



MAITREYI COLLEGE

University of Delhi, India

GREEN AUDIT REPORT

Prepared by
EHS ALLIANCE SERVICES

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CERTIFICATE No. EHSAC2121

CERTIFICATE

**M/s Maitreyi College
University of Delhi**

Jesus And Mary Marg, Bapudham, Chanakyapuri, New Delhi, Delhi 110021

Has been assessed by us for the comprehensive study of environmental impact on institutional working framework to fulfill the requirement of

Green Audit

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

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

Date of Audit: 29 Jun, 2021


Puneet Kaushik
For EHS Alliance Services



EHS Alliance Services

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Acknowledgement

EHS Alliance Services Green Audit Team thanks the management of Maitreyi College, for assigning this important work of Green Audit. We appreciate the co-operation of our team for the completion of the study.

Our special thanks are due to:

Prof. Haritma Chopra, Principal (Officiating)
Green Audit Coordinator –Dr Poonam Juneja and Mr. Ranu Kumar

Supporting Staff of campus gave us necessary inputs to carry out this very vital exercise of Green Audit. We are also thankful to other staff members who were actively involved while collecting the data and conducting field measurements.



Disclaimer

EHS Alliance Services Green Audit/Environment Audit Team has prepared this report for Maitreyi College, University of Delhi, based on input data submitted by the representatives of the College complemented with the best judgment capacity of the expert team.

While all reasonable 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 have 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 organization, then all pages must be included.

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Vijay Singh
Lead Auditor



Puneet Kaushik
EHS Consultant and Lead Auditor EMS

Context and Content

The National Assessment and Accreditation Council, New Delhi (NAAC) has made it mandatory from the academic year 2016–17 onwards that all Higher Educational Institutions should submit an annual Green/Environment Audit Report. Moreover, it is part of the 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 College Management decided to conduct an external Green Evaluation by a competent Green Auditor along with a Green Audit Assessment Team headed by Dr. Poonam Juneja - Associate Professor, Physics Department, Maitreyi College, University of Delhi. Green Audit focuses on the Green Campus, Waste Management, Water Management, Air Pollution, Energy Management & Carbon footprint etc. being implemented by the Maitreyi College Management. The concepts, structure, objectives, methodology, tools of analysis, objectives of the audit are discussed below.

Introduction

A Nation's growth starts from its educational institutions, where the ecology is thought as a prime factor of development associated with the environment. Educational institutions now a day are becoming more sensitive to environmental factors and more concepts are being introduced to make them eco-friendly.

To preserve the environment within the campus, various viewpoints are applied by the several educational institutes to solve their environmental problems such as promotion of energy savings, recycle of waste water, waste water reduction, rain water harvesting etc. The activities pursued by colleges can also create a variety of adverse environmental impacts.

The green audit is a way to show businesses what type of carbon footprint they are leaving on the planet, while also giving them ways to reduce it. A green audit involves the inspection of a company to assess the total environmental impact of its activities, or a particular product or a process.

The green audits are tools that organizations use to identify their environmental impacts and assess their compliance with applicable laws and regulations, as well as with the expectations of their various stakeholders. It also serves as a means to identify opportunities to save money, enhance work quality, improves employee health, safety and morale, reduce liabilities and achieve other forms of business values.

The Green audit can be a useful tool for a college to determine how and where they are using the most energy or water or resources; the college can then consider how to implement changes and make savings. It can also be used to determine the type and volume of waste, which can be used for a recycling project or to improve the waste minimization plan.

Green auditing and the implementation of mitigation measures is a win-win situation for the entire college, the learners and the planet.

It can also create health consciousness and promote environmental awareness, values and ethics. It provides staff and students with a better understanding of Green impact on campus.

Overview of College

Maitreyi College, University of Delhi is a renowned women's college situated in



Chanakyapuri, South Delhi. Maitreyi College practices a pedagogical approach which aims at the holistic development of the students. The ever-increasing growth and progress of the institution can be comprehended by the way the college moved from the 86th position in NIRF ranking-2018 to the 35th position in 2021. Apart from offering courses in Arts, Commerce and Science to more than 3000 students at the undergraduate level, the college also offers Certificate courses in Journalism & Web designing and Certificate/Diploma/Advanced Diploma in French, Spanish as non-credit add on courses. Maitreyi not only tries to create competent, aware and persevering students, it also makes them acutely conscious of their responsibility towards society. The college initiated Sashakt and community outreach programme. Sashakt Nodal Sports Centre for PwDs (Person with Disabilities) is the country's first initiative, in which NATIONAL and INTERNATIONAL level Paralympics and basketball players practice in college premises. Through various training programs and activities, the college bridges the gap between industry and academics by contributing to the growth and personality development of students through departmental magazines and various start-up initiatives by the Entrepreneurship Cell. The college also conducts various summer internship programs under the guidance of mentors but also engages students in annual research projects to instill the ability to think deeply and analyze minutely. The College also publishes biannual peer reviewed e-magazine 'Samvedana' (ISSN No. 2581-9917) and e-journal 'Vantage: The Journal of Thematic Analysis' (ISSN No. 2582-7391).



The College has many **'firsts' to its credit** – it is the first College in the University of Delhi to offer PG Diploma in Nanotechnology and the first to adopt E-Learning methodology to create teaching material and evaluating quizzes for which an e-lab has also been set up. The college also initiated an endeavor to bridge the gap between

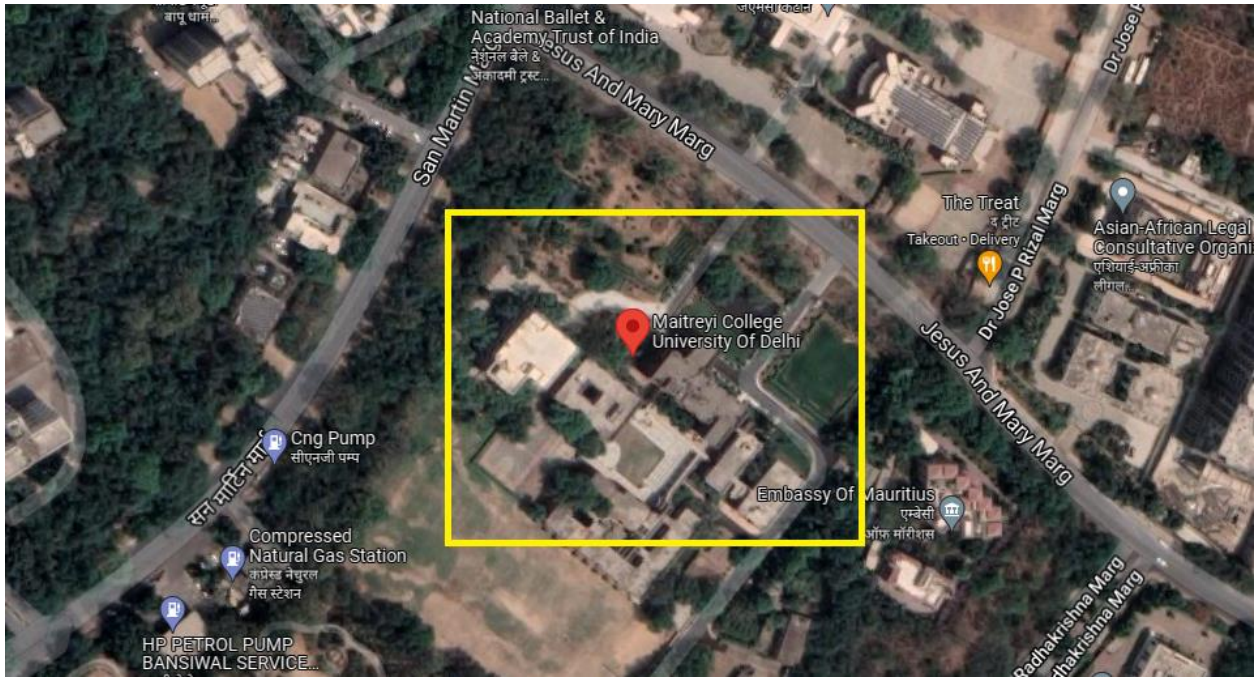
school and college for students with special needs through seminars. Another milestone achieved by Maitreyi college is the calculation of its carbon footprint since 2018-19. Maitreyi college is first ever college in University of Delhi to do the same and aims at becoming a carbon neutral campus.

Apart from our excellence in academics, college has an established tradition of continuous achievements in the field of **sports, NCC, NSS, and cultural activities**. We look forward to the whole-hearted participation and involvement of our students in the academic and cultural life of the College.



The new four storey science block, which comprises fully equipped laboratories, lecture theatres, classrooms, and faculty-rooms, is set to be operational soon. Professor Yogesh Tyagi, Vice-Chancellor, University of Delhi laid the **foundation stone of the hostel**. The four-storey hostel facility would house 94 students and will have a reading room, gymnasium, common room for recreation, activity room, dining hall, kitchen, and warden's residence. The hostel would accommodate both national and international students and rooms would be allocated based on merit and distance from the college.

Google Map – Satellite View of Campus



Geo-tagging Coordinates: 28.5924204, 77.1764822

Maitreyi College

VISION | MISSION | OBJECTIVES



VISION

Recognition of Maitreyi College as 'Knowledge Centre' at national and international levels.

MISSION

The defining aspects of the mission of the college to realize its vision are:

- To facilitate our students and teachers to become outstanding scholars, educators, researchers and professionals.
- To inculcate in our students the importance of learning and its continuous pursuance so as to enable them to develop intellectually and emotionally.
- To achieve enhanced level of education through innovative and professional methodology, hands-on training, workshops and seminars.
- To motivate and empower students to become academically proficient, intellectually engaged and socially responsible citizens with a clear understanding of the diversity that exists in the ethos of our culture and society.

OBJECTIVES

- To inculcate a commitment to quality and ethically sound practices.
- To instill a goal oriented and professional approach among students to become responsible citizens.
- To constantly review the curricular and co-curricular progress of the students to adopt effective measures for addressing the challenges.
- To instill in students a scientific temperament and an analytical mindset.
- To provide infrastructural facilities such as laboratories, library etc. conducive to teaching-learning environment for the stakeholders.
- To be well equipped for commencing and conducting graduate and postgraduate courses and research oriented programs as and when the University of Delhi and University Grants Commission permit their implementation.
- To conduct specialized additional courses in Nanotechnology, Journalism etc.
- To periodically interact with reputed industries and research institutes.

Audit Objectives

The broad aims/benefits of the eco-auditing system are:

- Environmental education through systematic environmental management approach
- Improving environmental standards
- Benchmarking for environmental protection initiatives
- Sustainable use of natural resource in the campus.
- Eco Friendly practices in campus for reduction in resource use.
- Curriculum enrichment through practical experience.
- Development of ownership, personal and social responsibility for the college campus and its environment
- Enhancement of college profile
- Inculcation of environmental ethic and value systems in young minds

Audit Participants

On behalf of Institute:

Name	Position/Department
Dr Poonam Juneja	Associate Professor, Department of Physics
Mr. Ranu Kumar	Admin Officer

On behalf of EHS Alliance Services:

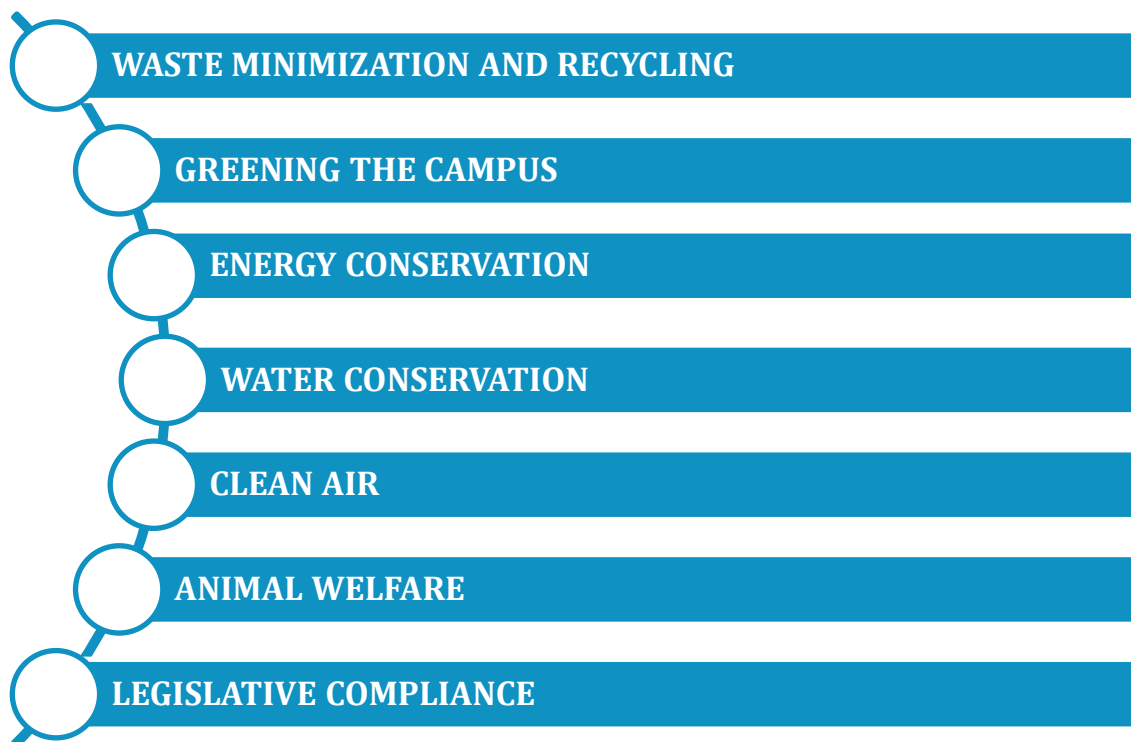
Name	Position	Qualification
Mr. Vijay Singh	Lead Auditor	M.Sc. M. Tech , PGDISM, Lead Auditor ISO 14001:2015, OHSAS 18001:2007, BEE Energy Auditor
Dr Uday Pratap	Co- Auditor	Ph.D. PDIS, QCI-WASH
Ms Pooja Kaushik	Field Expert	M.Sc, LA EMS, OSH

Executive Summary

The Green 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 is the first external audit of the institute for NAAC affiliation; QS Programme and doing their bit towards environmental protection and environmental awareness at the local and global front. Audit criteria are environmental cognizance, waste minimization and management, biodiversity conservation, water conservation, energy conservation and environmental legislative compliance by the campus. A questionnaire is used during the audit. This audit report contains observations and recommendations for the improvement of environmental consciousness based on the following parameters:



Parameters for assessment under Green Audit

Green Audit –Assessment Questionnaire

General Information

Was any Environmental Audit conducted earlier?

No, This is the first time a systematic way of monitoring environmental eminence initiative has been taken up by the college for environment protection.

What is the total permanent population of the Institute?				
Population	Male	Female	Total	The approximate Number of Visitors (Per day) is 20 in the college campus.
Students	0	1466	1466	
Teachers	24	171	195	
Non-Teaching Staff	105	23	128	
Sub Total	129	1660	1789	
What is the total number of working days on your campus in a year?				
There are two hundred ten (210) working days in a year.				
Where is the campus located?				
Maitreyi College, a constituent college of University of Delhi, is part of its South Campus and is located at Bapudham, Chanakyapuri, New Delhi-110021.				
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 (numbers)	Yes - 1 (for 90+ students); Building yet to be handed over by CPWD			
Guest House	Not Available			
Which of the following are found near your institute?				
Municipal dump yard	Not in the vicinity of the institute			
Garbage heap	No Garbage heaps			
Public convenience	Yes, public convenience is available			
Sewer line	Yes, 0.64 km sewer line within the campus			
Stagnant water	No stagnant water			
Open drainage	No			
Industry - (Mention the type)	No			
Bus / Railway station	Nearby bus stop and metro station			
Market / Shopping complex	Yes			

I - Waste Minimization and Recycling

Does your institute generate any waste? If so, what are they?	Yes; solid waste, chemical waste, microbial waste, electronic equipment waste, canteen waste, paper, plastic, horticulture waste etc.
What is the approximate amount of waste generated per month? (in Kilograms/month) (approx.)	Bio-degradable - 150 kg Non-biodegradable - 100 kg E-waste - < 2 kg Hazardous - < 1 kg Others - < 1 kg

<p>How is the waste generated in the institute managed? By</p> <ol style="list-style-type: none"> 1 Composting 2 Recycling 3 Reusing 4 Others (specify) 	<p>Composting: Composting is regularly done by college for canteen waste and horticulture waste management, wherein the organic discards are processed and the compost formed thereafter is used for the college gardens and lawns. Faculty and students purchase this organic compost for their personal use.</p> <p>Recycling: For recycling, discarded paper is collected in boxes placed in office, library, teachers' rooms, laboratories and classrooms. All stakeholders are encouraged to put their waste papers in the collection boxes. After collection from all over the campus, the office does the needful for further recycling.</p> <p>Reuse: Utilization of one-side used paper is encouraged. All glassware including glass slides and coverslips are washed and reused. Material used for decoration during one event are reused in the next event.</p> <p>Others: Zoology Laboratories, non-pathogenic strain of E.coli (DH5 alpha) is used for various experiments. The microbial waste (solid bacterial culture agar plates & liquid culture broths) are discarded after autoclaving (killing the bacteria before discarding) for 30 minutes at 121°C and 15 psi.</p> <p>Battery eliminator is used in place of ordinary dry batteries as power source for equipment like radio receivers AM/ FM, tape recorders, calculators etc. and other low power operated equipment.</p> <p>Sewage water is discharged into the Public Sewer. Domestic Solid Waste is given to Municipal Corporation. Two separate types of waste bins (for biodegradable and non-biodegradable waste) are placed at different locations in the campus.</p>
<p>How many separate boxes are put into a classroom for waste segregation and recycling?</p>	<p>Waste paper collection boxes are kept in each classroom.</p>
<p>Do you use recycled paper in the institute?</p>	<p>Yes</p>

How would you spread the message of recycling to others in the community?	<p>1. Bins/boxes for collecting used/ waste paper have been placed in all the classrooms, teacher's rooms, laboratories, library and office.</p> <p>2. Utilization of one-side used paper by students, faculty members and office staff is encouraged</p> <p>3. Every year the new batch of students are made aware of the importance of recycling.</p> <p>4. All stakeholders are advised to place the one-side used paper in a separate boxes / packets for reuse.</p>
Laboratory waste management plan	<p>Glass and metal waste (needle, broken slides etc) are collected separately and discarded safely in labelled packets. Laboratories are kept clean and all waste material is removed immediately after every class. Hazardous chemicals (if any) are discarded separately according to safely regulations.</p> <p>Physics Laboratory:</p> <p>1. To prevent premature battery failure, (i) Terminals are regularly greased and cleaned with sand paper, (ii) Batteries are refilled with distilled water, (iii) Regular charging (to maintain at 0.5 V) even when not in use and (iv) Batteries are stored at room temperature or less to avoid discharging.</p> <p>2. E-waste of different types are collected in different boxes and stored for proper disposal.</p>
Can you achieve zero garbage in your institute? If yes, how?	Yes - through implementation of waste management policies.

II -Greening the Campus

Is there a garden in your institute?	Yes, about 15110.56 Sq. Meter areas are developed as Gardens.	
Do students spend time in the garden?	2-4 Hours during winters	
Total number of Plants in Campus	Plant type	Approx. number
	Full Grown Trees	127
	Semi Grown Trees	617
	Hedge Plants	164
	Grass Cover	15110.56 SQM
Does the college campus have any	Yes (Garden Committee)	

Horticulture Department? (If yes give details)	
Several Tree Plantation Drives are organized by campus per annum. (If Any)	Tree Plantation Drives are organized in the campus annually. Total 15 trees were planted in this Financial Year with 100% survival rate.
Plant Distribution Program for Students and Community	Under UBA, 40 plants were distributed in 4 villages.
Plant Ownership Program	No

III – Energy Conservation

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.	Electricity used in classrooms, labs, canteen, washrooms, staff rooms, and office. LPG is used in chemistry lab.
Are there any energy-saving methods employed in your institute? If yes, please specify. If no, suggest some	Electricity is saved by the use of CFL/LED bulbs for illumination and switched off when not in use.
How many CFL/LED bulbs have your institute installed?	Approximately 1500 LED tube lights are there in the campus, and 480 new LED light have been purchased for science block. 26 Solar LED street lights (60 watts) and 11 LED street lights (20 Watts) were installed.
Do you run “switch off” drills at the institute?	Yes, Quarterly
Are your computers and other equipment’s put on power-saving mode?	Yes, In Practice
Does your machinery (TV, AC, Computer, weighing balance, printers, etc.) run on standby modes most of the time? If yes, how many hours?	Yes, 6 hours.

Energy Share	kWh	Percentage
Electric Grid kWh	276030.00	94.37%
Solar PV-kWh	0	0.00%
HSD-Eq.kWh	13700	4.68%
LPG Eq. kWh	2775.25	0.95%
Total -kWh	292505.25	100%

IV – Water Conservation

The list uses of water in your institute	Basic use of water in campus: Drinking – 43.1 KL/month
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	<p>Gardening – 63.0 KL/month Kitchen and Toilets – 339.7 KL/month Others – 131.1 KL/month Hostel – 253.8 KL/month Total 830.8 KL/month</p>
<p>How does your institute store water? Are there any water-saving techniques followed in your institute?</p>	<p>01 Underground Water tank installed for storage of water with capacity – 1,00,000 Ltr.</p> <p>To avoid overflow of water, controlled valves are provided in the water supply system. Close supervision of the water supply system.</p> <p>RO treated water is used in washrooms and for watering the plants.</p>
<p>Locate the point of entry of water and the point of exit of wastewater in your institute. (Entry and Exit)</p>	<p>Entry - Water comes from Delhi Jal Board supply and two bore wells in the campus.</p> <p>Exit - From the kitchen, hostel amenities, canteen facilities, laboratories, and urinals through covered drainage into the sewage.</p>
<p>Write down ways that could reduce the amount of water used in your institute</p>	<p>Standard ways:</p> <ul style="list-style-type: none"> • Close the taps after use. • Maintenance and monitoring valves in supply system to avoid overflow leakage and spillage. • Water conservation awareness for all stakeholders. <p>The college has recently shifted to sensor taps.</p>
<p>Does your institute harvest rainwater?</p>	<p>Yes, a total of six rainwater harvesting underground pits are available in the campus (4 in New Science Block, 1 in Girls' Hostel, 1 in the Main building).</p>
<p>Is there any water recycling System?</p>	<p>Partially. Waste water from RO plant is utilized in washrooms and gardens.</p>

V – Clean Air

<p>Are the rooms in Campus well ventilated?</p>	<p>Yes, as per NBC 2005 recommendation.</p>				
<p>Window Floor ratio of the rooms</p>	<p>Very Good, ample daylight utilization.</p>				
<p>What is the ownership of the vehicles used by your campus?</p>	<p>Campus-owned and personal-owned vehicles</p>				
<p>Provide details of college-owned vehicles?</p>	<p>Buses</p>	<p>Cars</p>	<p>Vans</p>	<p>Other</p>	<p>Total</p>

No. of vehicles	1	--	--	--	1
No. of vehicles more than five years old	1	--	--	--	1
PUC done	Yes	--	--	--	--
Specify the type of fuel used by your campus's vehicles	Diesel-0, Petrol – 0, CNG – 1				
Air Quality Monitoring Program (If Any)	NA				
Details of DG Sets in campus	Yes, 2 Numbers of DG Sets with capacities of (250 and 450) KVA. Both have acoustic enclosure canopy and stack height.				

VI - Animal Welfare

List the animals (wild and domestic) found on the campus (dogs, cats, squirrels, birds, insects, etc.)	Birds and Squirrels are commonly found on the campus. Around 200 birds and 100 squirrels have been sighted at various times. Four dogs also inhabit the campus. Peacocks are also often seen in college lawns/gardens along with butterflies, insects, bees. A variety of birds species and other flora and fauna are available in the campus. In 2016, Yellow-wattled lapwing, Red-wattled lapwing, Indian peafowl, Rose-ringed parakeet, Indian myna, Black drongo, Laughing dove, Eagle, Wabblers, Asian pied starling, etc. were sighted in the campus.
Which is the animal welfare organisation nearest to your college?	Stray Relief and Animal Welfare (STRAW) 2303, Sector D, Pocket 2, Vasant Kunj New Delhi, India, 110070 (contact@strawindia.org)
Is there any incidence of animals getting wounded/affected due to unfavourable conditions existing in your college or nearby? (like a dog getting wounded, poisoning of animals, improper caging of animals, hunting of animals, etc.)	No
Does your institute have a Biodiversity Programme or a KARUNA CLUB?	The College is part of Delhi Government's Eco Club scheme since 2007.

VII - Environmental Legislative

Are you aware of any environmental Laws pertaining to different aspects of environmental management?	Yes, faculty members and the administrative team is well aware of national environmental laws.
Does your institute have any rules to protect the environment? List possible rules you	Yes. Some rules to protect the environment: 1. NO LITTERING in the Campus 2. Single-use plastic PROHIBITED

could include.	<ol style="list-style-type: none"> 3. Smoking / Use of Tobacco PROHIBITED 4. Plucking of flowers and plants NOT ALLOWED 5. SWITCH OFF lights, fans when leaving the classroom, laboratories 6. Entry of vehicles RESTRICTED - Use public transport 7. Eatables from canteen NOT ALLOWED in classrooms 8. Playing loud music NOT ALLOWED
Does Environmental Ambient Air Quality Monitoring conducted by the Institute?	No
Is Environmental Water and Wastewater Quality monitoring conducted by the Institute?	No
Is stack monitoring of DG sets conducted by the Institute?	Yes.
Is any warning notice, letter issued by state government bodies?	Not any. Half Yearly Compliance reports are submitted to statutory bodies.

VIII -General Practices

Are students and faculty aware of environmental cleanliness ways? If Yes Explain	<p>Yes. Periodically plantation drives, pollution reduction and energy conservation awareness campaigns are carried out by the institute.</p> <p>Rules to protect the environment are prominently displayed and are available on the college website.</p>
Does Important Days Like World Environment Day, Earth Day, and Ozone Day etc. eminent in Campus?	<p>Yes. To name a few:</p> <ol style="list-style-type: none"> (1) 'Tree Plantation Pakhwada' was organized from 13th – 28th July 2020 (2) National-level online competition was conducted on 5th June 2020 for

	<p>World Environment Day on the theme 'Rejuvenating Nature Amid Covid Crisis'</p> <p>(3) National-level online competition conducted on 8th June 2020 for World Oceans Day on the theme 'Rejuvenating Nature Amid Covid Crisis'</p> <p>(4) Webinar on 'Wasteland Management through aromatic plant cultivation' was conducted on 16th Oct 2020.</p>
Does the Institute participate in the National and Local Environmental Protection Movement?	Yes
Does the Institute have any Recognition or certification for environment friendliness?	'Plastic free campus' and 'Clean and green campus'.
Does the Institution conduct a green or environmental audit of its campus?	No, this is the first external audit carried out by the college.
Has the institution been audited/accredited by any other agency such as NABL, NABET, TQPM, NAAC etc.?	Yes, by NAAC in 2016

Green Initiatives by campus

Biodiversity Conservation – Flora and fauna conservation programs and multiple environment awareness campaigns are organized by the College.

Tree Plantation Drives – Tree Plantation Drives are organized regularly. Guests visiting the college on the Annual Day or other events are honored by way of their contribution towards the Drive.

Ground Water Recharge - 6 units of Rain Water Harvesting System.

Air Pollution Reduction - Personal vehicles (belonging to students) are not allowed inside the campus and 70% of CNG vehicles are adopted for transportation by third party contractors.

E-Waste Management - Old computers and other e-waste are managed through HSPCB authorized recyclers.

Solid Waste Management - Waste segregation and management is carried out by third-party vendor and waste minimization practices (like avoiding / minimizing food waste, ban on plastic crockery, etc.) are adopted.

Water Conservation - RO wastewater is stored in a separate tank and is utilized in washrooms and for gardening.

Recommendations

- ✿ College should create an Environmental Committee for sustainable use of resources and pledge green initiatives.
- ✿ A waste water treatment system should be installed.
- ✿ Eco-friendly parameters should be included in the purchase of articles and goods for the campus.
- ✿ Bore well water meter must be installed at the institute for monitoring the water consumption per capita in each block.
- ✿ Solar power plant should be installed on the building roofs of the campus. It would be one of the best practices towards Carbon Neutrality.
- ✿ Increase in promotional activities for spreading awareness about energy savings and environmental awareness at the campus.
- ✿ Prominent display of environment-conscious posters/paintings/slogans for spreading awareness amongst students.
- ✿ Periodic and target-specific workshops related to Plastic free campus, plantation drives, 3R implementation, e-waste collection, menstrual hygiene, etc. should be carried out.
- ✿ Plant Ownership Program should be initiated – Several Trees should be planted and owned by visitors as well as students. The names of such visitors / students should also be displayed near the plants.
- ✿ Green building guidelines should be followed for future expansion projects of the College.
- ✿ To eliminate the spillage and over usage of water in washbasins, urinals and toilet push taps are highly recommended.

Provide sanitary waste disposal facility by following the CPCB guidelines for the management of sanitary waste - As per Solid Waste Management Rules, 2016. An incinerator machines should be installed at the campus for sanitary waste disposal.

Conclusion

This audit involved extensive consultation with the campus team members, interactions with key personnel on a wide range of issues related to Environmental aspects. Maitreyi College, University of Delhi has around 50% of the college campus for landscaping. The audit has identified a certain set of observations for making the campus premise more environmental friendly. The recommendations are also mentioned with observations for the college campus team to initiate actions.

The audit team opines that the overall site is maintained well from an environmental perspective. There are no major observations but few things that are important to initiate urgently are waste management plan, water balance cycle, Environmental Committee creation for sustainable use of resources and periodic inspection of buildings and maintenance of solar power panels to increase the energy efficiency.

References

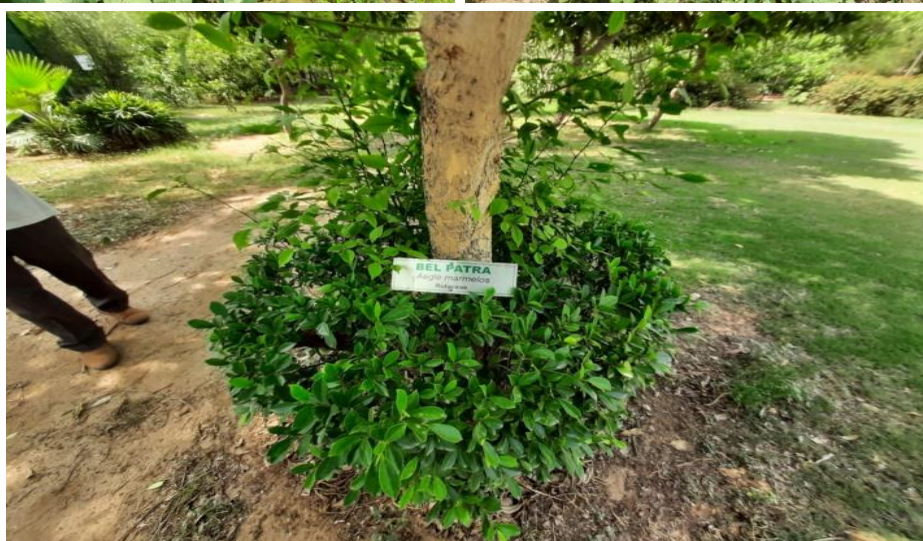
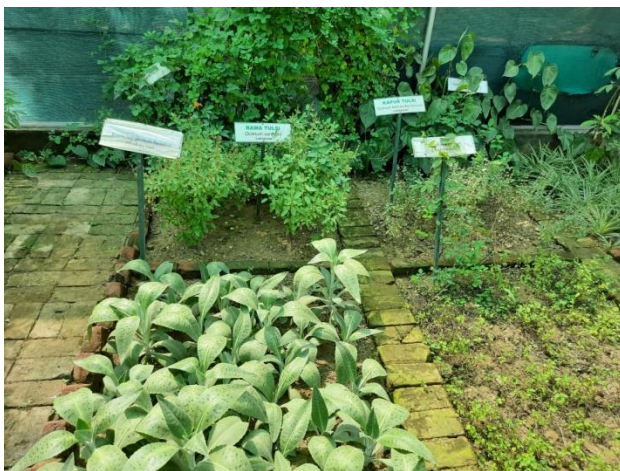
- The Environment [Protection] Act – 1986 (Amended 1991) & Rules-1986 (Amended 2010)
- The Petroleum Act: 1934 – The Petroleum Rules: 2002
- The Central Motor Vehicle Act: 1988 (Amended 2011) and The Central Motor Vehicle
- Rules:1989 (Amended in 2005)
- Energy Conservation Act 2010.
- The Water [Prevention & 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

Transparency of Green Audit Report

The green audit report is one of the useful means of demonstrating an organization's commitment to openness and transparency. If an organization believes it has nothing to hide from its stakeholders, then it should feel confident enough to make its green audit

reports freely available to those who request them. As a basic rule, green audit reports should be made available to all stakeholders.

Green Initiative Photographs



HERBAL GARDEN DEVELOPED BY THE COLLEGE



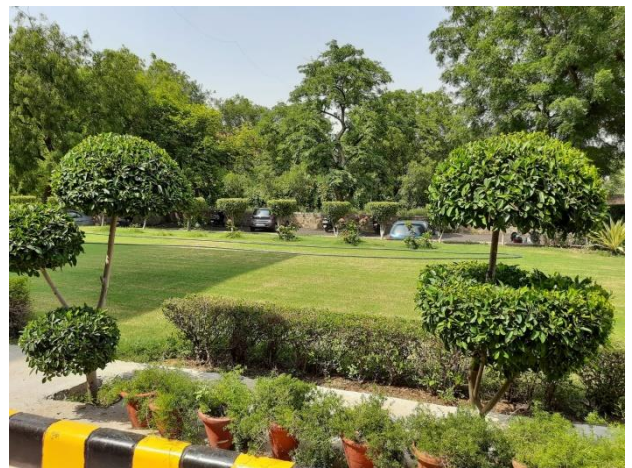
REUSE PROJECT – PLASTIC BOTTLES CONVERTED INTO PLANTERS AND FEEDERS



COMPOST PIT IN CAMPUS



PAPER RECYCLING



LUSH GREEN CAMPUS



CAMPUS OVERVIEW - BUILDING | PARKING | PLAYGROUND | RAIN WATER HARVESTING PIT



ECO FEST 2020



ECO FEST CELEBRATION IN CAMPUS

Workshop on “ Implementation of the Noise pollution (Regulation & Control) Rules’ on 16th April,2019



COLLEGE HAS PARTICIPATED IN WORKSHOP ON NOISE POLLUTION & RULES



TREE PLANTATION IN CAMPUS BY SPECIAL GUESTS



Poster Making Competition – I Prize

ENVIRONMENT AWARENESS POSTER COMPETITION



ORNAMENTAL PLANTS IN CAMPUS