SWAMI VIVEKANAND SUBHARTI UNIVERSITY

ENVIRONMENT AUDIT REPORT

2023-2024

Prepared by

EHS ALLIANCE SERVICES

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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

ENVIRONMENT AUDIT

ACADEMIC YEAR 2023-24

The environment legal compliances and initiatives carried out by the institution have been verified on the report submitted and were found to be satisfactory.

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

SIGNATURE

EHS ALLIANCE SERVICES GURGAON

22.07.2024
DATE OF AUDIT

EHS ALLIANCE SERVICES, PLOT A-72, SURYA VIHAR, GURUGRAM, 122001
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ACKNOWLEDGEMENT

EHS Alliance Services would like to thank the management of Swami Vivekanand Subharti University for assigning this important work of Environment 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.) - 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

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.

If you wish to distribute copies of this report external to your organisation, then all pages must be included.

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EHS Alliance staff, agents and accreditation bodies have signed individual confidentiality undertakings and will only receive confidential information on a 'need to know' basis.



Signature

LEAD AUDITOR

CONCEPT AND CONTEXT

In India, the process for environmental audit was first mentioned under the Environment Protection Act, 1986 by the Ministry of Environment of forests on 13th march, 1992. As per this act, every person owning an industry or performing an operation or process needs a legal consent and must submit an environmental report or statement.

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. Moreover, it is part of Corporate Social Responsibility of the Higher Educational Institutions to ensure that they contribute towards the sustainable environment.

In view of the NAAC circular regarding environment auditing, the university management decided to conduct an external environment assessment study by a competent external professional auditor.

The term 'Environmental audit' means differently to different people. Terms like 'assessment', 'survey' and 'review' are also used to describe similar activities. Furthermore, some organizations believe that an 'environmental audit' addresses only environmental matters, whereas others use the term to mean an audit of health, safety and environment-related matters. Although there is no universal definition of Environment Audit, many leading companies/institutions follow the basic philosophy and approach summarized by the broad definition adopted by the International Chambers of Commerce (ICC) in its publication of Environmental Auditing (1989).

The ICC defines Environmental Auditing as:

"A management tool comprising a systematic, documented, periodic and objective evaluation of how well environmental organization, management and equipment are performing with the aim of safeguarding the environment and natural resources in its operations/projects."

This audit focuses on the environment legal compliances and implementation of rules defined by MoEFCC or state pollution control board. The concepts, structure, objectives, methodology, tools of analysis, and objectives of the audit are discussed below.

INTRODUCTION

Nature is very precious gift for all life forms. Disturbance in the nature causes environmental Problems. These are increasing day by day as a result of development of urbanization and industrialization on earth. Because of unplanned utilization of resources, our planet is facing tremendous pressure results a sharp rise in temperature. Therefore, there is an urgent need to plan the consumption of the resources in sustainable manner in order to conserve natural resources for future generation.

Sustainable development is becoming popular in the world for saving the earth. Utilizing resources judicially can save the earth's precious resources. Measurement of environmental components is the most effective step to conserve and protect natural resources.

Environmental auditing had begun in the early 1970s with provision of civil lawsuits for non-compliance with environmental regulations. Environment auditing involves on site visit, collection of samples, performing analyses, and report results to competent authorities.

Industry, the corporate world is initiating auditing for saving natural resources. Academic institutions also can contribute to the preservation and conservation of resources within their premises.

In this, "Environment Audit" report would help everyone to think about preserving resources, show willingness to learn their importance, adopt steps to minimize resource use and set an example for others to follow the path of eco-friendly practices to achieve the goal of sustainable development. Effective implementation of environmental auditing helps in minimization of environmental risks at low cost.



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:

ACADEMICS

Faculty of Medicine
Faculty of Dental Sciences
Faculty of Nursing
Faculty of Physiotherapy & Allied Health Sciences
Faculty of AYUSH
Faculty of Pharmacy
Faculty of Law
Faculty of Engineering & Technology
Faculty of Science
Faculty of Education
Department of Education
Department of Physical Education
Faculty of Management & Commerce
Subharti College of Management & Commerce
Subharti College of Hotel Management
Faculty of Fine Arts

ACADEMICS

Faculty of Arts & Social Science
Department of Journalism & Mass Comm
Department of Languages
Department of Library & Information Science
Department of Home Science
Department of Liberal Arts & Humanities
School of Buddhist Studies
Subharti Polytechnic College

PROGRAMS

Undergraduate
Postgraduate
Ph.D. Programs
Diploma Programs
PG Diploma Programs
Certificate Courses

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 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

The environment 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 out-dated unless there is some mechanism in place to continue the effort of monitoring environmental compliance. Our approach to promote a Green Campus to inculcate the sustainable value systems among the students, so that they carry the learning and practices them in their future endeavours. This will ensure that Sustainability and Environmental practices get embedded in all the institutions and organizations in the country.

A Green Campus is a place where environmentally friendly practices and education combine to promote sustainability in the campus which ultimately offers an institution the opportunity to take the lead in redefining its environmental culture and developing new paradigms by creating sustainable solutions to environmental, social and economic needs of the mankind.

This is the second environment audit of university for doing their bit towards environmental protection and environmental awareness at local and global front. Audit criterion is environmental cognizance, waste minimization and management, biodiversity conservation, water conservation, energy conservation and environmental legislative compliance by the campus. A questionnaire is used during audit. This audit report contains observations and recommendations for improvement of environmental consciousness.



WASTE MANAGEMENT

TYPE OF WASTE ON UNIVERSITY CAMPUS

To create effective waste management plans, university first need to know the type of waste being generated at the campus. Below, we have compiled a list of various kinds of waste commonly generated on institutional campus:

1. **FOOD WASTE -** University campus generates food waste. The average mess and canteen generates approximately 60 kg of food waste a day. The reasons for food waste on an educational campus may be over purchasing food to ensure a sufficient supply and then throwing it away, especially in all hostel messes where plentiful stores are essential. And in the cafeteria or hostel mess, students may pile food onto their trays, find it unappealing once they sit down and dutifully scrape it into the garbage. Immediate attention is given to the food waste minimization techniques.

2. **RECYCLABLE PAPER, CARDBOARD, PLASTIC, GLASS AND CANS -** Campus tends to produce vast quantities of these recyclables. Even in the digital age, many students, professors and staff members still prefer handwritten notes and end up with piles of unwanted paper once their courses and projects are complete. And shipments of necessary items throughout the year are likely to arrive in recyclable plastic and cardboard packaging. The same is sold/auctioned to the scrap vendors time to time.

3. **STUDENT CLOTHES AND HOUSEWARES -** As we have mentioned above, many students find it more convenient to throw away their clothes and dorm furnishings at the end of the year than donate or recycle them.

4. **E–WASTE -** Student and facility electronics often form a large portion of a campus's waste — As campus continually upgrade their computing facilities and office computers to keep up with the latest technology, the old computers have to go somewhere. So do old printers, phones, copy machines and other electronics that receive upgrades over the years. Discarded student electronics often become part of a campus's waste stream as well.

5. **CHEMICAL WASTE -** Chemical waste on a campus may come from numerous sources. Campus laboratories generate waste chemicals, as do cleaning services. The detergents used in campus laundry rooms eventually become waste as well. Much of these chemical substances are hazardous waste under Manufacture, Storage and Import of Hazardous Chemicals Rules, 1989 and must undergo specific disposal processes according to state environmental rules and regulations.

6. **MAINTENANCE WASTE -** In the maintenance department, spent paints, solvents, adhesives and lubricants all form potentially hazardous waste. Because they are difficult to

recycle, spent incandescent light bulbs usually become landfill waste. Spent fluorescent light bulbs, which contain small amounts of mercury, typically require special handling because of the environmental and health risks they pose.

7. **BIOLOGICAL WASTE -** Biological waste from laboratories will require special handling and disposal as per BMW Rules, 2016. Swami Vivekanand Subharti University has installed number of furnaces to manage lab's waste at different labs.

8. **FURNITURE -** Furniture waste on a campus has a couple different sources. The campus itself may also get rid of old furniture as it modernizes its classrooms, cafeterias, computer labs and study spaces. Annually sold to junk dealer.

9. **BOOKS/MAGAZINES/NEWSPAPERS -** Books accounted for solid waste generation and institutions often generate tons of textbook waste. As courses upgrade to new editions, they may end up throwing their newly obsolete textbooks into the garbage if donation programs cannot use them. Students of Swami Vivekanand Subharti University donates their text books and notes to junior students, or else are auctioned to reseller.

10. **C & D WASTE -** Expansion of campus building and renovation works result significant amount of construction and demolition waste that should be either used for back filling or disposed off through authorised dumping site by CPCB/SPCB.

11. **SOLID WASTE -** The university is managing solid waste by providing via composting and bio gas plant.

12. **HORTICULTURE WASTE –** The university campus has lavished greenery and grounds that results significant horticulture waste which is managed by in-house composting system.



ENERGY CONSERVATION

1. **List ten ways that you use energy in your institute. (Electricity, LPG, firewood, others). Using this list, try to think of ways that you could use less energy every day.**

A. Electricity

- *Lights, Fans, Air conditioners*
- *Lab equipment*
- *Computers in labs, faculty rooms & offices*
- *Electrical Appliances in Pantry*

B. LPG

- *Labs, Cafeteria and hostel mess*

Ways to use less energy

- *Replacing the conventional bulbs to LEDs*
- *Solar PV installed on building roofs*
- *Sensor based lights are installed*
- *Use of natural light when possible*
- *Use large appliances together to reduce energy use.*
- *Cleaning of Filters on regular basis and replace them whenever needed.*
- *Turn off the switch on the socket after use.*

2. **Are there any energy saving methods employed in your institute? If yes, please specify. If no, suggest some**

- *Electricity is saved by use of LED bulbs for illumination.*
- *In Canteen, LPG is saved by use of pressure cookers for cooking food.*
- *Switch off fans and lights when not in use*
- *Various energy conservation awareness programs for students and staff*
- *Keep the computers and ACs on power saving mode.*

3. **How many CFL/LED bulbs has your institute installed?**

Approx 90 % of Total Conventional bulbs and tube lights are replaced by LED Lights.

4. **Do you run "switch off" drills at institute?**

Yes

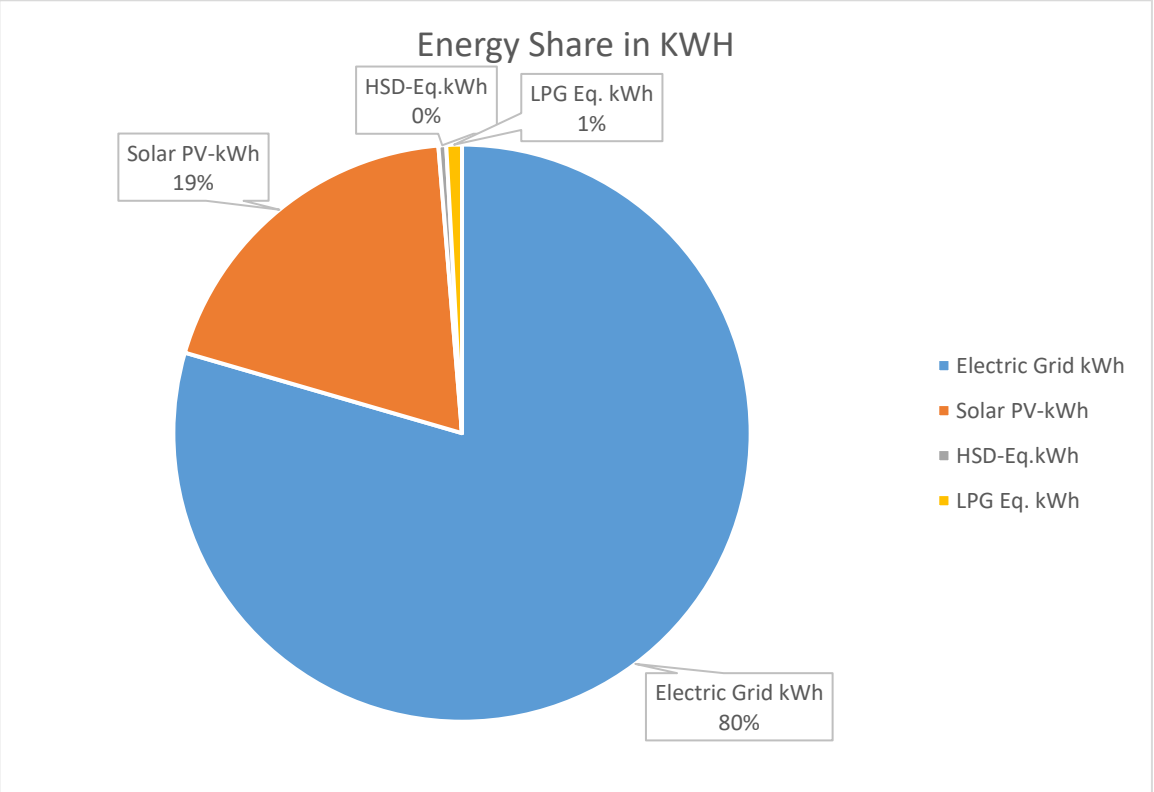
5. **Are your computers and other equipment's put-on power-saving mode?**

Yes

6. Does your machinery (TV, AC, Computer, weighing balance, printers, etc.) run on standby modes most of the time? If yes, how many hours?

Yes, In office hours

Energy Share	kWh	Percentage
Electric Grid kWh	10178260	79.50%
Solar PV-kWh	2456915	19.19%
HSD-Eq. kWh	55800	0.44%
LPG Eq. kWh	111634	0.87%
Total -kWh	**12802609**	**100%**

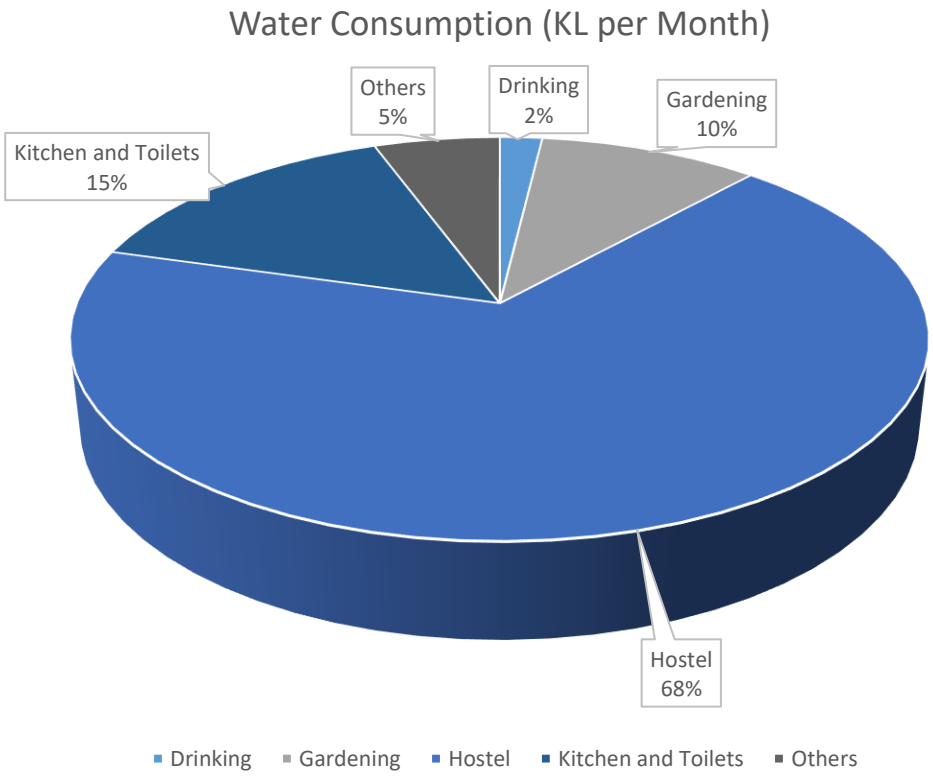


WATER AND WASTEWATER MANAGEMENT

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 liters

- *Avoid overflow of water-controlled valves are provided in water supply system.*
- *Close supervision for water supply system.*
- *Push taps are installed*
- *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 and Exit)

Entry - Water comes from Borewell
Exit- From Canteen, Toilets, Hostel, Bathrooms and Labs through covered drainage which is connected to STP and ETP

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 taps are installed to save water*
- *Water recycling and use of sprinklers for gardening*

5. Does your institute harvest rainwater?

The university has thirty-three rainwater harvesting pits for better groundwater recharge.













6. Is there any water recycling System?

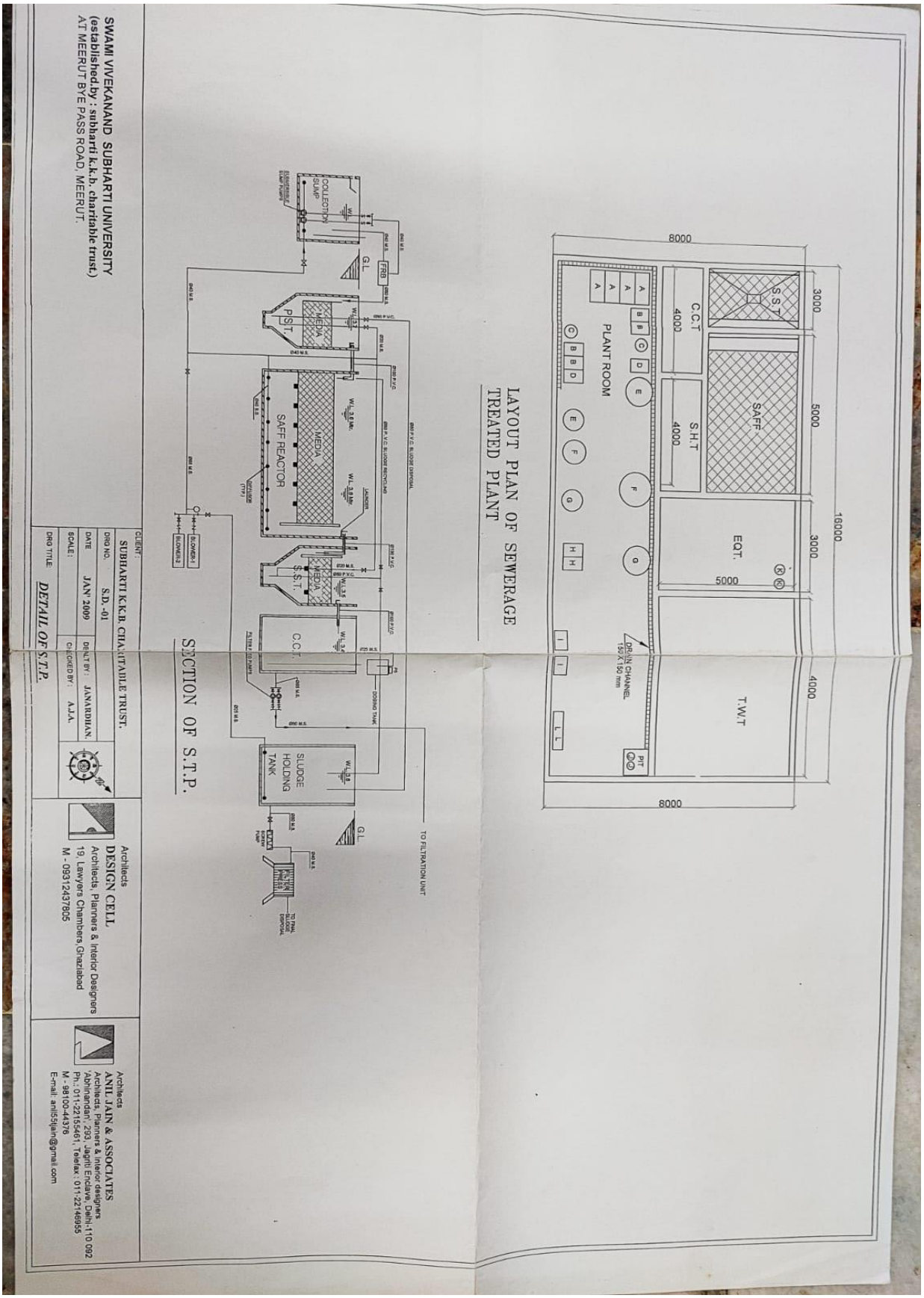
Yes, Swami Vivekanand Subharti University has fully functional STP (1100 KLD) which treated the waste water. And treated water is being used for gardening purpose











Drawing of STP

AIR QUALITY MANAGEMENT

1. Are the Rooms in Campus Well Ventilated?

Yes, as per National Building Code, guidelines

2. Window Floor ratio of the Rooms?

Very Good, ample daylight utilization because of big windows.

3. What is the ownership of the vehicles used by your campus?

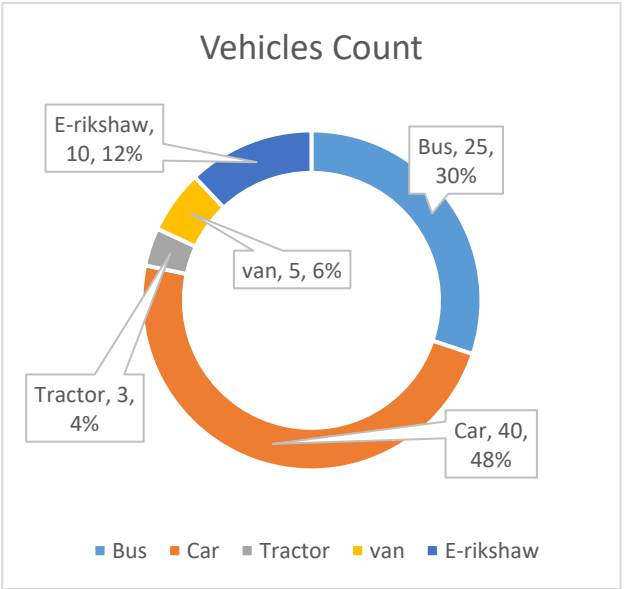
There are 44 Cars, 5 vans, 32 buses, 16 E-rikshaw and 51 others in university.

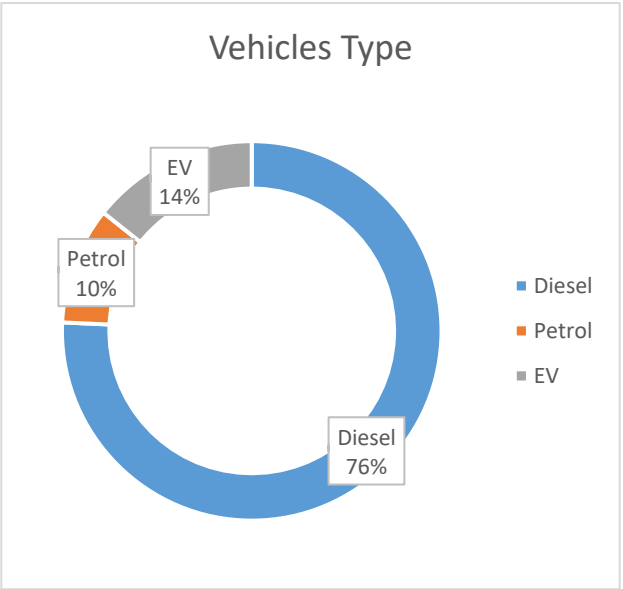
4. Provide details of Institute-owned vehicles?

Vehicle Type	Grand Total
BUS	32
CAR	44
E RIKSHA	16
Moter Cycle	30
Other	11
VAN	10
Grand Total	**143**

5. PUC done?

Yes





6. Specify the type of fuel used by your campus's vehicles

Vehicle Type	CNG	Diesel	Petrol	Electric	Grand Total
BUS	6	26			32
CAR	2	35	2	5	44
E RIKSHA				16	16
Moter Cycle			8	22	30
Other		11			11
VAN		9		1	10
Grand Total	**8**	**81**	**10**	**44**	**143**

7. Air Quality Monitoring Program (If, Any)

Yes, University is monitoring since last 5 years.

ENVIRONMENT LEGISLATIVE COMPLAIANCE

1. Are you aware of any environmental Laws Pertaining to different aspects of environmental management?

Yes

2. Does your institute have any rules to protect the environment? List possible rules you could include.

Yes, Swami Vivekanand Subharti University's- Eco Club & Environment Committee is conscious about the environment protection and takes proper measures in terms of awareness campaigns, activities, webinar, seminars, etc.

3. Does Environmental Ambient Air Quality Monitoring conduct by the Institute?

Yes

4. Does Environmental Water and Waste water Quality monitoring conduct by the Institute?

Yes

5. Does stack monitoring of DG sets conducted by the Institute?

Yes

6. Is any warning notice, letter issued by state government bodies?

No

7. Any Hazardous waste generated by the Institute?

Yes

GENERAL INFORMATION

1. Does your institute have any rules to protect the environment? List possible rules you could include.

- *Periodic Plantation drive*
- *Ban on single use plastic*
- *Biodegradable waste management through Composting and bio gas plant*
- *Water and energy conservation through posters*

2. Are students and faculties aware of environmental cleanliness ways? If Yes Explain

Yes. Swami Vivekanand Subharti University creates awareness through ECO Club activities, Webinars, cleanliness drives in the community.

3. Does Important Days Like World Environment Day, Earth Day, and Ozone Day etc. eminent in Campus?

Yes, World Environment Day, Ozone Day, Earth Day, World water day, World wetland Day, Earth hour and more are celebrated by campus.

4. Does Institute participate in National and Local Environmental Protection Movement?

Yes

5. Does Institute have any Recognition or certification for environment friendliness?

Certificates are attached in annexure I

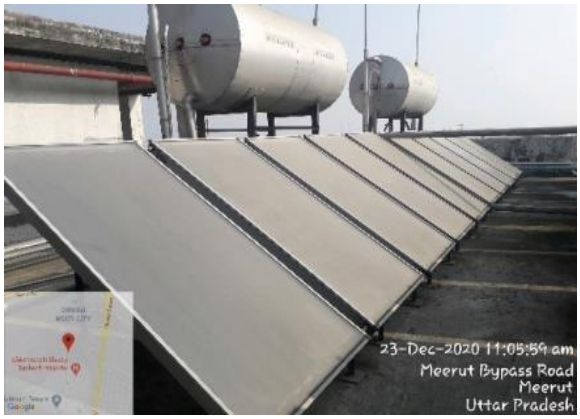
7. Does Institution conduct a green or environmental audit of its campus?

This is the second external audit carried out by the university.

INITIATIVES CARRIED OUT BY UNIVERSITY

- **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 (1100 KLD) & ETP (30+10 KLD) 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**
  - The university has 33 rainwater harvesting pits for better groundwater recharge.
- **Renewable Energy**
  - The university has also 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.
  - Solar water heaters are installed at hostel and canteen.
- **Air Pollution Reduction**
  - Personal Vehicles (Students) are not allowed in the campus
  - 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.





RECOMMENDATIONS

- Eco-friendly parameters should be included in the purchase of articles and goods for the campus.
- Reduce carbon emission by reducing the LPG and diesel consumption
- Water metering records should be in practice for water auditing and balancing.
- Borewell permission should be taken from CGWA or State authority.

CONCLUSION

This audit involved extensive consultation with all the campus team, interactions with key personnel on a wide range of issues related to environmental aspects. Overall, 45% of university campus is for landscaping. Swami Vivekanand Subharti University is dedicated to promote the environment management and conservation in the campus and community. The audit has identified some suggestions for making the campus premise more environment friendly. The recommendations and suggestions are mentioned for campus to initiate actions.

The audit team opines that the overall site is well-maintained from environmental perspective. The recommendations in this report highlight many ways in which the university can work to improve its actions and become a more sustainable institution.

REFERENCES

- 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 I – ENVIRONMENTAL RECOGNITION AND COMPLIANCE



SKY GREEN WASTE RECYCLING MANAGEMENT

1201 **CERTIFICATE OF DESTRUCTION**

In respect of confidential information disclosed to **SKY GREEN WASTE RECYCLING MANAGEMENT, 01/4, Ram Bagh Colony, Meerut (250002).**

And in regard to ***Swami Vivekanand Subharti University, NH -58 Delhi Haridwar Bypass Road Meerut,*** a *Special Import Measures E-Waste Management Rules 2016 Act* proceeding, I hereby confirm that:

a) all hard-Drives and materials have been destroyed;
b) all electronic-copy documents and electronic equipment materials have been destroyed; and
c) notes, charts and memoranda based on such documents and materials have been destroyed.

Specify the counsel within the firm identified above who are represented by this Certificate of Destruction, including the name of the party/parties they represented. Reproduce the signature blocks, below, for each signatory.

H. N. Malik On behalf of **SKY GREEN WASTE RECYCLING MANAGEMENT.**

Date: 13/05/2022 Signature:

M/s SKY GREEN WASTE RECYCLING MANAGEMENT MEERUT

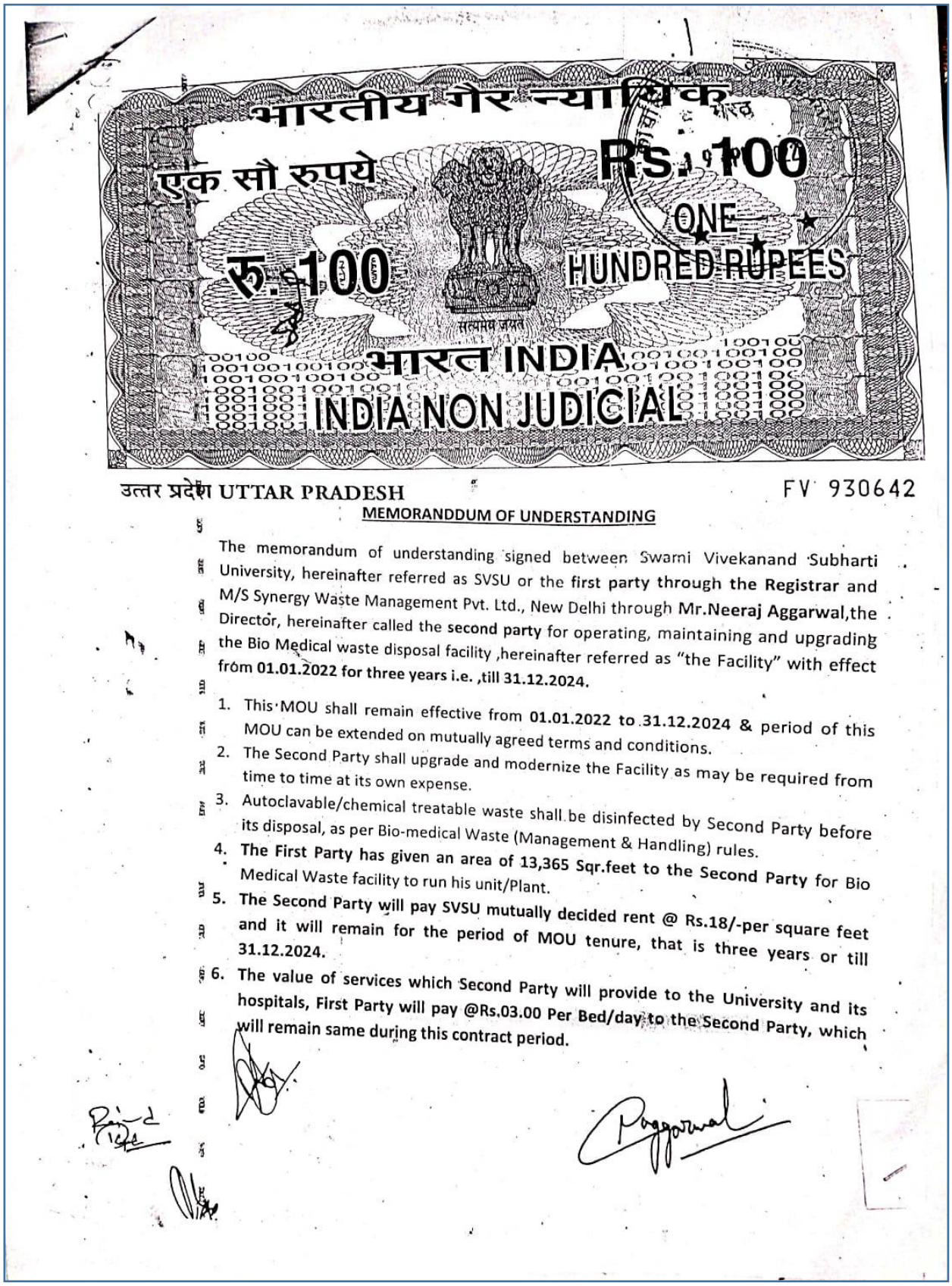
Mr. Vivek Tiwari On behalf of **SWAMI VIVEKANAND SUBHARTI UNIVERSITY.**

Date: 13/05/2022 Signature: 13/05/2022

Recycle Your E-Waste

SKY GREEN WASTE RECYCLING MANAGEMENT
AN ISO -9001:2015 Certified Co.
Web. WWW.skygreenwaste.com
Email:- skygreenwastemanagement@gmail.com
Mob. 8126926002, 9536666223

MOU for e-waste management



भारतीय गैर न्यायिक

एक सौ रुपये

Rs. 100

ONE HUNDRED RUPEES

रु. 100

सत्यमेव जयते

भारत INDIA

INDIA NON JUDICIAL

उत्तर प्रदेश UTTAR PRADESH

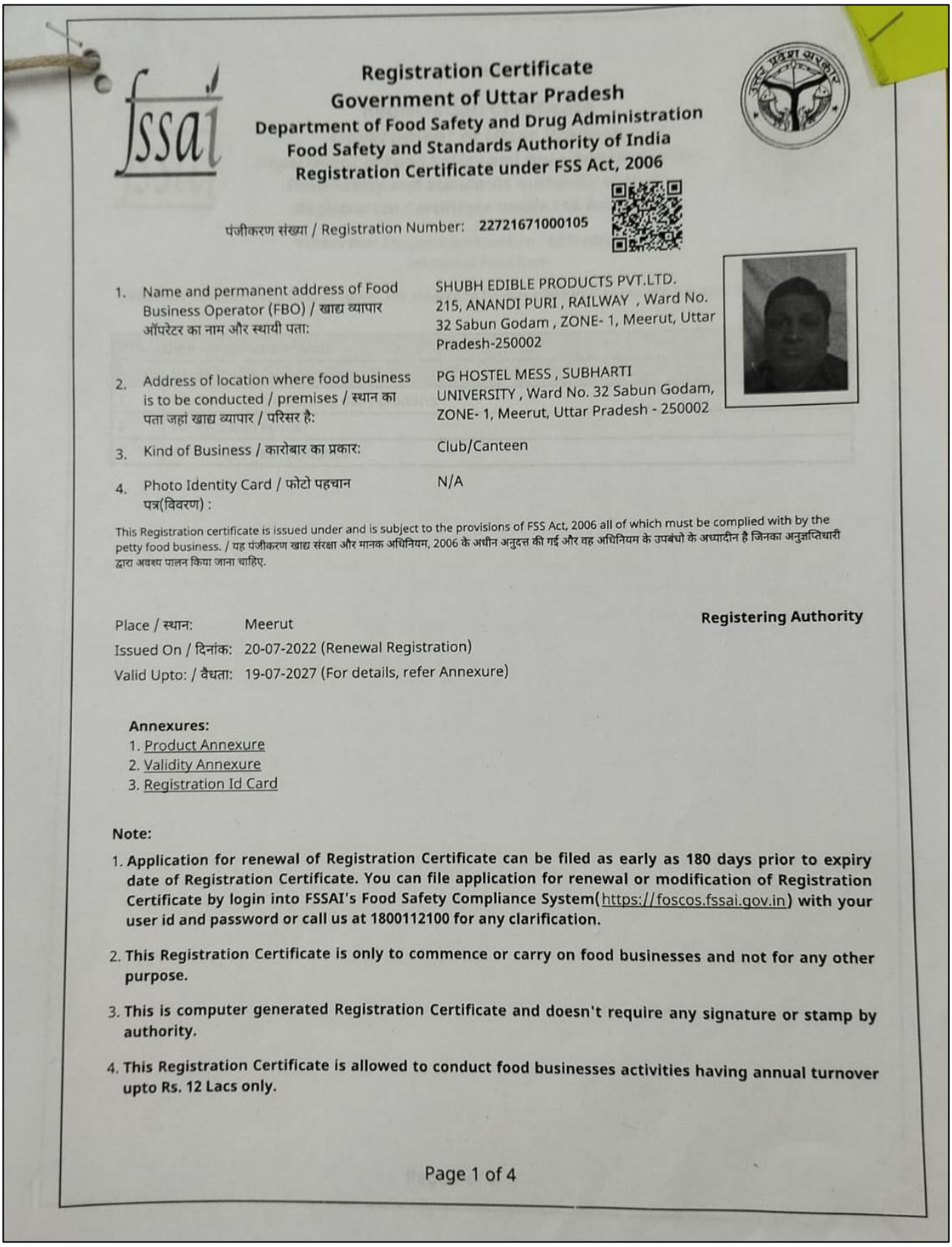
FV 930642

MEMORANDDUM OF UNDERSTANDING

The memorandum of understanding signed between Swami Vivekanand Subharti University, hereinafter referred as SVSU or the first party through the Registrar and M/S Synergy Waste Management Pvt. Ltd., New Delhi through Mr.Neeraj Aggarwal,the Director, hereinafter called the second party for operating, maintaining and upgrading the Bio Medical waste disposal facility ,hereinafter referred as "the Facility" with effect from 01.01.2022 for three years i.e. ,till 31.12.2024.

1. This MOU shall remain effective from 01.01.2022 to 31.12.2024 & period of this MOU can be extended on mutually agreed terms and conditions.
2. The Second Party shall upgrade and modernize the Facility as may be required from time to time at its own expense.
3. Autoclavable/chemical treatable waste shall be disinfected by Second Party before its disposal, as per Bio-medical Waste (Management & Handling) rules.
4. The First Party has given an area of 13,365 Sqr.feet to the Second Party for Bio Medical Waste facility to run his unit/Plant.
5. The Second Party will pay SVSU mutually decided rent @ Rs.18/-per square feet and it will remain for the period of MOU tenure, that is three years or till 31.12.2024.
6. The value of services which Second Party will provide to the University and its hospitals, First Party will pay @Rs.03.00 Per Bed/day to the Second Party, which will remain same during this contract period.

MOU for BMW management



Registration Certificate
Government of Uttar Pradesh
Department of Food Safety and Drug Administration
Food Safety and Standards Authority of India
Registration Certificate under FSS Act, 2006

पंजीकरण संख्या / Registration Number: **22721671000105**

1.	Name and permanent address of Food Business Operator (FBO) / खाद्य व्यापार ऑपरेटर का नाम और स्थायी पता:	SHUBH EDIBLE PRODUCTS PVT.LTD. 215, ANANDI PURI , RAILWAY , Ward No. 32 Sabun Godam , ZONE- 1, Meerut, Uttar Pradesh-250002
2.	Address of location where food business is to be conducted / premises / स्थान का पता जहां खाद्य व्यापार / परिसर है:	PG HOSTEL MESS , SUBHARTI UNIVERSITY , Ward No. 32 Sabun Godam, ZONE- 1, Meerut, Uttar Pradesh - 250002
3.	Kind of Business / कारोबार का प्रकार:	Club/Canteen
4.	Photo Identity Card / फोटो पहचान पत्र(विवरण) :	N/A

This Registration certificate is issued under and is subject to the provisions of FSS Act, 2006 all of which must be complied with by the petty food business. / यह पंजीकरण खाद्य संरक्षा और मानक अधिनियम, 2006 के अधीन अनुदत्त की गई और वह अधिनियम के उपबंधो के अध्यादीन है जिनका अनुज्ञप्तिधारी द्वारा अवश्य पालन किया जाना चाहिए.

Registering Authority

Place / स्थान: Meerut
Issued On / दिनांक: 20-07-2022 (Renewal Registration)
Valid Upto: / वैधता: 19-07-2027 (For details, refer Annexure)

Annexures:
1. Product Annexure
2. Validity Annexure
3. Registration Id Card

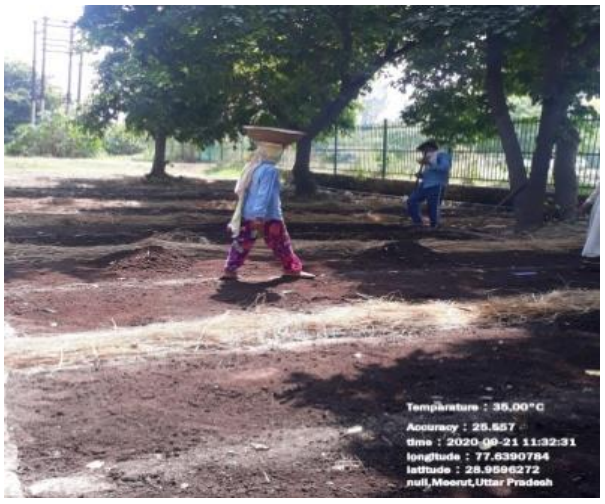
Note:

1. **Application for renewal of Registration Certificate can be filed as early as 180 days prior to expiry date of Registration Certificate. You can file application for renewal or modification of Registration Certificate by login into FSSAI's Food Safety Compliance System(https://foscos.fssai.gov.in) with your user id and password or call us at 1800112100 for any clarification.**
2. **This Registration Certificate is only to commence or carry on food businesses and not for any other purpose.**
3. **This is computer generated Registration Certificate and doesn't require any signature or stamp by authority.**
4. **This Registration Certificate is allowed to conduct food businesses activities having annual turnover upto Rs. 12 Lacs only.**

Page 1 of 4

Food Safety Licence













Solid waste management practice at the university campus

ANNEXURE II – PHOTOGRAPHS OF ENVIRONMENTAL INITIATIVES



Sewage treatment Plant



Water storage tanks & RO plant



Solar Panel installed on building roof



Autopush taps for water saving



Water conservation poster competition



Color-coded dustbins



water conservation debate - awareness program



International lecture - awareness session



Overhead tank



Awareness Lecture on E-waste management



Plantation drive



Environment Day Celebration



Save Earth awareness posters



Energy saving message



World Ozone Day Celebration



Rainwater harvesting pit



Lecture on biodiversity conservation



Environment friendly EV (e-Rikshaw)

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