SWAMI VIVEKANAND SUBHARTI UNIVERSITY

GREEN AUDIT REPORT

2023-2024

Prepared by

EHS ALLIANCE SERVICES

TABLE OF CONTENT

CERTIFICATE

EHS alliance

CERTIFICATE

PRESENTED TO

SWAMI VIVEKANAND SUBHARTI UNIVERSITY

Subhartipuram, NH-58, Delhi-Haridwar, Meerut Bypass Rd, Meerut,
Uttar Pradesh 250005

Has been assessed by EHS Alliance Services for the comprehensive study of environmental impacts on institutional working framework to fulfill the requirement of

GREEN AUDIT

ACADEMIC YEAR 2023-24

The green initiatives carried out by the institution have been verified on the report submitted and was found to be satisfactory.

The efforts taken by the management and the faculty towards environment and sustainability are appreciated and noteworthy.

EHS ALLIANCE SERVICES GURGAON

SIGNATURE

22.07.2024
DATE OF AUDIT

EHS ALLIANCE SERVICES, PLOT A-72, SURYA VIHAR, GURUGRAM, 122001
WWW.EHSALL.IN | BUSINESS@EHSALL.IN | EHSALLIANCE@GMAIL.COM

ACKNOWLEDGEMENT

EHS Alliance Services would like to thank the management of Swami Vivekanand Subharti University for assigning this important work of Green Audit. We appreciate the co-operation to the teams for completion of assessment.

First of all, we would like to thank ***Maj. Gen. (Dr.) Gopal Krishan Thapliyal (Retd.) – Hon'ble Vice Chancellor*** for giving us an opportunity to evaluate the environmental performance of the campus.

We would also like to thank ***Prof. (Dr.) Mukesh Ruhela,*** *Professor & Head Department of Environmental Engineering - Audit Coordinator*, for his continuous support and guidance, without which the completion of the project would not have been possible. We are also thankful to other staff members who were actively involved while collecting the data and conducting field measurements.

We are also thankful to

Prof. (Dr.) Shalya Raj	*CEO, Subharti University*
Prof. (Dr.) Kapil Kumar	*Director, IQAC*
Group Capt. M. Yakoob	*Registrar*
Mr. Syed Zafar Hussain	*Registrar (Academics)*

DISCLAIMER

EHS Alliance Services Audit Team has prepared this report for Swami Vivekanand Subharti University based on input data submitted by the representatives of university complemented with the best judgment capacity of the expert team.

While all sensible care has been taken in its preparation, details contained in this report have been compiled in good faith based on information gathered.

It is further informed that the conclusions are arrived following best estimates and no representation, warranty or undertaking, express or implied is made and no responsibility is accepted by Audit Team in this report or for any direct or consequential loss arising from any use of the information, statements or forecasts in the report.

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Signature

LEAD AUDITOR

CONCEPT AND CONTEXT

The National Assessment and Accreditation Council, New Delhi (NAAC) has made it mandatory from the academic year 2019–20 onwards that all Higher Educational Institutions should submit an annual Green, Environment and Energy Audit Report. Green Audit is assigned to the Criteria 7 of NAAC, National Assessment and Accreditation Council which is a self-governing organization of India that declares the institutions as Grade A, Grade B or Grade C according to the scores assigned at the time of accreditation. Moreover, it is part of Corporate Social Responsibility of the Higher Educational Institutions to ensure that they contribute towards the reduction of global warming through Carbon Footprint reduction measures.

In view of the NAAC circular regarding Green auditing, the management decided to conduct an external environment assessment study by a competent external professional auditor. The green audit aims to examine environmental practices within and outside the campus, which impact directly or indirectly on the atmosphere. Green audit can be defined as systematic identification, quantification, recording, reporting and analysis of components of institutional environment. It was initiated with the intention of reviewing the efforts within the institutions whose exercises can cause risk to the health of inhabitants and the environment.

Through the green audit, a direction as how to improve the structure of environment and inclusion of several factors that can protect the environment can be commenced. This audit focuses on the Green Campus, Waste Management, Water Management, Air Pollution, Energy Management & Carbon Footprint etc. being implemented by the institution. The concepts, structure, objectives, methodology, tools of analysis, objectives of the audit as below:

INTRODUCTION

Now a 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 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 university /college including the assessment of policies, activities, documents and records.

OVERVIEW OF THE UNIVERSITY

Swami Vivekanand Subharti University is a University under Section 2(f) of the University Grants Commission Act, 1956 set up under the Swami Vivekanand Subharti Vishwavidyalaya Uttar Pradesh Adhiniyam, 2008 (U.P. Act No. 29 of 2008) as passed by the Uttar Pradesh Legislature and assented to by the Hon'ble Governor of Uttar Pradesh in September 2008.

The University has been established under the aegis of Subharti K.K.B. Charitable Trust, Meerut, which has acquired a commendable record of service in the field of Education, Health care and Social welfare.

The main campus of the University is in the National Capital Region, strategically situated on National Highway 58, Delhi-Meerut-Haridwar Bypass Road, Meerut. The campus, aptly called Subhartipuram, is spread over a sprawling area of about 250 acres of land comprising magnificent buildings, lush green lawns and vibrant surroundings with over 8000 people, determined to make this a 'Jewel' in the Crown of the Nation.

The University has several constituent colleges which provide higher education in almost all the disciplines like Medical, Dental, Paramedical, Pharmacy, Engineering, Management, Law, Journalism, Education, Arts and Science, thus engaged in creating highly qualified, academically and technically proficient professionals.

The University has also started a number of courses through Distance Education, approved by Joint Committee of UGC, AICTE and DEC.



The university provides education for under graduate and post graduate courses in following departments:

Faculty of Dental Sciences	Department of Journalism & Mass Comm
Faculty of Nursing	Department of Languages
Faculty of Physiotherapy & Allied Health Sciences	Department of Library & Information Science
Faculty of AYUSH	Department of Home Science
Faculty of Pharmacy	Department of Liberal Arts & Humanities
Faculty of Law	School of Buddhist Studies
Faculty of Engineering & Technology	Subharti Polytechnic College
Faculty of Science	**PROGRAMS**
Faculty of Education	Undergraduate
Department of Education	Postgraduate
Department of Physical Education	Ph.D. Programs
Faculty of Management & Commerce	Diploma Programs
Subharti College of Management & Commerce	PG Diploma Programs

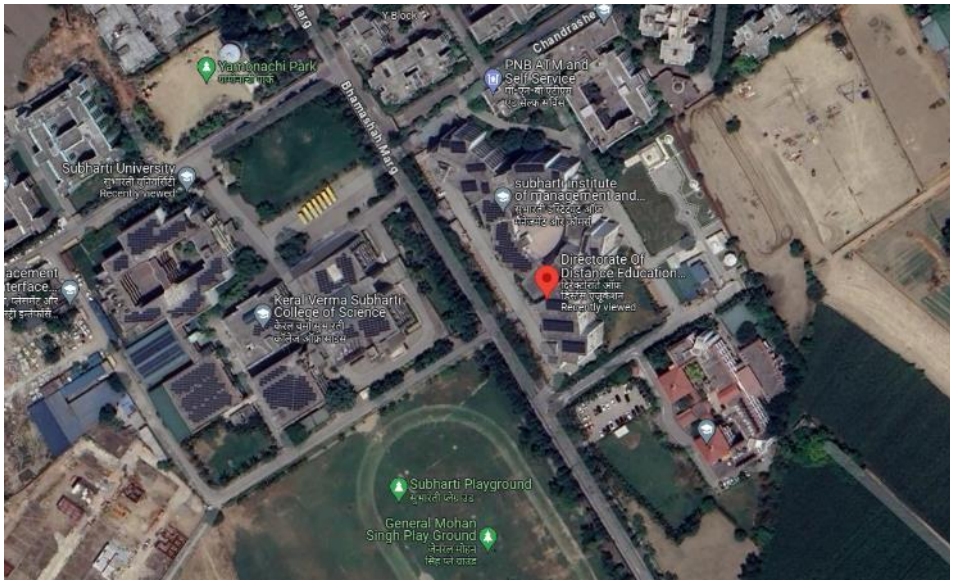
MISSION

To develop programs of the highest standards, and to produce confident, self-reliant, responsible youth having skills, social values, leadership, and entrepreneurship bent of mind in highly competitive technologically advanced, ever-changing needs of society.

VISION

To be an acclaimed University that provides contemporary Technical and Professional knowledge, skills as well as research opportunities befitting global scenarios while maintaining Service, Sacrament, and Nationality.

Geo Location
Geo Coordinates from Google maps:
8.957292, 77.636099



AUDIT PARTICIPANTS

On behalf of Swami Vivekanand Subharti University

Name	Designation
Maj. Gen. (Dr.) Gopal Krishan Thapliyal (Retd.)	*Hon'ble Vice Chancellor*
Prof. (Dr.) Shalya Raj	*CEO, Subharti University*
Prof. (Dr.) Kapil Kumar	*Director, IQAC*
Prof. (Dr.) Mukesh Ruhela	*Professor & Head Department of Environmental Engineering*
Group Capt. M. Yakoob	*Registrar*
Mr. Syed Zafar Hussain	*Registrar (Academics)*
Mr. Aman Sherwani	*Department of Mass Media*
Mr. Harshvardhan Kaushik	*Administrative Officer*
Er. Hari Prakash Gupta	*Director, Electrical*
Mr. Raj Kumar Sagar	*Transport Department*
Mr. Gyanendra Singh	*Maintenance Department*
Mr. Manoj Kumar	*Maintenance Department*
Mr. A.C. Pathak	*Manager, Horticulture*
Ms. Geetika Sharma	*Asst. Purchase Officer*
Mr. Vibhav Sharma	*Asst. Manager*
Mr. Inderpal	*Maintenance Department*
Mr. Vijay Kumar Nagar	*Civil Engineer*

On behalf of EHS Alliance Services

Name	Position	Qualifications
Dr. Uday Pratap	Lead Auditor	*Ph.D., PDIS, QCI – WASH, Lead Auditor ISO 14001:2015*
Mr. Puneet Kaushik	Co-Auditor	*M.Sc., MTech., ISO 14001:2008*
Ms. Pooja Kaushik	Co-Auditor	*M.Sc., Field Expert, QCI – WASH*

EXECUTIVE SUMMARY

Green auditing 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 second 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.

GREEN AUDIT - ANALYSIS

1.1 GENERAL INFORMATION

1. Does any Green Audit conducted earlier?

Yes, this is second external audit organized by the University

2. What is the total strength (people count) of the Institute?

Students
Male: 4311 Female: 3607 Total: 7918

Teachers (including guest faculty)
Male: 518 Female: 606 Total: 1154

Non-Teaching Staff
Male: 1540 Female: 654 Total: 2194

Total Strength
Male: 6369 Female: 4867 Total: 11236

3. What is the total number of working days of your campus in a year?

There are one hundred and eighty working days in a year.

4. Where is the campus located?

The campus is located at Subhartipuram, NH-58, Delhi-Haridwar Bypass Road, Meerut-250005

5. Which of the following are available in your institute?

Garden area	*Available*
Playground	*Available*
Kitchen	*Available*
Toilets	*Available*
Garbage Or Waste Store Yard	*Available*
Laboratory	*Available*
Canteen	*Available*
Hostel Facility	*Available*
Guest House	*Available*

6. Which of the following are found near your institute?

Municipal dump yard	*Not in vicinity of institute*
Garbage heap	*No Garbage heaps*
Public convenience	*Public convenience is available*
Sewer line	*Approximately4.0 KM sewer line within campus*

Stagnant water	*No stagnant water*
Open drainage	*No*
Industry – (Mention the type)	*No*
Bus / Railway Station	*Meerut bypass Bus Stop, Meerut Junction Station*
Market / Shopping complex	*Available*

1.2 WASTE MINIMIZATION AND RECYCLING

1. Does your institute generate any waste? If so, what are they?

Yes, Solid waste, Canteen waste, paper, plastic, horticulture, laboratories waste, e-waste, etc.

2. What is the approximate amount of waste generated per day? (in Kg approx.)

Biodegradable waste - 400 Kg
Non-biodegradable waste -10 Kg
Hazardous Waste - 50 Kg
Others < 5 Kg

3. How is the waste managed in the institute? By Composting, Recycling, Reusing, Others (specify)

- *Food waste is collected into biogas plant and composting pits*
- *Thirty-three Rain water harvesting pits are there in campus for ground water recharge*
- *STP (1100 KLD) and ETP (40 KLD) are installed is installed for waste water treatment*
- *E-waste collection and management through recycled – authorized vendor*
- *BMW is managed by Synergy waste management Pvt Ltd (in campus incinerator)*

4. Do you use recycled paper in institute?

Yes, University uses single sided used paper for rough work, assessment work and prints

5. How would you spread the message of recycling to others in the community?

Following are the ways through which university is spreading the awareness about recycling

- *Waste plastic collection drives*
- *Installation of color-coded Dustbins for waste collection*
- *Tie-ups with authorized e-waste collection agency (Sky Green waste Recycling Management)*
- *Awareness among the Students by Webinars, seminars, Sign Boards, Posters, etc.*

6. Can you achieve zero garbage in your institute? If yes, how?

Not yet achieved. Possible through waste management policy and planning.
1. Minimization of waste production
2. Awareness workshops & trainings for students and faculty on Waste management

1.3 GREENING THE CAMPUS

1. Is there a garden in your institute?

Yes, about 985000 Sq ft areas are developed as Gardens.

2. Do students spend time in the garden?

Yes, students spend around 2-4 Hours during winters.

3. Total number of Plants in Campus?

Plant type with approx. count	
Full grown Trees	*19975*
Small Trees	*15321*
Hedge Plants	*118541*
Grass Cover sqm	*985000 Sq ft*

4. Is the campus having any Horticulture Department? (If yes, give details)

Yes, Total 52 staff (maali) deployed in horticulture department

5. How many Tree Plantation Drives organized by campus per annum?

Six Plantation Drives were Organized by campus in the last FY. 10,000+ plants were planted in total. Survival rate is more than 90%.

6. Is there any Plant Distribution Program for Students and Community?

Yes, Plantations distribution drives conducted in nearby Villages under Unnat Bharat.

8. Is there any Plant Ownership Program?

No

1.4 WATER AND WASTEWATER MANAGEMENT

1. List uses of water in your institute

Basic use of water in campus:
***Drinking** – 269.86 KL/month*
***Gardening** – 1402.24 Kl/month*
***Kitchen and Toilets** – 2133.72 KL/month*
***Others** – 800.25 KL/month*
***Hostel** – 9660.60 KL/Month*

Total = 14266.66 KL/Month

2. How does your institute store water? Are there any water saving techniques followed in your institute?

Available total water storage of the university is 700000 litres

Saving Techniques

- *Avoid overflow of water-controlled valves are provided in water supply system.*
- *Close supervision for water supply system.*
- *Push taps are installed for water conservation*
- *Water Conservation awareness for new students*
- *Sprinklers usage for gardening and grass cover*

3. Locate the point of entry of water and point of exit of waste water in your institute.

Entry *- Water comes from borewells*
Exit*- From Canteen, Toilets, Hostel, bathrooms and Labs through covered drainage which is connected to sewage treatment plant of capacity 1100 KLD*

4. Write down ways that could reduce the amount of water used in your institute

Basic ways:

- *Close the taps after usage*
- *Water Conservation awareness for new students*
- *Maintenance and monitoring of valves in supply system to avoid overflow, leakage and spillage*
- *Push tap are installed to save water*
- *Water recycling and use of sprinklers for gardening*

1.5 ANIMAL WELFARE

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

15 dogs, 5 Cats, 1000+ butterfly species, 200+ Squirrels and 500+ Birds are found in campus. A variety of bird's species and other flora and fauna are available, so institute is doing their bit for bio diversity conservation.

2. Does your institute have a Biodiversity Program or a KARUNA CLUB?

Yes, Swami Vivekanand Subharti University's ***Eco club*** *actively organizes awareness through various campaigns and activities including seminars, poster competition, etc.*

1.6 CARBON FOOTPRINT - EMISSION & ABSORPTION

1. Electricity used per year - CO2 emission from Electricity

(electricity used per year in kWh/1000) x 0.84
10178260 kWh/1000 x 0.84

= 10178260 /1000x0.84
= 8549.74 tons

2. LPG/PNG used per year - CO2 emission from LPG/PNG

(LPG/PNG used per year in KG) x 2.68
111633.60 x 2.68
=111633.60 x 2.68
=299.18 tons

3. Diesel used per year CO2 emission from HDS (Diesel)

(Diesel used per year in litres) x 2.99
=55800 x 2.99
= 55800 x 2.99
=166.84 tons

4. Transportation per year (car) CO2 emission from transportation (Bus and Car)

There are 44 Cars, 5 vans, 32 buses, 16 E-rikshaw and 51 others
*=(37*2*2*180/100)*0.01 + 54*4*2*180/100*0.02*
=18.22 tons

Total CO2 emission per year is 9033.978 tons

After considering carbon absorption capacity of campus, the total carbon emission is 8430.68 tons

CARBON ABSORPTION BY FLORA IN THE INSTITUTION

There are 19975 full grown trees and 15321 semi grown trees of different species, on the campus spread over 37673.68 sq ft.

Carbon absorption capacity of one full grown tree 22 kg Co2 Therefore Carbon absorption capacity of 19975 full-grown trees 19975 x 22 kg Co2 = 439.45 tons of Co2.

The carbon absorption capacity of 15321 semi-grown trees is approx. 30% of that of full-grown trees. Hence the carbon absorption 15321 x 6.8 kg of Co2 = 104.18 tons of Co2

There are approximately Hedge Plants 118541 of various species being raised in the gardens and grown in the areas where no buildings are built Carbon absorption of bush plants varies widely with their species. Certain bushes absorb very high level of Co2 where as some others absorb very

low level of Co2. In the absence of a detailed scientific study, 200g of Co2, absorption is taken per bush (in consultation with Environmental Science specialists). Based on this, total carbon absorption of bushes is 118541 x 200 g = 23.71 ton of Co2

The lawns on the campus have buffalo grass, Mexican grass and indigenous grass species and cover a total area of 985000 sq. ft. Carbon absorption capacity of a 10 sq. ft. area of lawn is 1 g per day Therefore, carbon absorption by lawn area 985000 x 365 x 0.1 g Co2 = 35.95 tons Co2 per year.

Total of carbon absorption capacity of the campus is 603.29 tons.

Subharti University is able to reduce approximately 2100 tons of carbon emission per year from 2MW solar (in campus) plant.

GREEN INITIATIVES BY CAMPUS

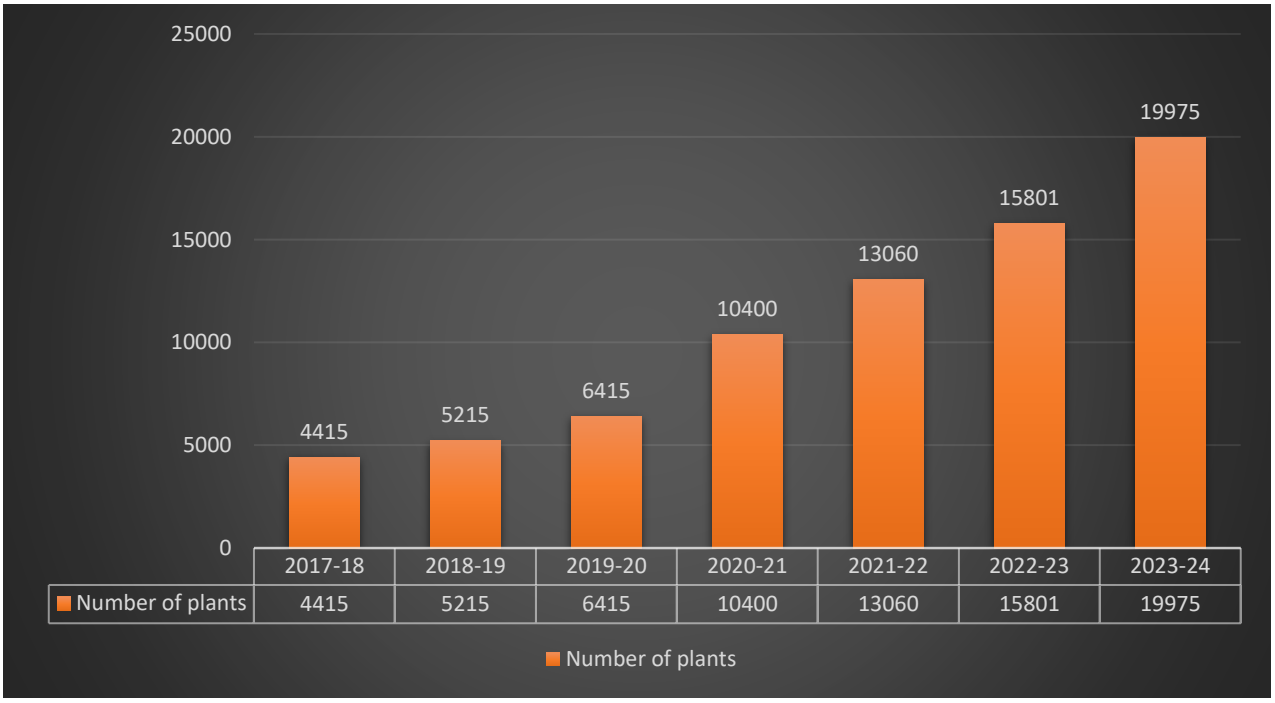
- **Solid Waste Management**
  - Collect paper waste produced on campus and collaborate with scrap dealers for recycling.
  - University has fully functional bio gas plant
  - Horticulture waste is managed by composting at large scale.
  - Reduce use of paper by supporting digitization of attendance and internal assessment records.
  - Reduce requirement of printed books by updating the e-books and e-journals collection of the University library.
  - Take initiatives to spread awareness amongst students about food wastage and ways of minimizing it
  - The habit of reusing and recycling non-biodegradable products
  - Organizing workshops for students on solid waste management.
  - There is ban on single use plastic and plastic crockery in the campus.

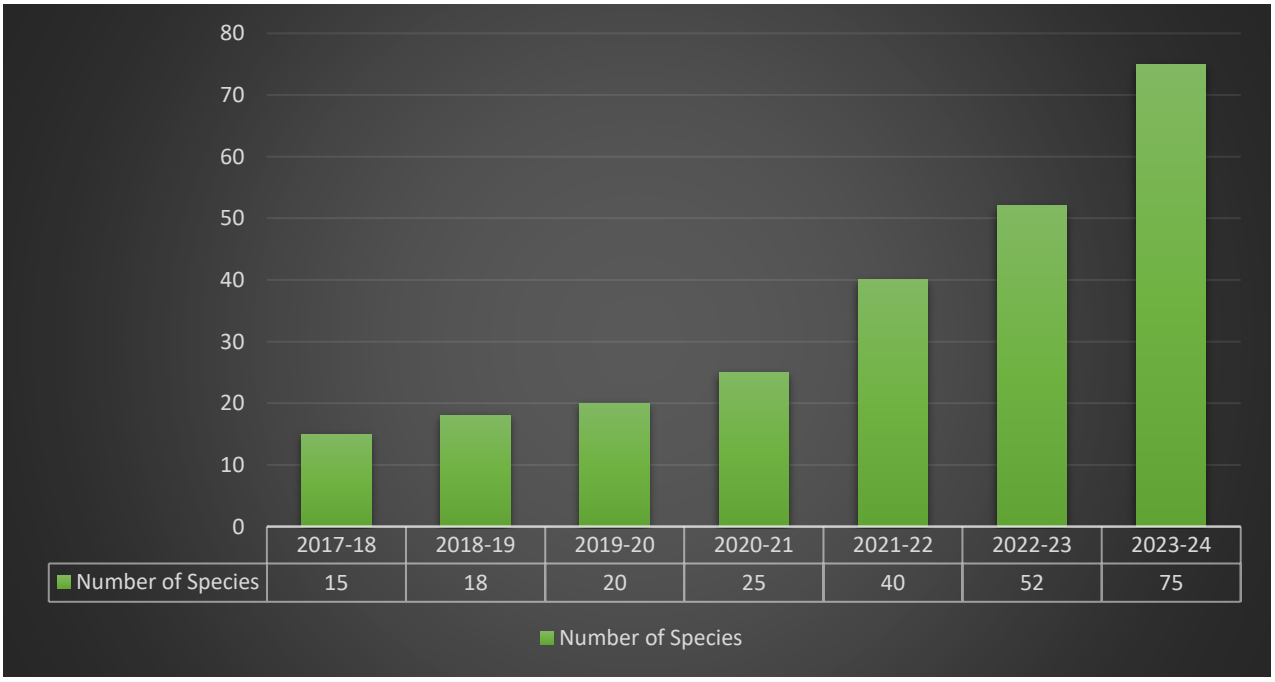
- Liquid Waste Management
  - Maintain leak proof water fixtures.
  - Minimize the use of water by constructing more Indian style toilets instead of western style toilets.
  - Continued employment of a caretaker to take immediate steps to stop any water leakage through taps, pipes, tanks, toilet flush etc.
  - Reuse of wastewater generated by the Reverse Osmosis (RO) system in gardening.
  - Urinals are installed in boy's washroom to reduce water wastage
  - STP & ETP are installed for waste water treatment

- E-waste Management
  - University has a separate storeroom for the safe storage of electronic waste. After a certain interval of time University disposes of the E-waste to Sky Green waste Recycling Management Pvt Ltd.

- Rain water harvesting
  - University has 33 rainwater harvesting pits for better groundwater recharge.
- Renewable Energy
  - The University has installed solar PV (2000 KW) on the rooftop of building.
  - The University is using solar lights for street lights.
  - The University believes in using cleaner energy such as LED lighting.
- Air Pollution Reduction
  - Personal Vehicles (Students) are not allowed in the campus.
  - University has car free day practice for awareness and pollution control.
  - University has implemented No Vehicle Day on Tuesday and Wednesday.
- Environment Committee Initiatives
  - The guest lecture by Dr. Vinay Sethi was organized on "The Role of Individuals in Birds Conservation" on 5th June 2024 yielded several significant outcomes, enriching the university community's understanding and commitment to environmental stewardship.
  - On June 5th, 2024, a tree plantation event was held at the university, symbolizing a significant step towards environmental sustainability.
  - "Uncaging of Birds" activity was organized on 5th June 2024. It is to promote the conservation and welfare of birds by releasing captive birds back into their natural habitats. This activity aims to address the issue of bird captivity, which can have negative implications for both individual birds and the overall bird populations.
    - Conservation of Bird Species
    - Protection of Wild Bird Populations
    - Promotion of Ethical Treatment of Birds
    - Education and Awareness
    - Rehabilitation and Release
  - University organised different activities on the occasion of World Earth Day-2023
    - a quiz competition in online mode
    - Guest lecture on how to protect earth
    - Plantation drive
    - Poster making competition
  - World Ozone Day (16th Sept 2023) was celebrated by university by organizing poster competition, quiz competition, Skit and organizing guest Lecture.
  - University Fire mock drill program and disaster management exercise was conducted on 10th Oct 2023
  - Seminar was organized on international e- waste day (14 Oct 2023) on topic - E- waste a global Problem
  - University organized an International Guest lecture on 17th Nov 2023 on the topic - Role of Clean Energy Technologies in Sustainable Development, Agriculture, food security & Environment.
  - Swami Vivekanand Subharti University Meerut in association with University Environmental Committee organized an awareness Programme (24 Aug 2023) under Jal Shakti Abhiyan (JSA) on water conservation for better future.
  - A poster making & slogan writing competition on ‘water conservation’ was held on 21st July 2023.

YEAR	Number of plants (Approx.)	Number of Species (Approx.)
2017-18	4415	15
2018-19	5215	18
2019-20	6415	20
2020-21	10400	25
2021-22	13060	40
2022-23	15801	52
2023-24	19975	75





RECOMMENDATIONS

- Environmental parameters shall be included in purchase policy to achieve a cradle to grave approach for sustainability.
- Flow rate of taps should be checked, it should not be more than 2.5 litres/minute.
- Involve lower hierarchy staff in environmental awareness programmes and campaigns.
- More Messages should be displayed at various locations to Aware the People about Energy Savings
- Water Meter should be installed at every building of institute for monitoring of water consumption per capita.
- Borewell permission should be taken from authorised government department
- Plant Ownership Program has been initiated – Several Trees will be Planted and owned by Visitors as well as students. The Nameplates will also be displayed near the plants.
- Green building guidelines for future expansion projects of the campus.

CONCLUSION

This audit involves considerable team discussions and meetings with key staff members on a variety of environmental-related topics. The eco club of Swami Vivekanand Subharti University promotes conservation of resources.

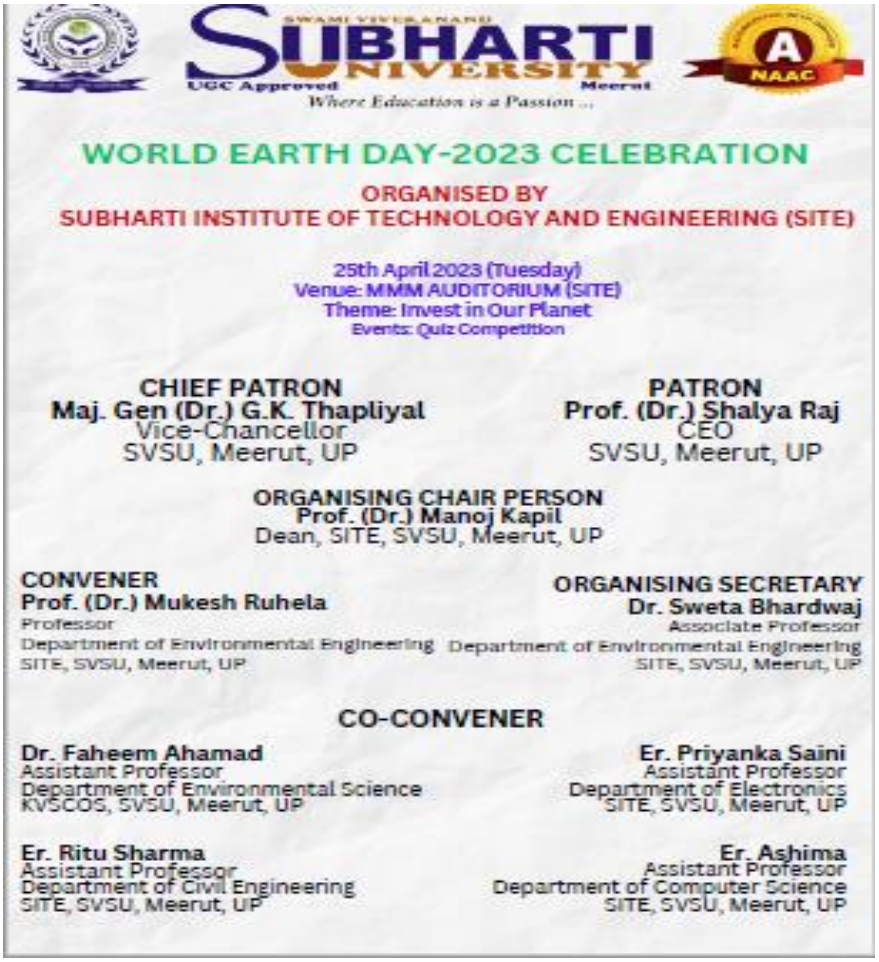
Overall, 45% of Swami Vivekanand Subharti University is for landscaping. The university makes a significant effort to act in an environmentally responsible manner and takes into account the environmental effects of the majority of its activities. The recommendations in this report suggests some more ways in which the university can work to improve its practices and develop into a more sustainable institution.

It's important to begin a few things, such as increase plantation drives in nearby villages. Additionally, we strongly advise to sign MOU with third party authorised vendors for waste management such as plastic, paper, metal, C&D, etc.

REFERENCE

- The Environment [Protection] Act – 1986 (Amended 1991) & Rules-1986 (Amended 2010)
- The Petroleum Act: 1934 – The Petroleum Rules: 2002
- The Central Motor Vehicle Act: 1988 (Amended 2011) and The Central Motor Vehicle
- Rules:1989 (Amended in 2005)
- Energy Conservation Act 2010.
- The Water [Prevention & Control Of Pollution] Act – 1974 (Amended 1988) & the Water (Prevention & Control of Pollution) Rules – 1975
- The Air [Prevention & Control Of Pollution] Act – 1981 (Amended 1987) The Air (Prevention & Control of Pollution) Rules – 1982
- The Gas Cylinders Rules – 2016 (Replaces the Gas Cylinder Rules – 1981
- E-waste management rules 2016
- Electrical Act 2003 (Amended 2001) / Rules 1956 (Amended 2006)
- The Hazardous Waste (Management and Handling and Trans-boundary Movement) Rules, 2008 (Amended 2016)
- The Noise Pollution Regulation & Control rules, 2000 (Amended 2010)
- The Batteries (Management and Handling) rules, 2001 (Amended 2010)
- Relevant Indian Standard Code practices

ANNEXURE – PHOTOGRAPHS OF




SUBHARTI UNIVERSITY
NAAC
LiFE
Lifestyle for Environment
G20
Poster and Slogan Competition
On
Water Conservation
Date: 28th July, 2023
Organised by
Department of Environmental Engineering, FET
in association with
University Environmental Committee
Swami Vivekanand Subharti University, Meerut
Submit your enteries till 28th July 2023


SUBHARTI UNIVERSITY
NAAC
G20
LiFE
Lifestyle For Environment
Faculty of Engineering & Technology
Organizes
Workshop
on
"SUSTAINABLE AND MISSION LIFE AND ALSO PRACTICES PROMOTING LIFE ACTIONS"
23nd MAY 2023
Patron
Dr. Manoj Kapil
(Dean, FET)
Speakers
Dr. Mukesh Ruhela
Professor & head, Deptt Of Env. Engg.
Engg
Dr. Sweta Bhardwaj
Asso Professor, Deptt oF Env
Venue : MMM Auditorium at 9:00 am


Azadi Ka Amrit Mahotsav
SUBHARTI UNIVERSITY
Approved by UGC
NAAC
G20
"We're part of the solution For Nature"
WEBINAR
on
Biological Diversity in India
International Day for Biological Diversity
Expert
ORGANIZED BY
Faculty of AYUSH
Faculty of EDUCATIOI
In association with University Environment Committee
Dr. Sharad Pandey
Dean
School of Agriculture, Forestry and Fisheries Himgiri Zee University Dehradun Uttarakhand
MONDAY, 22 MAY, 2023
2:30 PM-3:40PM


AADHAR FOUNDATION & SOCIAL WELFARE TRUST
Meerut, Uttar Pradesh, India
Certificate Of Merit
The executive committee confers its
BEST TEACHER OF THE YEAR AWARD-2024
Dr. MUKESH RUHELA
Professor and Head, Environment Science & Engineering
Subharti Institute of Technology and Engineering,
Swami Vivekanand Subharti University, Meerut
For Outstanding Contribution & Recognition in the Field of
ENVIRONMENTAL SCIENCE & ENGINEERING
On the occasion of
International Conference
Next-Generation Agriculture For Sustainable Environment & One Health (NASEH-2024)
Date: February 09-11, 2024
Venue :
Swami Vivekanand Subharti University
Meerut (UP) India
Adv. Niranjan Sahu
General Secretary
Adv. Dr. Saurabh Tyagi
President


SWAMI VIVEKANAND SUBHARTI UNIVERSITY
Approved by UGC
Where Education is a Passion...
NAAC
International Guest Lecture
on
Role of Clean Energy Technologies in Sustainable Development, Agriculture, Food Security & Environment
17th November, 2023 | 10:30 AM onwards
Venue
MMM AUDITORIUM, SITE
Organized by
Department of Environmental Engineering
Faculty of Engineering and Technology
Invited Expert Speaker
Dr. Vinod Kumar Sharma
(Senior Scientist)
Italian National Agency for New Technologies, Energy and Sustainable Economic Development
ENEA RESEARCH CENTRE TRISAIA75025
ROTONDELLA (MT)- ITALY
Speaker
Prof. (Dr.) Amar Prakash Garg
Dean Academics and Director Research
Swami Vivekanand Subharti University
Organizing Chairperson
Prof. (Dr.) Shravan Kumar Garg
Vice Principal, FET
Convener
Prof. (Dr.) Mukesh Ruhela
Head, Deptt. of Environmental Engg.
Co-Convener
Organizing Committee Members


SWAMI VIVEKANAND SUBHARTI UNIVERSITY
UGC Approved Meerut
Where Education is a Passion ...
NAAC
University Environment Committee
is
Celebrating
World Environment Day
5th June 2023
World Environment Day - June 5
#BeatPlasticPollution
Venue: Garud Udyaan Timings: 09 am to 11 am


SWAMI VIVEKANAND SUBHARTI UNIVERSITY
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Where Education is a Passion...
NAAC
G20
आजादी का अमृत महोत्सव
LiFE
World Ozone Day
September 16th, 2023
Events
• Poster Competition • Quiz Competition • Skit
• Lecture
Organize By :
Faculty of Engineering and Technology in association with the University Environment Committee.


Action for Sustainable, Efficacious Development & Awareness (ASEA), Rishikesh
RESEARCH EXCELLENCE AWARD-2020
DR. MUKESH RUHELA
SWAMI VIVEKANAND SUBHARTI UNIVERSITY, MEERUT
ASEA takes this opportunity of honouring him with appreciation certificate and memento for outstanding performance and lasting contribution in the field of life Science
AWARDED: 20 FEBRUARY 2020
President
Secretary

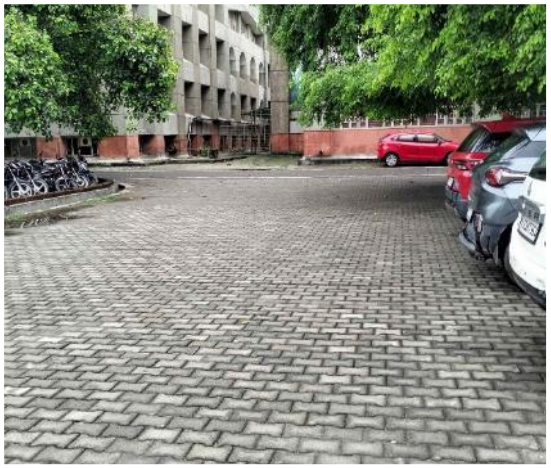
ANNEXURE – PHOTOGRAPHS OF ENVIRONMENT CONSCIOUSNESS

Well maintained campus

Clean campus

Lush green campus

Sports Ground



Paving stone installed in campus

Color coded dustbins

Ornamental plants in campus

Indoor plants in campus

Incinerators installed for BMW disposal

Biogas plant

Energy awareness message display

E-waste collection bin

Plantation drive

Active participation in Plantation drive

भारती विश्वविद्यालय में हुआ विश्व पृथ्वी दिवस का आयोजन

समाचार प्रतिनिधि

मेरठ। स्वामी विवेकानंद रती विश्वविद्यालय के ेल सुभारती कॉलिज ऑफ र्सी द्वारा ह्यविश्व पृथ्वी 2023ह्य कार्यक्रम का जन किया गया। कार्यक्रम आयोजन मदन मोहन ीय सभागार में किया गया। क्रम का शुभारंभ विद्यालय की मुख्य कारी अधिकारी प्रो० डॉ० राज ने किया। कार्यक्रम के तक फार्मेसी कॉलिज के र्य प्रो० डॉ० सोकिंद्र कुमार ाभी अतिथियों का स्वागत किया और 'विश्व पृथ्वी दिवस' का परिचय दिया। कार्यक्रम के मुख्य वक्ता ग्रीन मैन विजय पाल बघेल ने सभी छात्र एवं छात्राओं को पृथ्वी की वर्तमान परिस्थिति और इसमें सुधार के लिए विभिन्न प्रकार के उपाय से अवगत कराया। उन्होंने सभागार मे उपस्थित सभी को अधिक से अधिक वृक्ष लगाने का आहवान किया। इस उपलक्ष्य प इंजीनियरिंग, साइंस और एजुकेशन कॉलिज के डीन व खारवेल सुभारती कॉलिज ऑफ फार्मेसी के सभी शिक्षक उपस्थि रहे।

इस कार्यक्रम के सहयोगी विश्वविद्यालय पर्यावरण समिति के अध्यक्ष प्रो० डॉ० मुकेश रूहेला का विशेष सहयोग रहा इस कार्यक्रम के समन्वयक डॉ० अमित कुमार, डॉ० कुनाल अरोड़ा, स्वाती वधावन व स्वस्ति अरोड़ा रहे। कार्यक्रम क संचालन स्वाती वधावन और धन्यवाद प्रस्ताव डॉ० अमित कुमार ने प्रस्तुत किया।

Earth Day Celebration

Environment Day Celebration

Reusing plastic waste

Best out of waste activity

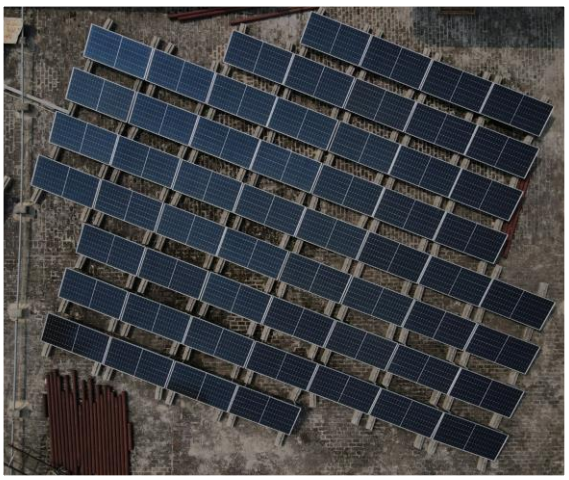
Birds uncaging activity

Fire Mockdrill activity

Composting pit

Rainwater harvesting pit

RO for water filteration



Solar panel installed

********** END OF THE REPORT **********