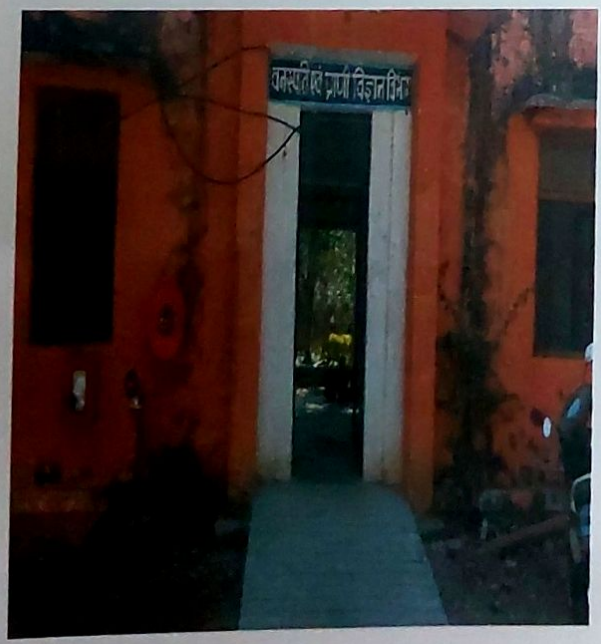
2. **Water harvesting unit** was installed in Chemistry department to collect rain water. This water will be stored for watering plants in the garden.

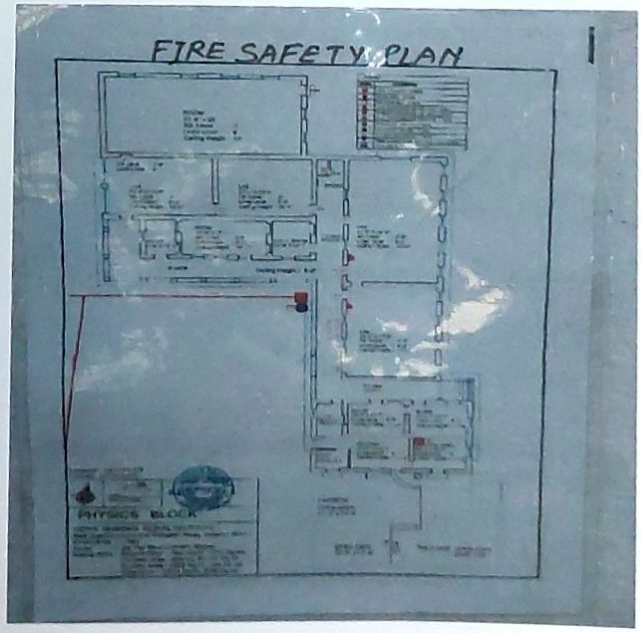
3. **Compost pit-** Two compost pit were prepared for waste management. All dried leaves and plant part residues are dumped in the

4. **Fire Extinguishers and fire safety points with alarm** were installed in the College.









OZONE TEST HOUSE

ISO 9001: 2015, 45001:2018 Certified Environmental, Chemical & Biological Testing Laboratory

Report No. 20250314003 **Date: - 21.03.2025**

TEST REPORT

1.	**Name of Customer**	: VBRI, Udaipur Syphon Circle, Badgaon road, Udaipur, Rajasthan
2.	**Purchase Order Number**	: ----------
3.	**Type of Sample**	: Ambient Air Quality
4.	**Name of Location/Sample**	: Rooftop of Library Campus
5.	**Date of sampling**	: 13.03.2025 to 14.03.2025
6.	**Ambient weather condition**	: Temperature- 34.2 °C, Humidity- 52 %
7.	**Method of sampling**	: IS 5182 & Instrument Manual
8.	**Sample Received on**	: 14.03.2025
9.	**Period of Analysis**	: 14.03.2025 To 21.03.2025
10.	**Sample Collection by**	: Ozone Test House
11.	**Sample Condition**	: Preserved/Sealed/Ok

TEST RESULTS

S. No.	Parameters	Test Method Reference	Unit	Results	CPCB (Norms)
1.	Particulate Matter-size less than 10 µm (PM_{10})	IS 5182 (Part 23)2006 Reaff 2017	µg/m³	55.78	100
2.	Particulate Matter- (size less than 2.5 microns (PM2.5)	IS 5182 (Part 24) 2019	µg/m³	25.82	60
3.	Sulphur Dioxide (SO_2)	IS 5182 (Part 2)-2001 Reaff 2017	µg/m³	5.18	80
4.	Nitrogen Dioxide (NO_2)	IS 5182 (Part 6)-2006 Reaff 2017	µg/m³	7.28	80
5.	Carbon Monoxide (CO)	IS 5182 (Part 10)-1999 Reaff 2019	mg/M³	0.54	4
6.	Ozone (O_3)	IS 5182 (Part 9)1974 Reaff 2019	µg/m³	07.17	180
7.	Ammonia (NH_3)	IS 5182 (Part 25) 2018	µg/m³	05.87	400
8.	Lead (Pb)	IS 5182 (Part 22)	µg/m³	BDL (<0.1)	1.0
9.	Nickel	IS 5182 (Part 22)	ng/M³	BDL (<0.01)	20
10.	Arsenic	IS 5182 (Part 22)	ng/M³	BDL (<0.01)	6.0
11.	Benzene	IS 5182 (Part 11)	µg/m³	BDL (<0.01)	5.0
12.	Benzene (a) Pyrene	IS 5182 (Part 12)	ng/M³	BDL (<0.01)	1.0

Reviewed By & Authorized Signatory

OZONE TEST HOUSE
(Chemical & Microbiological Laboratory)
18, Meera Nagar, Dhkali Road,
Pratap Nagar, UDAIPUR (Raj.)

[Bhagwat Singh Chauhan]

---------- END OF THE REPORT----------

Registered Address: 18- Meeranagar, Dhkli Road, Pratapnagar, Udaipur - 313001 (Rajasthan)
E-mail: ozonetesthouse@gmail.com, ailo.ozonetesthouse@gmail.com
Mob.: +91 7976884545, +91 9929519305
SUBJECT TO TERMS & CONDITIONS OVERLEAF

Report of Ambient Air Quality of VBRI Campus

RECOMMENDATIONS

- Green building guidelines for future expansion projects of the campus.
- Environmental parameters shall be included in the purchase policy to achieve a cradle-to grave approach for sustainability.
- Institute should start the use of Sprinklers for gardening purposes.
- Increase Plantation drives in nearby villages, local bodies, NGOs and Municipal Corporations in order to balance the carbon emission and absorption.
- Arrange training programs on environmental management systems and nature conservation for schools and local people.
- Involve lower hierarchy staff in environmental awareness programs and campaigns.
- Increase in Environmental promotional activities for spreading awareness at the campus.
- Enhance recycling. This can be done by creating a group where students can recycle papers, personal clothes, and other materials for needy students. This can be an initiative under the green program.
- Regular workshops related to Plastic free campus, plantation drives, 3R implementation, e-waste collection, menstrual hygiene, etc. should be carried out.
- Messages should be displayed at various locations to Aware the People about Energy Savings and water conservation.
- The audit will include recommendations for how the institution can improve its environmental performance.

(Dr. T. P. Sharma)
Director
Vidya Bhawan Rural Institute, Udaipur