

MALWANCHAL UNIVERSITY,
INDORE



Environment Audit Report

Dr. Hari Singh Thakur
Ret. Senior Scientist (Agro) Dryland
College of Agril
INDORE- 452 001 (M.P.)

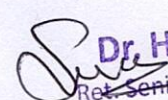
Godhul
Registrar
Malwanchal University
Indore (M.P.)

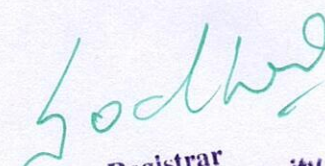
1-INTRODUCTION:-

The Environment and Sustainable development is not possible without the protection of the environment and natural resources and their responsible and fair use. Inadequate control of water, air and soil pollution, waste problem, soil erosion has serious economic health and social consequences. Environmental policy provides answers to negative impacts of human activities on environment and natural resources.

1.1 GOALS OF ENVIRONMENT AUDIT

- To give basic knowledge about the environmental protection
- Identify strength and weakness in environment practices.
- To develop an attitude of concern for the environmental issues
- To motivate the students to participate in environmental protection and improvement activities
- To help the concerned individuals to identifying and solving environmental problems
- To evaluate environmental measures and education programmes.
- To conduct green audit and energy audit


Dr. Hari Singh Thakur
Ret. Senior Scientist (Agro) Dryl
College of Agril
INDORE- 452 001 (M.P.)


Registrar
Malwanchal University
Indore (M.P.)

1.2 OBJECTIVES OF ENVIRONMENTAL AUDIT

- To examine the current practices, which can impact on environments such as of resource utilization, waste management etc.
- To identify and analyze significant environmental issues
- Set up goal, vision, and mission for environment practices in campus.
- Establish and implement Environment Management in various departments.
- Continuous assessment for betterment in performance in environment

2. SCOPE:-

The policy applies to all constituent units of Malwanchal University including students, faculty, staff and visitors.

3. EXECUTIVE SUMMARY

An environmental audit is a snapshot in time, in which one assesses campus performance in complying with applicable environmental laws and regulations. Though a helpful benchmark, the audit almost immediately becomes outdated unless there is some mechanism in place to continue the effort of monitoring environmental compliance.

This audit report contains observations and recommendations for improvement of environmental consciousness

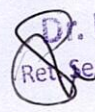
4. MU INFRASTRUCTURE


Registrar
Malwanchal University
Indore (M.P.)

Dr. Hari Singh Thakur
Retd. Senior Scientist (Agro) Dy. Dir.
College of Agril
INDORE- 452 001 (M.P.)

DETAILS OF TRESS AND PLANTS IN CAMPUS

SR.NO.	NAME OF PLANT/TREE	BOTANICAL NAME
1	Nerium	<i>Cascabela Thevetia</i>
2	Gulmohar	<i>Delonix Regia</i>
3	Bottle Palm	<i>Hyophorbe Lagenicaulis</i>
4	Nolina	<i>Beaucarnea Recurvata</i>
5	Ficus	<i>Ficus benjamina L.</i>
6	Kachnar	<i>Bauhinia Variegata</i>
7	Sadabahar	<i>Atharanthus Roseus</i>
8	Spathodea	<i>Spathodea Campanulata</i>
9	Putranjiva	<i>Putranjiva Roxburghii</i>
10	Mango	<i>Mangifera Indica L.</i>
11	Duranta	<i>Duranta Erecta</i>
12	Thuja	<i>Thuja Occidentalis L.</i>
13	Neem	<i>Azadirachta Indica</i>
14	Yellow Bells	<i>Tecoma Gaudichaudi</i>
15	Alstonia	<i>Alstonia Scholaris</i>
16	Fire Bush	<i>Hamelia Patens</i>
17	Cassia Biflora	<i>Senna Polyphylla</i>
18	Bottle Brush	<i>Callistemon</i>

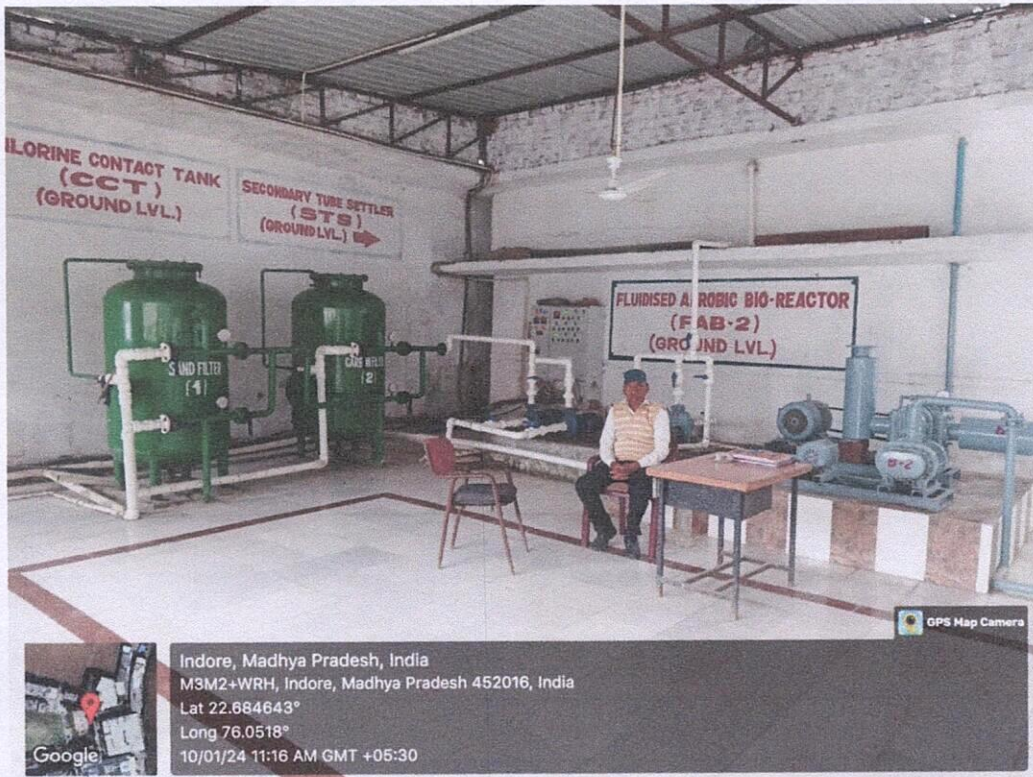

Dr. Hari Singh Thakur
 Ret. Senior Scientist (Agro) Dryland
 College of Agril
 INDORE- 452 001 (M.P.)


Registrar
Malwanchal University
 Indore (M.P.)

5. SEWAGE TREATMENT PLANT

Sewage Treatment Plants are installed in the College campus. The total Sewage Treatment Plant Capacity is 6 LAC.

S.No	Description	Capacity (KLD)
1	Sewage Treatment Plant-01	6 LAC.



Indore, Madhya Pradesh, India
M3M2+WRH, Indore, Madhya Pradesh 452016, India
Lat 22.684643°
Long 76.0518°
10/01/24 11:16 AM GMT +05:30

GPS Map Camera

Dr. Hari Singh Thakur
Ret. Senior Scientist (Agro) Dryland
College of Agril
INDORE- 452 001 (M.P.)

Godkar
Registrar
Malwanchal University
Indore (M.P.)

6. ROPLANT

RO plant is provided inside the campus to supply water to the entire campus.



Pari Singh
Ret. Senior Scientist (Agriculture)
College of Agriculture
INDORE-452 001 (M.P.)

Sodhan
Registrar
Malwanchal University
Indore (M.P.)

7. RAINWATERHARVESTING

The rainwater harvesting strengthens the water supply to the campus lakes as well as enhance water level of wells in the campus through groundwater recharging process.



Dr. Hari Singh Thakur
Ret. Senior Scientist (Agro) Dryla
College of Agril
INDORE- 452 001 (M.P.)

Sod Log
Registrar
Malwanchal University
Indore (M.P.)

8. HEALTH CENTER



URABAN HEALTH CARE CENTER

Dr. Hari Singh Thakur
Ret. Senior Scientist (Agro) Dyalan
College of Agril
INDORE- 452 001 (M.P.)

Boothal
Registrar
Malwanchal University
Indore (M.P.)

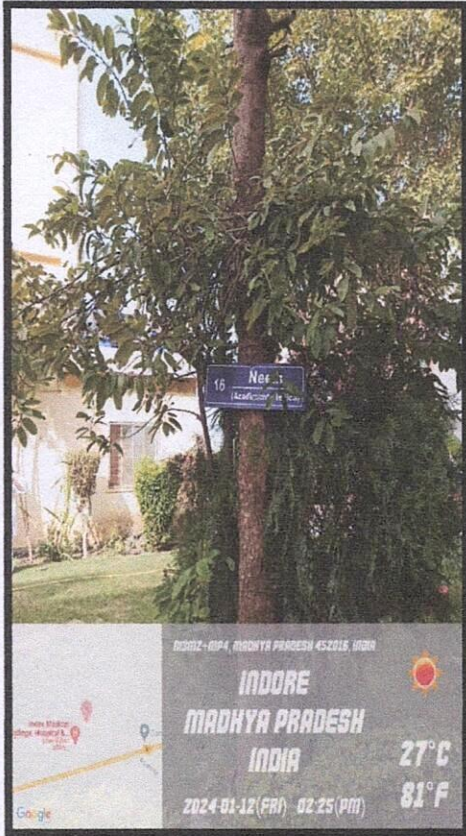
RURAL HEALTH CARE CENTER



Dr. Hari Singh Thakur
Ret. Senior Scientist (Agro) Dryla
College of Agril
INDORE- 452 001 (M.P.)

Godhad
Registrar
Malwanchal University
Indore (M.P.)

VIEWS OF GREENERY



Dr. Hari Singh Thakur
Ret. Senior Scientist (Agro) Dryland
College of Agril
INDORE- 452 001 (M.P.)

Sodhal

Registrar
Malwanchal University
Indore (M.P.)

AERIALVIEWOFGREENERYINCAMPUS



MALWANCHAL UNIVERSITY



Dr. Anil Singh Thakur
Ret. Senior Scientist (Agro) Dryla
College of Agril
INDORE- 452 001 (M.P.)

Sochord.
Registrar
Malwanchal University
Indore (M.P.)

E-WASTEMANAGEMENT

E-waste generated in the campus is disposed in scientific and eco-friendly manner.



Suz

Locker

9. WATERMANAGEMENT

Water conservation is a key activity as water availability affects on the development of the campus as well as on all area of development such as farming, industries, etc.

Keeping this view water conservation activity is carried out.

SOURCES OF WATER

Borewater

A Main source of water is Ground water is extracted to full therequirement.

The college stores the water in overhead tank.

10. CONCLUSION

- 1) All departments generate paper waste. Especially, academic building is using more one paper for printing and writing is good practices.
- 2) Food waste generated in campus is mostly from is collected from dining areas. The food waste is diverted to nearby farm.
- 3) Rain water is collected from rooftop to recharge the groundwater level table.

Sodha
Registrar
Malwanchal University
Indore (M.P.)

Dr. Nar Singh Thakur
Ret. Senior Scientist (Agro) Dryland
College of Agril
INDORE- 452 001 (M.P.)

11. RECOMMENDATIONS

Following are some of the key recommendations for improving campus environment:

1-The environmental committee members are responsible for monitoring environmental protection in whole campus.

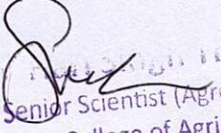
2-Encourage the use of sustainable forms of transport by students and staff

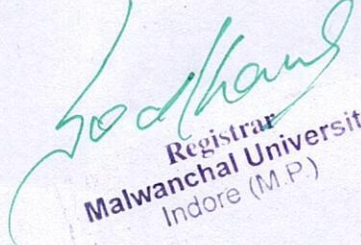
3- Increase the biodiversity of the university campus and surrounding areas

4- Minimize nuisance to local communities and neighbors

5- Use natural resources efficiently and responsibly.

6- The university will strive to practice ecological responsibility Focused on the preservation of its gardens.


Ret. Senior Scientist (Agro) Dryland
College of Agril
INDORE- 452 001 (M.P.)


Registrar
Malwanchal University
Indore (M.P.)