



**SARIYA COLLEGE,
SURIYA**

**GREEN
AUDIT REPORT**

2025-2026

Prepared By :
EHS ALLIANCE





TABLE OF CONTENT

CERTIFICATE	2
ACKNOWLEDGEMENT	3
DISCLAIMER	4
CONCEPT AND CONTEXT	5
INTRODUCTION	6
OVERVIEW OF THE COLLEGE	7
AUDIT PARTICIPANTS	11
EXECUTIVE SUMMARY	11
GREEN AUDIT - ANALYSIS	12
1.1 GENERAL INFORMATION	12
1.2 WASTE MINIMIZATION AND RECYCLING	13
1.3 GREENING THE CAMPUS	14
1.4 WATER AND WASTEWATER MANAGEMENT	15
1.5 ANIMAL WELFARE	16
1.6 CARBON FOOTPRINT - EMISSION & ABSORPTION	16
GREEN INITIATIVES BY CAMPUS	18
RECOMMENDATIONS	19
CONCLUSION	19
REFERENCE	20
ANNEXURE – PHOTOGRAPHS OF ENVIRONMENT CONSCIOUSNESS	21



CERTIFICATE



CERTIFICATE

PRESENTED TO

SARIA COLLEGE **SURIYA**

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

GREEN AUDIT

ACADEMIC YEAR 2025-26

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

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



SIGNATURE



07.05.2026

DATE OF AUDIT

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



ACKNOWLEDGEMENT

EHS Alliance Services would like to thank the management of Suriya College, Suriya for assigning this important work of Green Audit. We appreciate the co-operation to the teams for completion of assessment.

First of all, we would like to thank **Mr. Manohar Singh Bagga - Secretary** and **Dr. Santosh Kumar Lal - Principal** for giving us an opportunity to evaluate the environmental performance of the campus.

We are also thankful to **Dr. Pramod Kumar - Assistant Professor and 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

Mr. Asit Diwakar

IQAC Coordinator

Dr. Ashish Kumar Singh

NSS Program Officer





DISCLAIMER

EHS Alliance Services Audit Team has prepared this report for Sariya College based on input data submitted by the representatives of college 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. This audit report will be valid till the next NAAC cycle referring academic year 2025-26.

EHS Alliance, its staff and agents shall keep confidential all information relating to your organisation and shall not disclose any such information to any third party, except that in the public domain or required by law or relevant accreditation bodies.

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

A handwritten signature in blue ink, appearing to read 'J. Jay'.

Signature

LEAD AUDITOR



CONCEPT AND CONTEXT

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

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

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





INTRODUCTION

Now a days, the educational institutions are becoming more thoughtful towards the environmental aspects and as a result new and innovative concepts are being introduced to make them sustainable and eco-friendly. To preserve the environment within the institution, a number of viewpoints are applied by the several educational institutes to solve their environmental problems such as promotion of the saving the energy, waste recycle, water consumption reduction, water harvesting and many more...

The activities carried out by the institution can also create adverse environmental impacts. Green audit is defined as an official inspection of the effects a college has on the environment. Green Audit is conducted to evaluate the actual scenario at the institution campus. Green audit can be a useful tool for a university /college to determine how and where they are using the most of the energy or water or resources; the institution can then decide how to implement changes and make savings. It can also be used to determine the nature and volume of waste, which can be used for a recycling project or to improve waste minimization plan.

Green auditing and the application of mitigation measures is a win-win situation for all the institutions, the learners and the mother earth. It can also result in health awareness and can promote the environmental awareness, values and beliefs. It provides a better understanding to staff and students about the Green impact on institution. Green auditing also upholds financial savings through reduction of resource usage. It gives an opportunity to the students and teachers for the development of ownership of the personal and social responsibility. The audit process involves primary data collection, site walk through with the team of university /college including the assessment of policies, activities, documents and records.





OVERVIEW OF THE COLLEGE

Sariya College, Suriya a premier institution for Co- education at Sariya, Giridih District in the State of Jharkhand. It is a Permanently Affiliated. College of Vinoba Bhave University, Hazaribag. It was founded in the year 1984 with an aim to impart higher education to the rural students. The dreams of the poor students who are deprived of higher education have been translated into reality by this glorious institution. Our College caters to the academic and professional needs of boys & girls not only from Sariya but also from adjoining rural areas and nearby states.



The State Govt. and the university provided temporary affiliation in Arts, and Commerce faculties from the session 1984-85 then from the session 2011-14 the State Govt. and Vinoba Bhave University, Hazaribag provided Permanent Affiliation to the college in the faculty of Arts(General), and Commerce up to Honours & General level. Sariya College is registered under society registration act- and is also registered under section 2(F) and 12(b) of UGC of Govt. of India.



Sariya college was inaugurated with a clear vision that it would pursue excellence and provide higher education to the people of this rural and economically deprived section. The college sensitizes its students on gender and environmental issues through its curriculum celebrating national and international days organizing awareness/ through seminars, symposium, drama, quiz



competition etc. The college has developed to an ideal campus with building. It has well furnished classroom, library and departments. The college is having sufficient number of computer in the computer lab and different types of educational aids like smart board, projectors etc. The college has highly qualified and experienced faculty members and experienced non teaching staff.



The college is situated in the beauty of nature and road side of Suriya-Bagodar Road and three K.M. far away from Suriya main town. The college is surrounded by forests on three sides. The college is now the natural choice and preferred destination for students from different +2 high schools or Inter colleges to pursue quality education. The college has an excellent infrastructure and accessibility from various parts of the state. The distance to the college from Hazaribag Road Railway station is 3.5 k.m. The college has a well designed administrative block and various other rooms and facilities for the students such Girls common room, Boys common room, Divyangjan common room. It has provided well equipped furnished labs for Geography. Each subjects of students has separate class rooms. Class rooms are well furnished and ventilated. Class rooms are is provided with all teaching aids like Black board, White board, Interactive board, Projector etc. in order to ensure overall development of students. The students have all the facilities for games and sports. A canteen with vegetarian is also available in the college campus. The college building has Multipurpose hall also. There are two buildings in college campus. The main infrastructure facilities are as follows: Transport Facility: College Bus for Girls students Library and Information centre: More than 6000 volume of books and journal with Inflibnet, e remote access, e-library etc. College Canteen-Vegetarian Internet centre-Wi-Fi facility in computer lab Teaching staff: Excellent teaching faculty with highly qualified and well experienced staff Practical lab: For Geography and other subjects Ground floor: Class rooms, Principal office, IQAC room, Staff common room, Examination room, NSS office, Administrative office, CCTV monitoring, Play ground, Electricity room, Canteen, Water Harvesting System, Beautiful Garden, Multipurpose Hall, Differently abled friendly campus, Medical support facility, Boys Common room & Others First Floor: Class rooms, Girls common room, store room & Others Second Floor: Library, Computer Lab, English Language Lab, Class rooms, Smart class, Solar Panel & Others. Beside these Green initiative, Common Toilet and Urinal, Play ground, Vocational study centre, Huge Parking facility, Compost system, Security personnel & Others.



MISSION

The mission of Sariya College is to educate the citizens and citizens-leaders for our society. We do this through our commitment to the transformative power of higher education in Arts, Science and Commerce. Beginning in the classrooms with exposure to new ideas, new ways of understanding and new ways of knowing, students embark on a journey of intellectual transformation.

- To build the nation by creating a class of moral, intellectual and committed citizens
- To strengthen the human resources
- To provide Indian knowledge and values along with modern knowledge and values
- To intellectual academic excellence, social responsibility, moral uprightness and team spirit
- To train students physically intellectually, socially, morally, emotionally, vocationally to attain
- To contribute to society through the pursuit of education, learning at the highest levels of excellence.
- To provide quality education through academic cultural and physical activities and prepare the students as responsible and useful citizens.

VISION

Enrichment of academic and socio-cultural experiences of students through quality higher education. The college intends to become a pioneer institution and create an ecosystem for imparting quality higher education, research, and innovation with available resources and utilizing manpower and modern technology to develop skilled citizens who can earn a livelihood, contribute qualitatively to family, society, and being infused with patriotism who is committed for the development of the nation.

VALUES

Sariya college ,Suriya in a process of self and community reflection that would lead us to recognize and heighten awareness of the higher values we and our institution have already practiced and articulated, to seek agreement about those values, and to develop an institutional culture that holds itself accountable to those values.



Facilities in the campus

Amenities at Sariya College provide far more than academic and administrative facilities on campus. It is dedicated to provide students with an exceptional infrastructure for learning as well as facilities for simplifying the procurement of fundamental skills. To accomplish the goal, Sariya College offers the following:

LIBRARY: The Library of Sariya College, Suriya is fully automated with a wide-ranging collection of over Five thousand books of various disciplines. The library subscribes to a total number of 6 newspapers and 8 magazines. Library has a collection of various reference sources such as encyclopedias, dictionaries, atlas, yearbooks etc. The library also provides access to about Five e-journals. The library has a reading room facility with computer, Xerox machine and internet facility and INFLIBNET.

The library has a reading room with a seating capacity of 80 students and digital library facility with a seating capacity of 20 students. They have computer with internet facility of e-library and e-journals.

SMART CLASSROOMS & COMPUTER LABS: Some department classroom in the college is ICT enable with laptops, projectors. The teachers provide digital education for students. To import computer education to the students, a computer lab has been established in the college in which 20 computers have been installed.



Geo Coordinates from Google maps: 24.1501097, 85.8721568



AUDIT PARTICIPANTS

On behalf of Sariya College

Name	Designation
Mr. Manohar Singh Bagga	Secretary
Dr. Santosh Kumar Lal	Principal
Dr. Pramod Kumar	Assistant Professor and Audit Coordinator
Mr. Asit Diwakar	IQAC Coordinator
Dr. Ashish Kumar Singh	NSS Program Officer
Mr. Sitaram Suman	Accountant

On behalf of EHS Alliance Services

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

EXECUTIVE SUMMARY

Green auditing is an essential step to identify and determine whether the institutional practices are sustainable and ecological. Traditionally, we were upright and efficient users of natural resources. But over the period, excessive usage of resources like water, electricity, petrol, etc. has become habitual for everyone especially, in urban and semi-urban areas. It is the right time to check if we (our process) are consuming more than the required resources? Whether we are using resources sensibly?

Green audit standardizes all such practices and provides an efficient way to use natural resources. In a time of climate change and resource exhaustion, it is necessary to re-check the processes and convert them in to green and sustainable. Green audit provides an approach for the same. It also increases overall awareness among the folks working in the institution towards the eco-friendly environment.

This is the second attempt to conduct a green audit of this campus for fulfilment of NAAC criteria. This audit was mainly focused on greening indicators like consumption of energy in terms of electricity and fossil fuel, quality of soil, water usage, vegetation, waste management practices and carbon footprint of the campus. Initially, a questionnaire was shared to know about the existing resources of the campus and the resource consumption patterns of the students and staff in the campus.



GREEN AUDIT - ANALYSIS

1.1 GENERAL INFORMATION

1. Does any Green Audit conducted earlier?

Yes, this is the second external audit organized by the College

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

Students

Male: 1874 Female: 2107 Total: 3981

Teachers (including guest faculty)

Male: 11 Female: 3 Total: 14

Non-Teaching Staff

Male: 13 Female: 1 Total: 14

Total Strength

Male: 1898 Female: 2111 Total: 4009

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

There are two hundred and fifty-six working days in a year.

4. Where is the campus located?

The campus is located near Railway Station, Hazaribagh, Road Po: Suriya, 825320, District: Giridih, Jharkhand

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

<i>Garden area</i>	<i>Available</i>
<i>Playground</i>	<i>Available</i>
<i>Kitchen</i>	<i>Available</i>
<i>Toilets</i>	<i>Available</i>
<i>Garbage Or Waste Store Yard</i>	<i>Available</i>
<i>Laboratory</i>	<i>Available</i>
<i>Canteen</i>	<i>Available</i>
<i>Hostel Facility</i>	<i>Not Available</i>
<i>Guest House</i>	<i>Not Available</i>

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

<i>Municipal dump yard</i>	<i>Not in the vicinity of the institute</i>
<i>Garbage heap</i>	<i>No Garbage heaps</i>
<i>Public convenience</i>	<i>Public convenience is available</i>
<i>Sewer line</i>	<i>Not available</i>
<i>Stagnant water</i>	<i>No stagnant water</i>
<i>Open drainage</i>	<i>No</i>
<i>Bus / Railway Station</i>	<i>Hazaribagh road railway station</i>
<i>Market / Shopping complex</i>	<i>Not Available</i>



1.2 WASTE MINIMIZATION AND RECYCLING

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

Yes, following types of wastes are generated by the campus

- *Biodegradable waste,*
- *Non-biodegradable waste*
- *Biomedical waste*
- *Hazardous waste*
- *E-waste*

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

Biodegradable waste - 15 Kg

Non-biodegradable waste -1 Kg

Hazardous Waste - <1 Kg

Others < 1 Kg

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

- *Food waste and horticulture waste is collected into pits for composting*
- *On campus, single-use plastic is prohibited.*
- *BMW separately disposed in incinerators.*
- *Paper with printing on one side is reused for internal correspondence.*
- *Rainwater harvesting/storage tank is there in campus for groundwater recharge & use*
- *E-waste collection and management through recycled – authorized vendor*

4. Do you use recycled paper in the institute?

Yes, college use files and folders made from recycled paper.

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

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

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

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

Not yet achieved. Possible through waste management policy and planning.

- 1. Minimization of waste production*
- 2. Awareness workshops & training for students and faculty on Waste management*



1.3 GREENING THE CAMPUS

1. Is there a garden in your institute?

Yes, about 424098.07 Sq ft areas are developed as Gardens.

2. Do students spend time in the garden?

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

3. Total number of Plants in Campus?

Plant type with approx. count

<i>Full-grown Trees</i>	<i>240</i>
<i>Small Trees</i>	<i>60</i>
<i>Hedge Plants</i>	<i>571</i>
<i>Grass Cover sqm</i>	<i>424098.07 Sq ft</i>

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

Yes, Total 1 staff (maali) were deployed in the horticulture department

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

*3 Plantation Drives are Organized by the campus in the last year
The survival rate is more than 70%.*

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

*Yes, Plantation distribution drives are conducted in nearby Villages under Unnat Bharat.
Moreover, the college has a practice where all guests are given a planter as a gift rather than a bouquet of flowers.*

7. Is there any Plant Ownership Program?

No



1.4 WATER AND WASTEWATER MANAGEMENT

1. List uses of water in your institute

Basic use of water in campus:

Drinking – 96.31 KL/month

Gardening – 18 Kl/month

Kitchen and Toilets – 121.27 KL/month

Others – 52.98 KL/month

Hostel – 0.00 KL/Month

Total = 288.56 KL/Month

Note: Please note that all calculations have been made on the basis of NBC 2016 norms as college has no water usage records.

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

College stores water in overhead tanks. Total available water storage of the college is 2500 liters

Saving Techniques

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

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

Entry - *Water comes from borewell*

Exit- *From Canteen, Toilets, bathrooms and Labs through covered drainage which is connected to soakpit*

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*
- *Rainwater storage and use of sprinklers for gardening*



1.5 ANIMAL WELFARE

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

6 dogs, 20+ butterfly species, 40+ Squirrels and 50+ Birds are found in campus. A variety of bird's species and other flora and fauna are available, so institute is doing their bit for bio diversity conservation.

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

Yes, Sariya College, Suriya's Eco club actively organizes awareness through various campaigns and activities including seminars, poster competitions, etc.

1.6 CARBON FOOTPRINT - EMISSION & ABSORPTION

1. Electricity used per year - CO2 emission from electricity

*(electricity used per year in kWh/1000) x 0.71
= 5891 /1000x0.71
= 4.18 tons*

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

*(LPG/PNG used per year in KG) x 2.99
=502.32 x 2.99
=0.50 tons*

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

*(Diesel used per year in liters) x 2.68
= 6102.36 x 2.68
=6.10 tons*

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

*There are 2 buses and 5 cars/bikes as college-owned vehicles
=(2*1*2*256/100)*0.01 + 5*2*2*256/100*0.02
=1.13 tons*

Total CO2 emission per year is 11.91 tons

After considering the carbon absorption capacity of the campus and solar energy export, the total carbon emission is nil. We can say in other words the college is carbon neutral.



CARBON ABSORPTION BY FLORA IN THE INSTITUTION

There are 240 full-grown trees and 60 semi-grown trees of different species, on the campus spread over 424098.07 sq ft.

Carbon absorption capacity of one full-grown tree 22 kg CO₂ Therefore Carbon absorption capacity of 240 full-grown trees $240 \times 22 \text{ kg CO}_2 = 5.28 \text{ tons of CO}_2$.

The carbon absorption capacity of 60 semi-grown trees is 30% of that of full-grown trees. Hence the carbon absorption $60 \times 6.8 \text{ kg of CO}_2 = 0.41 \text{ tons of CO}_2$

There are approximately Hedge Plants 571 of various species being raised in the gardens and grown in the areas where no buildings are built Carbon absorption of bush plants varies widely with their species. Certain bushes absorb very high level of CO₂ whereas some others absorb very low levels of CO₂ In the absence of a detailed scientific study, 200g of CO₂, absorption is taken per bush (in consultation with Environmental Science specialists). Based on this, the total carbon absorption of bushes is $571 \times 200 \text{ g} = 0.11 \text{ tons of CO}_2$

The lawns on the campus have buffalo grass, Mexican grass, and indigenous grass species and cover a total area of 424098.07 sq. ft. Carbon absorption capacity of a 10 sq. ft. area of lawn is 1 g per day Therefore, carbon absorption by lawn area $424098.07 \times 365 \times 0.1 \text{ g CO}_2 = 15.48 \text{ tons CO}_2$ per year.

The total of carbon absorption capacity of the campus is 21.48 tons.



GREEN INITIATIVES BY CAMPUS

➤ Solid Waste Management

- Collect paper waste produced on campus and provide it to scrap vendor
- College does compost for horticulture waste
- Reduce the use of paper by supporting the digitization of attendance and internal assessment records.
- Reduce the requirement of printed books by updating the e-books and e-journals collection of the college 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 a ban on single-use plastic and plastic crockery in the campus.

➤ Liquid Waste Management

- Maintain leakproof 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 for gardening purpose.

➤ E-waste Management

- The college has a separate storeroom for the safe storage of electronic waste. After a certain interval of time college disposes of the E-waste to concerned agencies through the auction process.

➤ Rainwater harvesting/storage

- College has 3 rainwater harvesting pits for better groundwater recharge. The stored water in this tank can be used for gardening purposes

➤ Renewable Energy

- The college has installed solar PV (3.6 KW) on the rooftop of building.
- College has signed an agreement with third party solar power provider for 50 kW.
- The College is using solar lights for street lights.

➤ Air Pollution Reduction

- Personal Vehicles (Students) are not allowed in the campus

➤ Green Committee Initiatives

- Plantation drives.
- Campus cleanliness drive and in village areas also.
- Awareness rally and poster competition for environment and bio-diversity.
- Nearby village adoption for environment related activities.
- College has installed Indian styled urinals for men and women separately to save water usage as compared to other style.
- College has built a large size pond to recharge groundwater during the monsoon.
- College has built a rainwater storage tank cum harvesting tank.



RECOMMENDATIONS

- Environmental parameters shall be included in the purchase policy to achieve a cradle-to-grave approach for sustainability.
- College should start drip irrigation to save water in campus
- The flow rate of taps should be checked, it should not be more than 2.5 liters/minute.
- Arrange training programs on environmental management systems and nature conservation for schools and local people.
- More Messages should be displayed at various locations to Aware People of Energy Savings
- Water Meters should be installed at every building of the institute for monitoring of water consumption per capita.
- Borewell permission should be taken from an authorized government department
- Car-pooling practices can be adopted by the campus to minimize air pollution. Increase in the display of environment-conscious posters/paintings/slogans for spreading awareness amongst students.
- Green building guidelines for future expansion projects of the campus.

CONCLUSION

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

Overall, 75% of Sariya College is for landscaping. The college makes a significant effort to act in an environmentally responsible manner and takes into account the environmental effects of the majority of its activities. The recommendations in this report suggest some more ways in which the college can work to improve its practices and develop into a more sustainable institution.

It's important to begin a few things, such as initiating drip irrigation, and increasing plantation drives. Additionally, we strongly advise signing an MOU with third-party authorized vendors for waste management such as plastic, paper, metal, C&D, etc.



REFERENCE

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



ANNEXURE – PHOTOGRAPHS OF ENVIRONMENT CONSCIOUSNESS



Well Maintained Campus



Well Ventilated Building



Lush Green Campus



Sports Ground



Paving Stone Installed In
Campus



Color Coded Dustbins



Ornamental Plants In Campus



Indoor Plants In Campus



Classrooms As Per NBC Guidelines With More Than 40% Window Ratio



Spacious And Well Equiped Labs



Well Equiped Labs



Multi Purpose Hall



Smart Class Rooms



Cleanliness Poster



No Food Waste Poster



Nakshatra Garden



Plantation Poster



Water Cooler With Push Taps



Save Water Poster



Awareness Poster

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