



ENVIRONMENT AUDIT REPORT FOR MS COLLEGE OF LAW



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Acknowledgement

Elion Technologies and Consulting Pvt Ltd thanks the management of MS College of Law for assigning this important work of Environmental Audit. We appreciate the co-operation to our team for completion of study.

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



Site Information

Name of College	MS College of Law
College Address	At Devghar, vis Kudus, Taluka Wada, Dist : Palghar
Execution Partner	ELION Technologies & Consulting Pvt Ltd
Communication Address	307, 3rd Floor DDA Lal Market H-Block Vikas Puri, New Delhi, 110018
Date of Audit	22th October 2024
Year of Audit	2024 - 2025



Concept

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 Environmental 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."

The European Commission, in its proposed regulation on environmental auditing, has also adopted the ICC definition of Environmental Audit.



Introduction

A clean and healthy environment aids effective learning and provides a conducive learning environment. There are various efforts around the world to address environmental education issues.

Environmental Management Systems (EMS) is very popular in the industrial sector, but the general belief is that EMS is something pertaining to industries only. Other parts of the world have started adopting compatible environmental management systems either voluntarily or for promoting standards by external certification. International environmental standards do not suit the existing Indian educational system.

A very simple indigenized system has been devised to monitor the environmental performance of educational institutions. It comes with a series of questions to be answered on a regular basis. Environmental conditions may be monitored from angles that are relevant to Indian requirements, without stress on legal issues or compliance. This innovative scheme is user- friendly and totally voluntary. The environmental monitoring system helps the institution to set environmental examples for the community and to educate young learners. It can be adapted to urban and / or rural situations.



Overview of Campus

A Visionary Er. Mohd. Shoeb Habibullah Khan, founded the Habib Educational & Welfare Society (HEWS) in the year 1993 with the objective of providing quality education & endeavour to bring education for all section of society irrespective of religion, caste & creed.

The college has grown rapidly in a short span creating a niche for itself in the educational field of Mumbai by starting M.S. College of Arts, Science, Commerce & B.M.S., Hotel Management catering to the needs of more than 1500 students.

M.S. College of Law was founded by HEWS in the Year 2012 and is affiliated to University of Mumbai & recognized by Bar Council of India. The College with its rich history, vibrant academic community offers an extra-ordinary environment for studying law. Today we need young minds to study law to take up social cause because it helps to define society's value and provide means to solve problems without resorting to violence.

List of courses offered by the institute:

Following are the list of courses offered by the institute:

- LL.B.
- LL.B.
- B.A. LL.B.



Audit Objectives

The broad aims/ benefits of the eco-auditing system would be –

- Environmental education through systematic environmental management approach.
- Improving environmental standards.
- Benchmarking for environmental protection initiatives.
- Reduction in resource use.
- Financial savings through a 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 university profile.
- Developing an environmental ethic and value systems in young people.



Executive Summary

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

This is second environmental audit of campus for NACC affiliation; QS Program and doing their bid 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.



Environmental Audit

The areas of eco/environmental/green auditing to be followed/practiced by participating institutions:

- I. Waste Minimization and Recycling
- II. Greening
- III. Energy Conservation
- IV. Water Conservation
- V. Clean Air
- VI. Animal Welfare
- VII. Environmental Legislative
- VIII. General Practices

Is any Environmental Audit conducted earlier?

No, this is the first time.

What is the total permanent population of the Campus?

	Male	Female	Total
Students	-	-	400
Teachers	4	12	16
Non-Teaching Staff	3	1	4
Sub Total	-	-	420
Approximate Number of Visitors (Per day)			1-2
What is the total number of working days of your campus in a year?			183

Where is the campus located?

The campus is located at Plot Wada, Thane, Maharashtra.



Which of the following are available in your campus?

1	Garden area	Yes
2	Playground	Yes
3	Kitchen	Yes
4	Toilets	Yes
5	Garbage Or Waste Store Yard	Yes
6	Laboratory	Yes
7	Canteen	Yes
8	Hostel Facility (Numbers)	Yes
9	Guest House	Yes

Which of the following are found near your campus?

1	Municipal dump yard	Yes
2	Garbage heap	No
3	Public convenience	No
4	Sewer line	Yes
5	Stagnant water	Yes
6	Open drainage	Yes
7	Industry – (Mention the type)	No
8	Bus / Railway station	Yes
9	Market / Shopping complex / Public halls	Yes



I - WASTE MINIMIZATION AND RECYCLING

1.	Does your campus generate any waste? If so, what are they?	Waste generated from classrooms, offices etc.
2.	What is the approximate amount of waste generated per day? (in Kilograms/month) (approx.)	120 KG/Month.
3.	How is the waste generated in the campus managed? By 1 Composting 2 Recycling 3 Reusing 4 Others(specify)	Composting
4.	Do you use recycled paper in campus?	No
5.	Do you use reused paper in campus?	No
6.	How would you spread the message of recycling to others in the community? Have you taken any initiatives? If yes, please specify.	No
7.	Can you achieve zero garbage in your campus? If yes, how?	No



II – GREENING THE CAMPUS

1.	Is there a garden in your campus?	Yes
2.	Do students spend time in the garden?	Yes
3.	Total number of Plants in Campus	200
4.	Provide some names of trees and plants in the campus.	Grass, Mango tree, Pipal Tree, Neem Tree ,Rose, Drum stick papaya tree etc.
5.	Is the university campus have any Horticulture Department?	Yes
	If yes, number of Staff working in Horticulture Department?	3
6.	Number of Tree Plantation Drives organized by institute per annum.(If Any)	3 - 5
7.	Number of Trees Planted in Last year.	31
	Survival Rate	80%
8.	Plant Distribution Program for Students and Community	Yes
9.	Plant Ownership Program	Yes



III – ENERGY

1.	List down ways that you use energy in your campus. (Electricity, LPG, firewood, others). Using this list, try to think of ways that you could use less energy every day.	1. Electricity for running all the electrical equipment's like, motors, pumps, computers, machines, lights and fans.
2.	Are there any energy saving methods, equipments, techniques employed in your campus? If yes, please specify. If no, suggest some	No
3.	Give an estimate of number of lights installed in your campus along with numbers?	150
4.	Are any alternative energy sources employed/ installed in your campus? (photovoltaic cells for solar energy, windmill, energy efficient stoves, etc.,) Specify.	No
5.	Do you run "switch off" drills at campus?	Yes
6.	Are your computers and other equipment's put-on power-saving mode?	Yes
7.	Does your machinery (TV, AC, Computer, weighing balance, printers, etc.) run on standby modes most of the time? If yes, how many hours?	Yes, 4 - 5 hours.



IV - WATER CONSERVATION

1.	List all the uses of water in your campus?	1. Drinking 2. Irrigation for Garden 3. Washrooms
2.	How does your campus store water? (mention tanks with capacity) Are there any water saving techniques followed in your campus?	Overhead Water Tanks
3.	If there is water wastage, specify why and how can the wastage be prevented/ stopped?	No such wastage as such.
4.	Locate the point of entry of water and point of exit of waste water in your campus. Entry- Exit-	Entry – Municipal Water Supply Exit - Sewage waste line
5.	Write down few ways that could reduce the amount of water used in your campus?	1. Regular Maintenance 2. Reduction of water in cleaning process
6.	Record water use from the campus water meter for six months (record at the same time of each day). At the end of the period, compile a table to show how many litres of water have been used.	Government water meter is installed
7.	Does your campus harvest rain water? (Please explain the method and uses)	Yes
8.	Is there any water recycling System.	No

**V - CLEAN AIR**

1.	Are the Rooms in Campus are Well Ventilated?	Yes				
2.	Number of windows per room (aggregate value to be provided)	1-2 windows per room.				
3.	What is the ownership of the vehicles used by your institute? (Please Tick ✓ only one)		Yes			
		Yes	Operator-owned vehicles			
		Yes	Institute-owned vehicles			
		Yes	A combination of campus-owned and operator-owned vehicles			
4.	Provide details of institute-owned motorized vehicles?	Buses	Cars	Vans	Other	Total
	No. of vehicles	Yes	14	Yes	-	-
	No. of vehicles more than five years old	-	-	-	-	-
	No. of Air conditioned vehicles	-	-	-	-	-
	PUC done	-	-	-	-	-
5.	Specify the type of fuel used by your institute's vehicles:	Buses	Cars	Vans	Other	
	Diesel	Yes	-	-	-	
	Petrol	-	-	-	-	
	CNG	-	-	Yes	-	
	LPG	-	-	-	-	
	Electric	-	-	-	-	
6.	Air Quality Monitoring Program (If Any)	Quarterly –Both by PMC and Institute				
7.	Students suffer from respiratory ailments? (If Any)	No				
8.	Details of Diesel/Gas Generator. (Rating & Make)	NA				

**VI – ANIMAL WELFARE**

1.	List the animals (wild and domestic) found on the campus (dogs, cats, squirrels, birds, insects, etc.) (if any)	Dogs, Cats, Birds etc.
2.	How many dogs in your area have undergone Animal Birth Control - Anti Rabies (ABC - AR)?	No
3.	Does your campus have a Biodiversity Programme or a KARUNA CLUB?	Yes

VII - ENVIRONMENTAL LEGISLATIVE COMPLIANCE

1.	Are you aware of any environmental Laws pertaining to different aspects of environmental management?	Yes
2.	Does your campus have any rules to protect the environment? List possible rules you could include.	Yes
3.	Does Environmental Ambient Air Quality Monitoring conducted by the Campus?	Yes
4.	Does Environmental Water and Wastewater Quality monitoring conducted by the Campus?	Yes
5.	Does stack monitoring of DG sets conducted by the Campus?	NA
6.	Is any warning notice, letter issued by state government bodies?	No



7.	Does any Hazardous waste generated by the Campus? If yes explain its category and disposal method.	NA
8.	Dose any Bio medical waste generated by the Campus? If yes explain its category and disposal method.	NA

VIII - GENERAL

1.	Are you aware of any environmental Laws pertaining to different aspects of environmental management?	Yes
2.	Does your campus have any rules to protect the environment? List possible rules you could include.	<ul style="list-style-type: none"> • Reduce, Reuse, Recycle • Conserve Energy • Save water • Plant trees etc.
3.	What is the housekeeping schedule of garden and common areas in your campus?	2 times a day
4.	Are students and faculties aware of environmental cleanliness ways? If Yes Explain	Yes –Quarterly drill is conducted
5.	Does Important Days Like World Environment Day, Earth Day, and Ozone Day etc. celebrated in your Campus?	Yes
6.	Does Campus participated in National and Local Environmental Protection Movement?	No
7.	Does Campus has any Recognition/certification for environment friendliness?	No
8.	Does Campus using renewable energy?	No
9.	Does Institution conducts a green/environmental audit of its campus?	No, this is first time.



10.	Has the institution been audited/ accredited by any other agency such as NABL, NABET, TQPM, NAAC etc.?	No
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Recommendations

- Environment Policy to be adopted by the Campus.
- Use of renewable energy such as solar can be considered by the campus.
- Equipments when not in use shall be switched off and should not run in standby modes or ideal.
- Use of recycled paper shall be encouraged in the campus.
- Awareness programs and rallies shall be arranged on environment conservation in nearby areas.



Photographic Evidences



Trees & Plants



Trees & Plants



Conclusion

This audit involved extensive consultation with all the campus team, interactions with key personnel on wide range of issues related to Environmental aspects. Overall, a large are of campus is for landscaping. The audit has identified several observations for making the campus premise more environmentally friendly. The recommendations are also mentioned with observations for university campus team to initiate actions.

The audit team opines that the overall site is maintained well from environmental perspective. There are no major observations but recommendation is made in this report which would further strengthen the goal to achieve 100% environment friendly campus.



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 Water [Prevention & Control of Pollution] Cess Act-1977 (Amended 2003) and Rules- 1978
- 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

End of Report



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DISCLAIMER

All information contained in this report is based on the data available and observations made during the audit. All recommendations made in this audit report should be duly evaluated by the management before implementation.

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