

Matric 7.1.3

Sr.no	Particulars
1	Policy document Green audit/Environment audit
2	Policy document Energy audit
3	Clean and green campus initiative
4	Report on environmental promotion activities conducted Beyond the campus with geotagged photograph




PRINCIPAL
Rajasthani sammelan's
Ladhidevi Ramdhar Maheshwari
Night College of Commerce
Malad (W), Mumbai - 400 064

Green Audit (2021-22)

Introduction

a. Green Audit:

Green Audit is a process of systematic identification, quantification, recording, reporting and analysis of components of environmental diversity of various establishments. It aims to analyze environmental practices within and outside of the concerned sites, which will have an impact on the eco-friendly ambience. The purpose of green auditing is to assess periodically the compliance of completed or on-going activities with the requirements of legislation, measures proposed in environmental policies, environmental management systems and environmental schemes or the provisions of standards and contracts.

b. Benefits of Green Audit:

1. Ensuring legislative compliance. Reducing environmental impacts.
2. Reducing waste, water and energy costs.
3. To safeguard the environment and natural resources.
4. Empower the organization to frame a better environmental performance.
5. It portrays good image of institution through its clean and green campus.

Finally, it will help to built positive impression for the upcoming NAAC visit.

c. NAAC criteria VII Environmental Consciousness:

Green Audit is assigned to the criterion VII of NAAC. National Assessment and Accreditation

Council which is a self-governing organization that declares the institutions as Grade A, Grade B or Grade C according to the scores assigned at the time of accreditation of the institution. The intention of green audit is to upgrade the environmental condition in and around the institution. It is performed by considering some environmental parameters like water and wastewater management, energy conservation, waste management, air monitoring, etc. for making the institution more eco-friendly.

Students are the major strength of any academic institution. Practicing green actions in any educational institution will inculcate the good habit of caring nature in students. Many environmental activities like plantation and nurturing saplings and trees, cleanliness drives, bird watching camp, no vehicle day, rain water harvesting visits to ecologically important places through green clubs will make the student a good citizen of country

College Photo from Road



Rajasthani Sammelan’s Ladhidevi Ramdhar Maheshwari Night College of Commerce (LRMC) was established in June 2014. It is an evening college for commerce with more than 1100 students. The institution provides a 3-year Bachelor’s Degree in Commerce and a 2-year Master’s Degree in Commerce and is affiliated with the University of Mumbai. Along with evening university courses, the **evening college for B Com** also provides a platform to compete and showcase co-curricular talent. With its motto of “Enlightening Future,” this night college of commerce is educating India’s bright minds.

Name of the Institute : **Rajasthani Sammelan's Ramdhar Ladhidevi Maheshwari Night college**

Establishment : June 2014

Pioneers : Rajasthani Sammelan's Education Trust

LRMC is conducting a 3 years course – “Bachelor of Commerce” and 2 years course - “Master of Commerce” affiliated to University of Mumbai. Approved by State Government of Maharashtra, since 2014. A Proper Care Is Taken to Provide Basic Amenities for The Students & The Staff Members. The Facilities are as Follows....

- **Classroom 13:** spacious classrooms with necessary furniture, Whiteboards & Projector in building of the college.
- **Library:** The Library of The College Is Centralized with More Than 3000 Books & 01 Reading Room.
- **Laboratory 1:** We are having spacious 2 laboratories with 176 Computers with Battery backup, Printer, Scanner, LCD projectors, equipment's & furniture etc.
- **Administrative Office:** The spacious LAN computerized administrative office with modern technology & with necessary facilities.
- **Toilet:** We have total 6 storage building on alternate floors we have Girls & Boys toilets.

Methodology

The college has conducted Green Audit in the year 2021-22, on a yearly basis. The audit was carried out in three phases.

a. Questionnaire survey:

It includes administrative issues associated with the planning of audit, selecting the personnel for the audit team, preparing the audit protocol used by organization, obtaining background information, etc. The scope of the audit was defined at this step. It was decided that the information related to Water and Wastewater management, Energy conservation, Green belt, Carbon inventory, Solid waste management, Hazardous waste management, Air and noise quality status, activities of nature club, etc. should be gathered for the audit purpose. For collecting data related to these different areas, specific questionnaires were prepared.

b. On-site visit and observations:

The data related to above mentioned areas was collected by visiting each and every facility of college campus. The questionnaires were filled up according to the present situation. Photographic documentation was also done with the help of sophisticated camera.

c. Data analysis:

After collection of secondary data, the reviews related to each environmental factor were taken by the green audit team. The data was tabulated, analyzed and graphs were prepared using computer. Depending upon the observations and data collected, interpretations were made. The lacunas and good practices were documented. The Environmental Management Plan (EMP) was prepared for the next academic year in order to have better environmental sensitization. Finally, all the information was compiled in the form of Green Audit Report.

**Environmental Auditing
Process**



**Plannin
g**



**Choosing Audit
Team**



**Collection of
Data**



**Analyzing Results of
Audit**



**Evaluating
Audit**

b. Water and Wastewater Audit:

Water audit can be defined as a qualitative and quantitative analysis of water consumption to identify means of reducing, reusing and recycling of water. A water audit is a technique or method which makes possible to identify ways of conserving water by determining any inefficiencies in the system of water distribution. The measurement of water losses due to different uses in the system or any utility is essential to implement water conservation measures in such an establishment.

Water accounting is the process of communicating water resources related information and the services generated from consumptive use in a geographical domain, such as a river basin, a country or a land use class; to users such as policy makers, water authorities, managers, etc.

Importance of Water Audit:

- Water audit improves the knowledge and documentation of the distribution system.
- Identifies the problem and risk areas and a better understanding of what is happening to the water after it leaves the source point.
- Leads to reduced water losses.
- Improved financial performance.
- Improved reliability of supply system.
- Efficient use of existing supplies.
- Better safeguard to public health and property and reduced legal liability. Reduced disruption, thereby improving level of service to customers.
- Large potential cost savings that can be achieved by water harvesting, through the recycling of water and the use of rain water.

It is observed that a number of factors like climate, culture, food habits, work and working conditions, level and type of development, and physiology determine the requirement of water. The community which has a population between 20,000 to 100,000 requires 100 to 150 liters per person (capita) per day. As per the standards provided by WHO Regional office for South East Asia colleges requires 2 liters per student; 10-15 liters per student if water-flushed toilets.

i) Water Audit:

Water usage can be defined as water used for all activities which are carried out on campus from different water sources. This includes usage in residential girls hostel academic buildings, on campus and on grounds. Wastewater is referred as the water which is transported off the campus. The wastewater includes sewerage, residence, hall waters used in cooking, showering, clothes washing as well as wastewater from chemical and biological laboratories which ultimately going down in sink or drainage system.

Water Audit Process:



ii) Overall water consumption in the RSET Campus

From the data collected for water audit of Rajasthani Sammelan's Ladhidevi Ramdhar Maheshwari Night College of Commerce SV road Malad (w) Mumbai the water distribution and water consumption pattern is noticed as follow. The college is having main building for administrative work as well for teaching work. For the water audit purpose we categorized the college campus area

In water audit study the daily water consumption is found to be as follows.

Daily water consumption

		Daily water consumption by institute building							
							Water		
							Loss		
						Wash	During		
Site	Toilet		Kitchen	Garden	Drinking	Basin	Filling	Total	
Total use of									
Water									
(liters/day)	867		45	265	225	78	20	1500	
Percentage	32.34		3	20	15	1.4		100	
					5				

The total water consumption per day for all buildings is found to be 1500 lit/day

C. Total Electric Energy Audit:

An electricity audit is simply an audit or calculation of how much electricity you are using in your home and of where that electricity is going.

An energy audit is an analysis of a facility, indicating how and where that facility can reduce energy consumption and save energy costs. Its insight to energy efficiency and conservation can lead to significant savings on the company's utility.

Importance of Electric energy Audit:

- The audit will not only inform you of opportunities but provide you with financial analysis. This will enable prioritization based on financial benefit and return on investment.
- Provide you with solid, easy to understand technical information regarding the proposed energy conservation measures.
- A good quality audit will analyze your historical energy use and find potential issues using statistical methods.
- Provide you with emissions analysis to help you understand the benefits of your decisions from an environmental standpoint.
- Understand where energy is used and which areas are worth focusing on the most (energy hogs).
- Provide you with benchmark information to help you understand your energy use performance compared to others in your field and area.

Electric energy Audit

Class Number	LED		Regular Light			Fan	Motor		Compute r
	12 watt	36 watt	20 watt	28 watt	36 watt	60 watt	1 HP	2 HP	60 watt
B.des 1	-	9	-	-	-	6	-	1	1
B.des 2	-	4	-	-	-	3	-	-	1
B.des 3	-	4	-	-	-	4	-	-	1
B.des 4	-	4	-	-	-	4	-	-	1
Staff Room	-	1	-	-	-	1	-	-	-
Library	4	-	-	-	-	1	-	-	1
Admin Office	-	2	3	-	4	6	-	-	30
Passage	-	2	-	-	-	2	-	-	-
Unit	4	26	3	-	4	27	-	1	35
Total Watts	48	936	60	-	144	1620	-	1119	2100
Total Units	LED Unit = 984 W							Regular Light Unit = 6027 W	

Other Electric Equipment's		
Names	Quantit y	Total
Printer 240 W	2	480
Projector 210 W	7	1470
Xerox 300 W	1	300

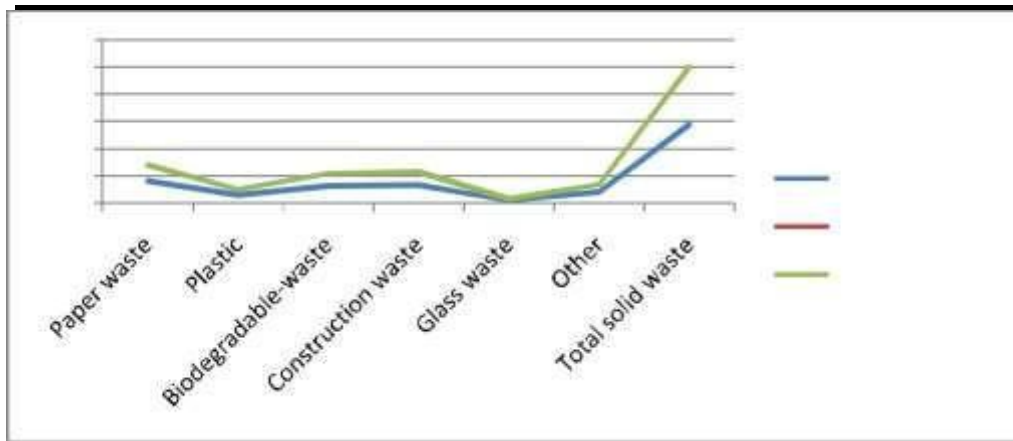
d. Solid waste audit:

Solid waste management is becoming a major public health and environmental concern world over. Improper solid waste disposal leads to substantial negative environmental impacts e.g., pollution of air, soil, water and generation of greenhouse gases from landfills. Many insect borne diseases are spread through garbage. Therefore, it is necessary to manage the solid waste appropriately to reduce the load on waste management system. The intention of this inventory is to find out the quantity, volume, type and current management practice of solid waste generation in Rajasthani Sammelan's Ladhidevi Ramdhar Maheshwari Night College of Commerce.

This survey related to solid waste generation would be helpful for making the college more environments friendly. Generation of solid waste in Rajasthani Sammelan's Ladhidevi Ramdhar Maheshwari Night College of Commerce are as follows:

Category wise solid waste generation at Rajasthani Sammelan's Ladhidevi Ramdhar Maheshwari Night College of Commerce

Category	Paper	Plastic	Biodegradable-	Construction	Glass	Other	Total
of waste	waste		Waste	Waste	waste		Solid
							Waste
Quantity kg/month	16.3	5.8	12.6	13.2	1.9	8.0	57.8
Percentage (%)	28.20	10.03	21.79	22.83	3.28	13.84	100

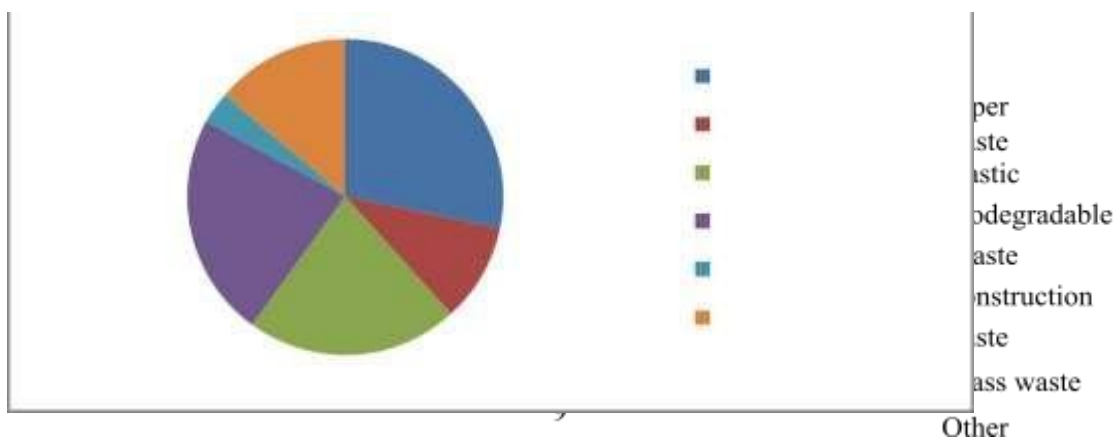


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Category wise solid waste generation at Rajasthani Sammelan's Ladhidevi Ramdhar Maheshwari Night College of Commerce

The average amount of solid waste generated per month in Rajasthani Sammelan's Ladhidevi Ramdhar Maheshwari Night College of Commerce was 57.8 kg/month. On the basis of observations the highest quantity of solid waste generated is paper waste which is about 16.3 kg/month and construction waste is about 12.6 kg/month respectively. The examination department generated paper waste in large quantity in the college. The glass waste is produced in minimum quantity i.e. 1.9 kg/month. Besides, the above-mentioned wastes, plastic waste is generated in the form of plastic wrappers of food items, old broken chairs, old broken water tank, etc.

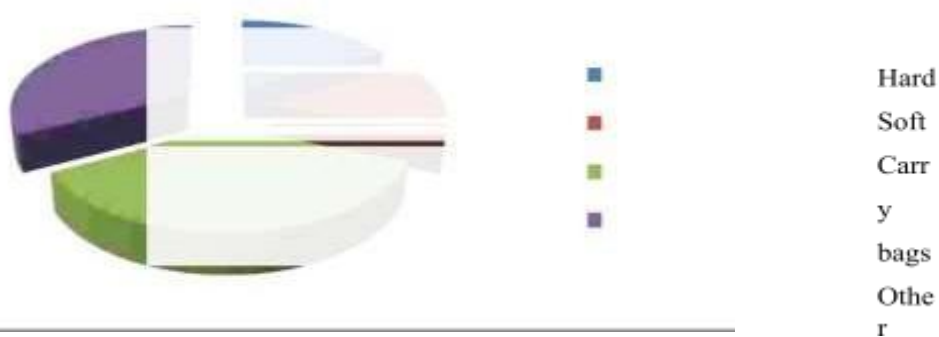
Category wise solid waste percentage (%)



Plastic waste generation and its distribution in college campus

Category	Plastic kg/ month				Total
	Hard	Soft	Carry Bags	Other	
Quantity	0.98	0.82	2.1	1.90	5.8
Percentage	16.89	14.13	36.20	32.75	100

Categorization of plastic waste at Rajasthani Sammelan's Ladhidevi Ramdhar Maheshwari



The graph shows that the hard plastic and carry bag waste is generated in higher amount which is 36.2% and 32.75% respectively. The soft plastic and other plastic waste also generated in the college is 14.13% and 16.89% respectively



e. Hazardous waste audit:

Rajasthan Sammelan's Ladhidevi Ramdhar Maheshwari Night College of Commerce is one of the well-known educational institutes' having 1111 student strength. This college caters the facility for Interior Design, Landscape & Building Site Supervisor students in their campus. No chemical hazardous waste provided.

f. E-waste:

Generation of e-waste is found on every educational institute. It is observed that the E-waste generated at Rajasthan Sammelan's Ladhidevi Ramdhar Maheshwari Night College of Commerce is of Schedule II category. Computers, Printers, Laptops, Scanners, Internet Routers and Xerox machines are used for administrative work. The wire required for the connectivity also gets included in the e waste. The Rajasthan Sammelan's Trust has its own computer laboratory of 176 computers. The library uses some electronic scanners which after its use can become e-waste. We have proper disposal system for e-waste and also we have set-up e-waste collection box for the students inside the premises.

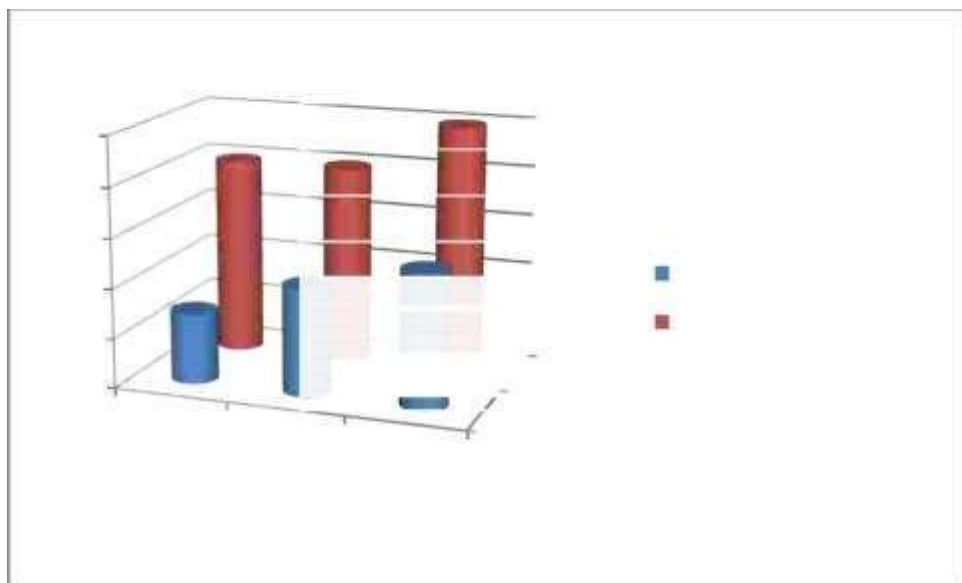


glass fiber filter paper (size 25 mm). The sampling period was 2 hrs.

Sulphur dioxide (SO₂) and Oxides of Nitrogen (NO_x) in the air were estimated with West and Gaeke method and Jacob and Hochheisser modified method respectively. Particulate matter (PM₁₀) was measured gravimetrically. The samples were collected and analyzed in the approved laboratory. The details of air quality status in the college are given as below:

**Ambient air quality status of Rajasthani Sammelan's Ladhidevi
Ramdhar Maheshwari Night College of Commerce**

Sr. No.	Parameters	Results (µg/m ³)	CPCB Standards
			(µg/m ³)
1	Sox	28.57	80
2	NO _x	43.33	80
3	PM ₁₀	53.61	100



alyzed were within the Ambient
a. The air quality is good in the

results
(µg/m³)
CPCB Standards
(µg/m³)
ards

Results
(µg/m³)

S
O
x

N
Ox
x

P
M
10

college campus as well as surrounding.

**Ambient air quality status of Rajasthani Sammelan's Ladhidevi
Ramdhar Maheshwari Night College of Commerce**

h. Ambient noise monitoring status: –

Ambient noise monitoring was carried out in different areas of college campus like at college campus entry, college gate, and corridor, floor. The sampling was carried out using calibrated Sound Level Meter (AZ 8921) by logarithmic scale in Decibels (dB). The noise readings were collected in the college campus and calculated. The details of noise status in college campus are given as below:

Ambient Noise levels in Rajasthani Sammelan's Ladhidevi Ramdhar Maheshwari Night College of Commerce.

Sr. No.	Site Name	Results	Standards (Day Time)
		dB (A) Leq	dB (A) Leq
1	College Campus Entry	66.21	50
2	College Gate	62.04	50
3	Corridor	60.82	50
4	Library	36.17	50

Note: - 1. All parameters expressed in dB (A) Leq.

2. Monitoring is carried during day time.

3. Day time is from 6.00 a.m. to 10.00 p.m.

It is observed from the table that the Ambient Noise levels overall in college is on higher side except ladies hostel as compared to the standards of Central Pollution Control Board for the day time.

Since the college is located adjacent of main roads and therefore, the major source of noise is automobile noise, rolling noise. The human communication and transportation are causing high level sound. It is advisable to increase the green cover in the surrounding to

avoid noise.

Parking and traffic management: Parking inside the college premises and outside the college premises is strictly prohibited, but there is a special parking area allowed by the local authorities nearby the college.

Bird's diversity:

The diversity among birds is striking. Birds live in a variety of different habitats. Birds that live in different habitats will encounter different foods and different predators. Birds can be carnivores (feeding on other animals), herbivores (feeding on plants), or generalists (feeding on a variety of foods).

Sparrow, crow, bulbuls, Pigeon, Cuckoo, Butterfly, etc these species are seen regularly around the campus.

i. Details of tree census in college campus:

The beginning of the 21st century brought growing concern about global warming, climate change, food security, poverty, and population growth. CO₂ is a principle component causing global warming. Atmospheric carbon dioxide levels have increased to 40% from preindustrial levels to more than 390 parts per million CO₂. On this background it is a need of time to cover the educational campuses with green cover interrelated with climate change.

The current is a present status of vegetation and carbon storage assessment of area under the Rajasthani Sammelan's Ladhidevi Ramdhar Maheshwari Night College of Commerce. In an era of global warming and climate change; carbon emission, carbon sequestration, mitigation, adaptation are the keywords in academia. Carbon sequestration is a phenomenon of converting atmospheric carbon i.e. CO₂ in to other pools of carbon such as vegetation, soil, ocean etc. in various forms to mitigate global warming. It is one of the important clauses of Kyoto Protocol. Current tree census methodology has been adopted from the guidelines set by Indian Institute of Remote Sensing, Dheharadoon, Govt. of India.

Total number of trees enumerated on Rajasthani Sammelan's Ladhidevi Ramdhar Maheshwari Night College of Commerce: Total 25 numbers of potted plants

CONCLUSION AND MANAGEMENT PLAN

The Sahyadri Group Enriching Nature Environment and Science, Kolhapur has conducted a Green Audit of Rajasthani Sammelan's Ladhidevi Ramdhar Maheshwari Night College of Commerce in the academic year 2021-22. Green auditing is the process of identifying and determining whether institution practices are eco-friendly and sustainable. The main objective of college to carry out green audit is to check green practices followed by college and to conduct a well formulated audit to understand where we stand on a scale of environmental soundness.

Conclusions:

From the green audit conducted by college following are some of the conclusions which can be taken for improvement of the college campus to become environment friendly college campus.

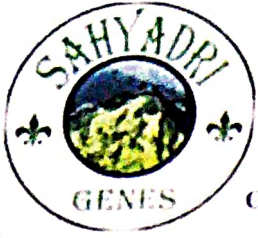
1. College takes efforts to **dispose majority waste by using proper methods.**
2. **Confidential paper waste is disposed properly.**
3. **Glass waste is to be disposed properly.**
4. Electricity consumption is more at some departments.
5. Use of **CFL** lamps in the college is minimum. Its use should be encouraged and now converted to **LED** lights.
6. Toilets and bathrooms are consuming more water.
7. Roof top rain water harvesting should be planned which is useful for filling up of tanks on campus.
8. **E-waste segregation, handling and disposal are properly done.**
9. Practice of waste segregation to be initiated.
10. Air quality on the campus is comparatively good
11. Conduct more seminars and group discussions on environmental education and awareness.

Recommendations:

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

1. College should develop its own Environmental Policy by using guidelines given in Green Audit document.
2. The data related to all measured environmental parameters should be monitored and recorded regularly and information be made available to administration.
3. The college should develop internal procedures to ensure its compliances with environmental legislation and responsibility be fixed to carry out it in practice.
4. Wherever possible the waste should be reused or recycled.
5. Practice of waste segregation to be initiated.





Sahyadri Group Enriching Nature, Environment and Science

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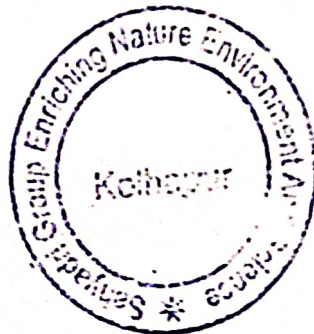
E-mail: sahyadrigenes@gmail.com

Date - 14th December 2021

Green Audit

Certificate

This is to certify that Rajasthani Sammelan's Ladhidevi Ramdhar Maheshwari Night College of Commerce, Mumbai has conducted a detailed Green Audit of their campus and has submitted necessary data and credentials for scrutiny. The activities and measures carried out by the college have been verified based on the report submitted and was found to be **Satisfactory**. The efforts taken by the faculty and students towards Green and sustainability is highly appreciated and commendable.



Boomb
President
Sahyadri-GENES
Kolhapur

Energy Audit 2021-22

**Energy Audit
Report
Of
Rajasthani Sammelan's,
Ladhidevi Ramdhar Maheshwari Night
College of Commerce
RSET Campus, S.V. Road,
Malad, Mumbai – 400 064**

**ENERGY AUDITOR
M/S UPENDRA DEUSKAR & ASSOCIATES
513/E, RUIKAR TRUST BUILDING,
NEAT ST STAND, KOLHAPUR.
CONTACT – 9422044172**

ACADEMIC YEAR 2021-22

DETAILS OF ELECTRICAL ENERGY AUDIT REPORT

Name and Address of the customer:

Rajasthani Sammelan's Ladhidevi Ramdhar Maheshwari Night
College
RSET Campus SV. Road Malad (W) Mumbai: 64

Contact Person:

Mrs.Seema Malani- 9049990930
Mr.Bhushan Athale - 9423918700

Date of Audit:

15/02/2021

Energy Auditor:

Mr. Upendra Deuskar (9422044172)
Register No – EA- 1674

Audit Team:

- 1) Mr. Upendra Deuskar
- 2) Mr. Atul Chougule

Instruments/ Meters used for Audit-

- 1) Tong tester
- 2) Lux Meter
- 3) Earth Tester

1.1 Scope of Work, Methodology and Approach

Scope of work and methodology was to study of Energy Pattern in the college. While undertaking data collection, field trials and their analysis, due care was always taken to avoid abnormal situations so as to generate normal/representative pattern of energy consumption at the facility.

1.2 Approach to Energy Audit

We focused our attention on energy management and optimization of energy efficiency of the systems and equipments. The key to such performance evaluation lies in the sound knowledge of performance of equipments and system as a whole.

1.3 Energy Audit Methodology

Energy Audit Study is divided into following four steps

1) Historical Data Analysis

The historical data analysis involves last 6 months energy consumption.

2) Actual measurement and data analysis

This step involves actual site measurement and field trials using various portable measurement instruments. It also involves input to output

analysis to establish actual electrical load data. 3) Identification and evaluation of Energy Conservation Opportunities This step involves evaluation of energy conservation opportunities identified during the energy audit. It gives potential of energy saving and

investment required to implement the proposed modifications.

4) All recommendations for energy saving measures.

ENERGY METER DETAILS & CONSUMPTION

1) Consumer No.	266514051313
2) Type of Load	Lighting and UPS
3) Load catered on Meter	Classrooms & IT Lab
4) Supply	3 Phase, 4 Wire
5) Sanctioned Load	7.20 KW
6) Connected Load	15 KW
7) Billed Power Factor	1.00
LAST SIX MONTHS ELECTRICITY BILLS	

SR. NO	MONTH	NO. OF UNITS	AMOUNT (RS.)
1	AUGUST -2021	208	3,380 /-
2	SEPTEMBER-2021	220	3,470 /-
3	OCTOBER-2021	301	4,380 /-
4	NOVEMBER-2021	289	3,630 /--
5	DECEMBER- 2021	309	3,880 /-
6	JANUARY- 2021	368	4,480 /-

Avg. Billing Unit per Month – 283.5 Units

Avg. Amount of Bill per Month – Rs. 3,870 /-

Avg. Rate per Unit = Rs 3870 / 283.5 = Rs.13.65.

Observations:-

- 1) The above data shows that the Bill was decreased in August. September due to less presence & occupancy in classes due to Covid situation.
- 2) The average rate for lighting consumption Rs. 13 to Rs. 14.
- 3) Use Lead Acid Batteries for UPS Increases maintenance.

RECOMMENDATION FOR ENERGY SAVINGS

- 1) Air-conditioners in the office area are running are at 20-22 Degree temperature Substantial power can be saved if they are put at 24-25 Degree for human working areas.
- 2) Some areas LED Tube Lights are installed. Replace rest of the light fixtures with LED to save about 30% lighting energy.
- 3) The earthing resistance needs improvement. New earthing to be done in from safety point of view.
- 4) All employees to be trained to conserve energy. Training to be given to them that TURN OFF lights, fans & air-conditioners when you are not in the room / department. Occupancy sensors also serve above purpose automatically.
- 5) Use of Solar ON-GRID SYSTEM of 5 KW as per Load with Nett-metering from MSEDCL will be play a major role in energy savings.



Sahyadri Group Enriching Nature, Environment and Science

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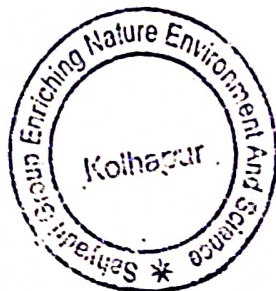
Date - 14th December 2021


Energy Audit

Certificate

This is to certify that Rajasthan Sammelan's Ladhidevi Ramdhar Maheshwari Night College of Commerce, Mumbai has conducted a detailed Energy Audit of their campus with systematic identification, quantification reporting and analysis of components of Environment.

It was initiated with the motive of inspecting the effort within the institution whose exercises can cause threat to the health of inhabitants and the Environment. The activities and measures carried out by the college have been verified based on the report submitted and was found to be Satisfactory. The efforts taken by the faculty and students towards Environmental and sustainability is highly appreciated and commendable.




President
Sahyadri-GENES
Kolhapur



Rajasthani Sammellan's,
Ladhidevi Ramdhar Maheshwari Night
College of Commerce
RSET Campus, S.V. Road

Policy Statement on Green Campus


PRINCIPAL

Rajasthani sammellan's
Ladhidevi Ramdhar Maheshwari
Night College of Commerce
Mumbai - 400 064



Policy Statement on Green Campus **(Rajasthani Sammelan's, Ladhidevi Ramdhar Maheshwari Night College of Commerce reserves the right to modify the policy from time to time)**

Introduction

The world is facing serious environmental issues today. Reports from World Health Organization, IPCC, and Different National and International organizations highlight the environmental issues which are most sensitive and widely discussed issues in the world.

Rajasthani Sammelan's Ladhidevi Ramdhar Maheshwari Night College of Commerce Malad (w) Mumbai is following different green practices which are in line with the vision and mission statement of the college. The college is committed to take lead role and create its own identity in the protection and conservation of environment.

Objectives of the Policy

- To adopt practices to **turn the campus into the green and eco-friendly.**
- To be **self-sufficient in water** by adapting **watershed management and roof top rain water harvesting systems.**
- To undertake plantation drives of **local and endemic plant species in the campus and outside the campus**
- To **involve students, faculty, and stakeholders in the green practices of the college**
- To **conduct green and energy audits** of the college campus focusing on **greening indicators like consumption of energy in terms of electricity and fossil fuel, solid and liquid waste management, etc.**
- **E-Waste management**

The Scope of the Policy

The college is situated at SV road Malad (West) Mumbai. There is one layer of tree canopy in the college campus. The clean and green campus policies will incorporate co-curricular and extracurricular practices, that will encourage the students to take lead in creating positive change. The focus areas are as

- Clean and green campus initiatives like tree plantation activities
- Waste management process



Rajasthani Sammelan's

**Ladhidevi Ramdhar Maheshwari
night college of commerce**

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www.lrmc.org.in
info@lrmc.org.in

- E-Waste management process
- Rain water harvesting
- Landscaping in campus
- Ban on Use of plastic
- No smoking, No tobacco in campus
- Green audit
- Energy audit
- Restricted entry of automobiles in campus

The Practice

Thus, in view of the policy, the concerned committee will plan and execute to:

- Establish a **Green Campus Environmental Awareness Campaigns**
- Organize Awareness Programmes for the students, faculty, and society Plan to save energy at the institute
- Solar Panel will enable the institute to have 24x7 power supply
- Phase out conventional light source and get them replaced by the LED Bulbs
- Conduct of an Annual Green, Environment and Energy Audits Turn off unnecessary lights and use daylight instead
- Keep lights off in conference rooms, classrooms, lecture halls when they are not in use
- The Institute will make all the necessary efforts to involve the students, faculty and staff in "Green Campus Initiatives" by designating the volunteers of Environmental Task force, printing Caps with green campus initiative slogan specially designed for the purpose



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**CRITERIA 7.1.3
BEYOND THE CAMPUS ENVIRONMENTAL PROMOTION ACTIVITY**

Sr. no	Particulars
1	Tree Plantation (2018-19)
2	Swachhta oath was taken by NSS volunteer (2018-19)
3	Rally on Plastic ban (2018-19)
4	Beach cleaning of activity (2018-19)
5	Malad railway station cleaning (2018-19)
6	Tree Plantation (2019-20)
7	Beach cleaning (2019-20)
8	Cleanliness Drive in Kalina Campus (2019-20)
9	E-waste dry waste collection (2019-20)
10	Waste collection drive (2020-21)



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Report

Date: 26th July, 2018

Activity: Tree Plantation activity

Number of students: 16 NSS volunteer

Place: D.A.V High School, Malad (W)

Date: 25th July, 2018






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NSS Convenor: Mr. Jitendra Gupta


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Report

Date: 16 Aug, 2018

Activity: Swachhta Oath was taken by NSS volunteer


Number of students: 41 NSS volunteer

Place: college Campus

Date: 14th Aug, 2018






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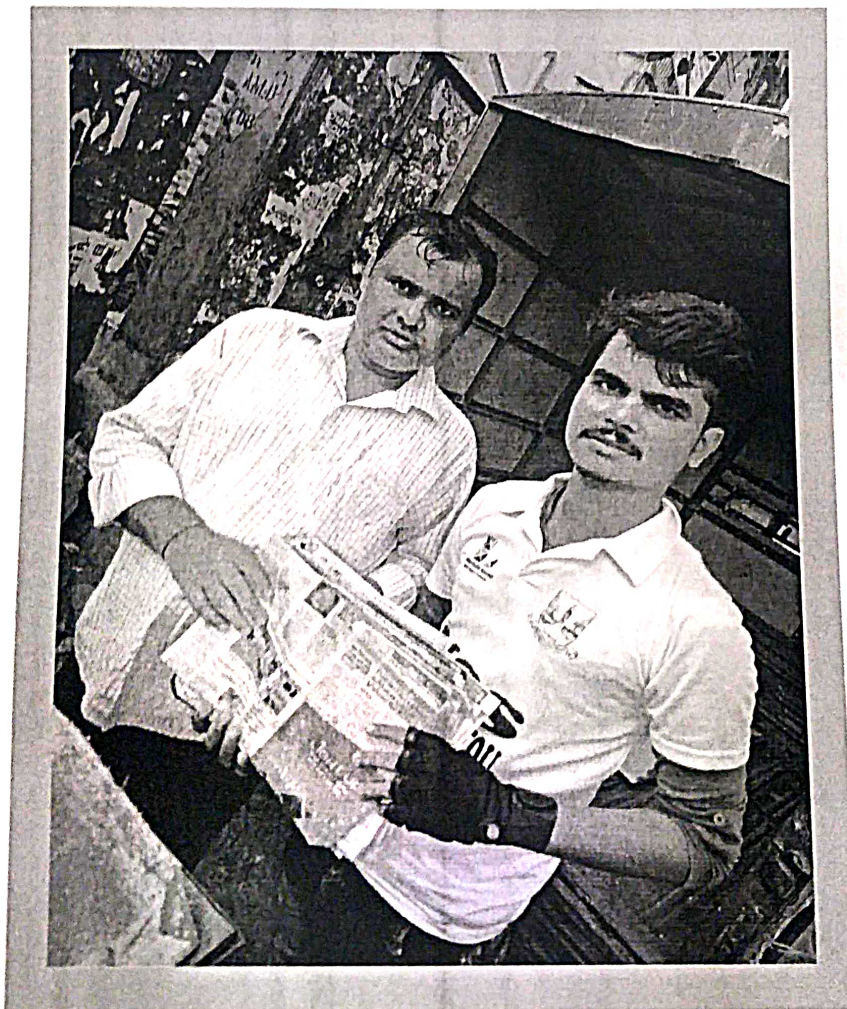
Report

Date: 09 Sept, 2018

Activity: Rally was conducted on Plastic Ban by NSS volunteer

Number of students: 28 NSS volunteer

Date: 8th Sep, 2018





Distributed 230 paper bags to street vendor –the activity was conducted nation-wide by various NSS units all over India to ban plastic bag



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Report

Date: 26th Sept, 2018

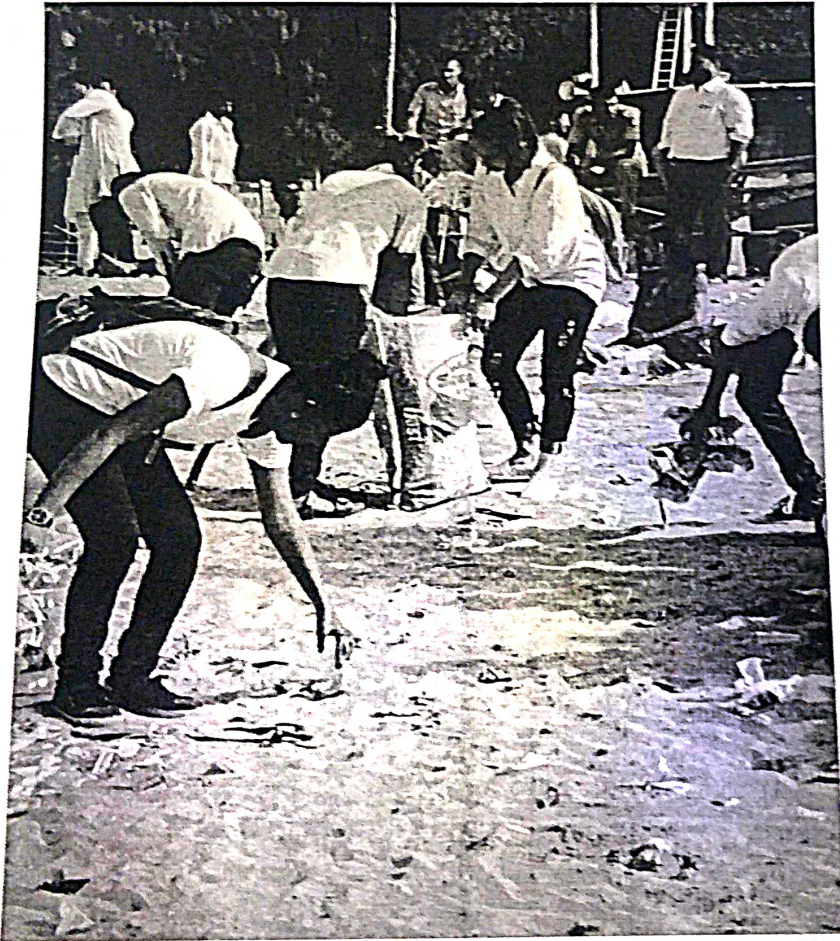
Activity: Beach Cleaning Activity

Number of students: 28 NSS volunteer

Place: Marve Beach

Date: 25th Sep, 2018





NSS Convenor: Mr Jitendra Gupta




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Report

Date: 3rd Oct, 2018

Activity: Malad Railway Station Cleaning Activity

Number of students: 26 NSS volunteer

Place: Malad Railway Station

Date: 2nd Oct, 2018



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Report

Date: 15th july,2019

Activity: Tree Planation Activity

Number of students: 27 NSS volunteer


Place: D.A.V High School

Date: 13th July, 2019

Our NSS unit conducted a tree plantation activity and clean the school areas and 20 sampling plant planted in school premises



NSS Convenor: Mr Jitendra Gupta


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Report

Date: 15th Sep, 2019

Activity: Beach cleaning activity

Place: Girgaon Chawpati Churni Road (west)

Date: 13th Sep, 2019

NSS volunteer participated along with prof. Jitendra Gupta in beach cleaning activities in collaboration with Times of India at Girgaon Chawpati churni road (west).




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Report

Date: 3rd Oct, 2019

Activity: "Cleanliness Drive in Kalina Campus"

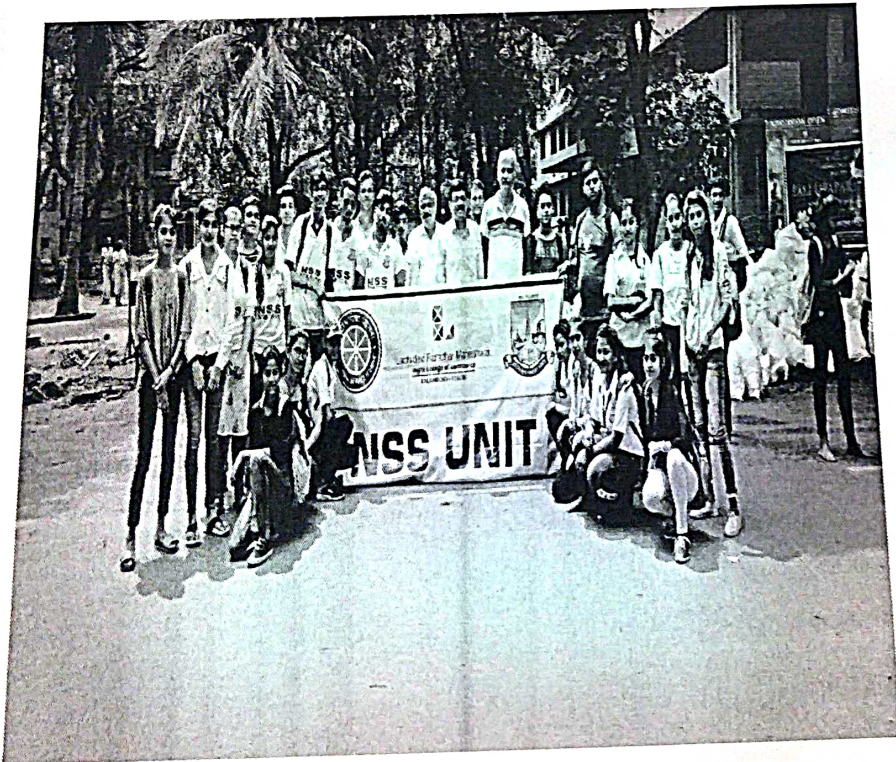
Place: Kalina Campus

Number of students: 15 NSS volunteer

Date: 2 October, 2019


NSS students volunteers participated in university level activity in "cleanliness Drive in Kalina Campus" on the occasion of 150th Birth of Mahatma Gandhi.





NSS Convenor: Mr Jitendra Gupta




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Report

Date: 3rd Oct, 2019

Activity: "E- Waste Dry Waste Collection"

Organised by: The Mumbai Vidyapeeth (YouTube and Zoom meeting)

Number of students: 15 NSS volunteer

Date: 1st Feb, 2021



NSS Convenor: Mr Jitendra Gupta


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Report

Date: 27th Jan, 2021

Activity: "West Collection Drive"

Organised by: Hinduja College (Zoom Meeting)

Number of students: 11 NSS volunteer

Date: 26th Jan, 2021



NSS Convenor: Mr Jitendra Gupta

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