SRI VENKATESWARA COLLEGE

UNIVERSITY OF DELHI

GREEN AUDIT REPORT

2023-2024

Prepared by

EHS ALLIANCE

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CERTIFICATE

EHS alliance

CERTIFICATE

PRESENTED TO

SRI VENKATESWARA COLLEGE

Benito Juarez Road, Dhaula Kuan, New Delhi, 110021

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

GREEN AUDIT

ACADEMIC YEAR 2023-24

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.

EHS ALLIANCE SERVICES GURGAON

SIGNATURE

28.04.2025
DATE OF AUDIT

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ACKNOWLEDGEMENT

EHS Alliance Services would like to thank the management of Sri Venkateswara College, University of Delhi 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 ***Prof. Vajala Ravi - Principal*** for giving us an opportunity to evaluate the environmental performance of the campus.

We would also like to thank ***Dr. Perumal Jayaraj - Audit Coordinator***, for his continuous support and guidance, without which the completion of the project would not have been possible. We are also thankful to other staff members who were actively involved while collecting the data and conducting field measurements.

We are also thankful to

Prof. K. Chandramani Singh	**Vice Principal**
Dr. S. Krishnakumar	**Bursar**
Prof. Vartika Mathur	**IQAC Coordinator**
Dr. Rakhi Narang	**IQAC Member**
Dr. Pamil Tayal	**Criteria VII Member**
Dr. Pankaj Kumar	**Criteria VII Member**
Dr. Ashish Kumar Thakur	**Criteria VII Member**
Dr. Sunitaa Saikia	**Criteria VII Member**
Dr. Amarjeet	**Criteria VII Member**
Dr. Rangarajan T. M.	**Criteria VII Member**
Dr. Shefali Shukla	**Criteria VI Member**
Dr. Pooja Gokhale Sinha	**Eco-Club Convenor**
Dr. Jitendra Veer Kalra	**NSS Coordinator**
Dr. P. Devaki	**Hostel Warden**
Mr. Pawan Kumar Pandey	**Administration**
Mr. M. L. N. Murty	**Administration**
Mr. Kumar Ashish	**Administration**
Mr. URR Narendra	**Administration**
Mr. Naveen Chaudhary	**ICT**
Mr. V. Parthasarathy	**Garden Assistance**

DISCLAIMER

EHS Alliance Services Audit Team has prepared this report for Sri Venkateswara 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.

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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, 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

The desire to share knowledge and the dream to make education accessible to all brought together three visionaries, Smt Durgabai Deshmukh, Shri K. L. Rao and Shri C. Anna Rao in the early decades of India's independence. The aim was to craft a dynamic space for knowledge sharing that would seamlessly blend traditional values, learning with modern outlook and rationale in the heart of our country, Delhi. The dream blossomed into reality with the aid and encouragement rendered by Tirumala Tirupati Devasthanams (TTD) and Sri Venkateswara College made its modest beginnings in Andhra Education Society 1961. The foundation stone of the present-day campus in Dhaula Kuan was laid in the same year by eminent Indian philosopher and statesman Dr. Sarvepalli Radhakrishnan. Since then, the Upanishadic principle "Truth through self-education" has been the guiding principle in all endeavors. Thus, began the journey in shaping sensitive, balanced global citizens of tomorrow whose heart is cultured in indigenous values and mind is sharpened in critical thinking. The College relentlessly pursued the ideals set by founders and taken pride in creating a holistic learning atmosphere for students from diverse backgrounds at a minimum cost in the national capital for more than six decades. Sri Venkateswara college offers a platform for students from diverse backgrounds to excel in academics, research, cultural as well as social activities and sports. We take pride in the fact that "Venkyites" in today's world are known for their penchant to excel in all walks of life.

Mission

- Provide a congenial academic learning space, foster social dynamism and spirit of leadership among students
- Sustain quality in the education system through collective efforts of stakeholders, i.e students, faculty administration and management
- Strive for an ecosystem that promotes innovations in pedagogy and research
- Generate new knowledge through academic endeavours to attune to the ever changing needs of the society
- Enhance societal consciousness through coordinated outreach programmes and environment friendly 'Green' initiatives
- Imparting value based holistic education and promoting competitive spirit with mutual respect and trust among the students

Vision

Sri Venkateswara College envisions "Self-realization through knowledge" emphasizing holistic, inclusive and futuristic education in tune with the college motto "Satyaana Pramadittavyam" (Do not deviate from Truth)

College offers under graduate courses, post graduate courses and professional/vocational courses

UNDERGRADUATE COURSES	POST GRADUATE COURSES	PROFESSIONAL/VOCATIONAL (Self-Financed) Courses
B. A Programme	M. A. English	One year Certificate Course in German Language
B. A (Hons) Economics	M. A. History	One Year Diploma Course in German Language
B. A (Hons) English	M. A. Sanskrit	One year Certificate Course in French Language
B. A (Hons) Hindi	M.A./M.Sc. Mathematics	One year Diploma Course in French Language
B. A (Hons) History	M.A./M.Sc. Statistics	One year Advance Diploma Course in French Language
B. A (Hons) Political Science	M.Sc. Chemistry	One Year Certificate Course in Mandarin (Chinese) Language
B. A (Hons) Sanskrit	M.Sc. Physics	One year Certificate Course in Spanish Language
B. A (Hons) Sociology	M.Sc. Zoology	One year Diploma Course in Spanish Language
B. Com (Hons)	M.Sc. Botany	One Year Certificate Course in Tourism and Travel Management
B. Com Programme	PG Diploma in Bio-Chemical Technology	
B. Sc (Hons) Bio-Chemistry		

B. Sc (Hons) Biological Science		
B. Sc (Hons) Botany		
B. Sc (Hons) Chemistry		
B. Sc (Hons) Electronics		
B. Sc (Hons) Mathematics		
B. Sc (Hons) Physics		
B. Sc (Hons) Statistics		
B. Sc (Hons) Zoology		
B. Sc (Prog.) Life Sciences		

Facilities in the campus

Amenities at Sri Venkateswara 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.

College has a big and well-equipped library. The college library is a well-stocked library with a collection of more than 1, 45, 891 book titles on different disciplines to cater all educational needs of faculty members, students and staff. The library follows an open access system and maintains Online Public Access Catalogue (OPAC) to provide easy access to the shelves.

College has spacious seminar hall, auditorium, smart class rooms, playground and more for overall development of students.

Geo Coordinates: 28.5889543, 77.1679907

AUDIT PARTICIPANTS

On behalf of Sri Venkateswara College

Name	Designation
Prof. Vajala Ravi	Principal
Prof. K. Chandramani Singh	Vice Principal
Dr. S. Krishnakumar	Bursar
Prof. Vartika Mathur	IQAC Coordinator
Dr. P. Jayaraj	IQAC Member
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Mr. URR Narendra	Administration
Mr. Naveen Chaudhary	ICT
Mr. V. Parthasarathy	Garden Assistance

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*

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 of time, excessive usage of resources like water, electricity, petrol, etc. have become habitual for everyone especially, in urban and semi-urban areas. It is actually the right time to check if we (our process) are consuming more than required resources? Whether we are using resources sensibly?

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

This is the first attempt to conduct 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 foot print of the campus. Initially a questionnaire was shared to know about the existing resources of the campus and resource consumption pattern of the students and staff in the campus.

GREEN AUDIT - ANALYSIS

1.1 GENERAL INFORMATION

1. Does any Green Audit conducted earlier?

No, this is first external audit organized by the College

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

Students
Male: 2660 Female: 2108 Total: 4768
Teachers (including guest faculty)
Male: 99 Female: 98 Total: 197
Non-Teaching Staff
Male: 85 Female: 21 Total: 106
Total Strength
Male: 2844 Female: 2227 Total: 5071

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

There are one hundred and eighty working days in a year.

4. Where is the campus located?

The campus is located at Benito Juarez Road, Dhaula Kuan, New Delhi

5. 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	*Available*
Guest House	*Not Available*

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

Municipal dump yard	*Not in vicinity of institute*
Garbage heap	*No Garbage heaps*
Public convenience	*Public convenience is available*
Sewer line	*Approximately 1.0 KM sewer line within campus*
Stagnant water	*No stagnant water*
Open drainage	*No*
Industry – (Mention the type)	*No*
Bus / Railway Station	*Durgabai Deshmukh South Campus Metro Station & Venkateshwar College and ARSD College*
Market / Shopping complex	*Available*

1.2 WASTE MINIMIZATION AND RECYCLING

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

Yes, Solid waste, Canteen waste, paper, plastic, horticulture, laboratories waste, e-waste, etc.

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

Biodegradable waste – 15-20 Kg
Non-biodegradable waste -5 Kg
Hazardous Waste - 2 Kg
Others < 1 Kg

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

- *Food waste is collected into composting pit*
- *Eight Rain water harvesting pits are there in campus for ground water recharge*
- *E-waste collection and management through recycled – authorized vendor*

4. Do you use recycled paper in institute?

Yes, college uses single sided used paper for rough work, assessment work and prints

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

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

- *Waste plastic collection drives*
- *Installation of Dustbins for waste plastic collection, e-waste collection and recycling*
- *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 & trainings for students and faculty on Waste management

1.3 GREENING THE CAMPUS

1. Is there a garden in your institute?

Yes, about 43560 sq ft areas are developed as Gardens.

2. Do students spend time in the garden?

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

3. Total number of Plants in Campus?

Plant type with approx. count	
Full grown Trees	*415*
Small Trees	*200*
Hedge Plants	*5,000*
Grass Cover sqm	*43,560 Sq ft*

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

Yes, Total 6 staff (maali) deployed in horticulture department

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

2 Plantation Drives are Organized by campus in the last FY. 30 plants were planted in this FY. Survival rate is more than 60-70%.

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

Two plantation drives were conducted in the last financial year in which 35-40 plants were plants. The survival rate of the plants is nearby 65%. and Sapling distribution to guest speakers, chief guests and students

8. 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** – 121.80 KL/month*
***Gardening** – 1164.95 Kl/month*
***Kitchen and Toilets** – 499.14 KL/month*
***Others** – 55.08 KL/month*
***Hostel** – 429.30 KL/Month*
Total = 2270.26 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?

Available total water storage of the college = 1,60,500 liters

S.NO.	TYPES OF TANKS	QTY
1	Overhead PVC Tanks 500 liters	03
2	Overhead PVC Tanks 1000 liters	07
3	Overhead PVC Tanks 2000 liters	01
4	Overhead PVC Tanks 5000 liters	10
5	Underground RCC Tanks 50,000 liters	02

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 waste water in your institute.

Entry *- Water comes from Municipal corporation supply and borewells*
Exit*- From Canteen, Toilets, Hostel, bathrooms and Labs through covered drainage which is connected to municipal sewage*

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 tap is installed to save water*
- *Water recycling and use of sprinklers for gardening*

Rain Water Harvesting (RWH) Structure Capacity Report

Length (m)	Breadth (m)	Depth (m)	No. of Structures	Volume per Structure (m^3)	Total Volume (m^3)
12.0	3.5	1.25	1	52.50	52.50
14.0	4.0	1.25	1	70.00	70.00
3.0	3.0	1.25	1	11.25	11.25
4.0	3.0	1.25	2	15.00	30.00
2.0	2.0	1.25	3	5.00	15.00

Total RWH Capacity: 178.75 cubic meters

1.5 ANIMAL WELFARE

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

37 dogs, 3 Cats, 10+ butterfly species, 100+ Squirrels and 47+ Birds species 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, Sri Venkateswara College's **Eco club** actively organizes awareness through various campaigns and activities including seminars, poster competition, 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
= 825846/1000x0.71
= 576.17 tons

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

(LPG/PNG used per year in KG) x 207
=497 x 2.07
=1.03 tons

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

(Diesel used per year in liters) x 2.68
=600 x 2.71
=1.63 tons

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

There are no college owned vehicles, hence emission from transportation is zero tons

Total CO2 emission per year is 578.82 tons

After considering carbon absorption capacity of campus and solar energy export, the total carbon emission is 546.99 tons

CARBON ABSORPTION BY FLORA IN THE INSTITUTION

There are 415 full grown trees and 200 semi grown trees of different species, on the campus spread over 557305.81sq ft.

Carbon absorption capacity of one full grown tree 22 kg Co2 Therefore Carbon absorption capacity of 415 full-grown trees 415 x 22 kg Co2 = 9.13 tons of Co2.

The carbon absorption capacity of 200 semi-grown trees is 50% of that of full-grown trees. Hence the carbon absorption 280 x 6.8 kg of Co2 = 1.36 tons of Co2

There are approximately Hedge Plants 5000 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 where as some others absorb very low level 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, total carbon absorption of bushes is 5000 x 200 g = 1.00 ton of Co2

The lawns on the campus have buffalo grass, Mexican grass and indigenous grass species and cover a total area of 557305.81sq. ft. Carbon absorption capacity of a 10 sq. ft. area of lawn is 1 g per day Therefore, carbon absorption by lawn area 557305.81x 365 x 0.1 g Co2 = 20.34 tons Co2 per year.

Total of carbon absorption capacity of the campus is 31.83 tons.

GREEN INITIATIVES BY CAMPUS

- **Solid Waste Management**
  - Systematically engage with the 3Rs of environment friendliness (Reduce, Reuse and Recycle).
  - Collect paper waste produced on campus and collaborate with scrap dealers for recycling.
  - Reduce use of paper by supporting digitization of attendance and internal assessment records.
  - Reduce requirement of printed books by updating the e-books and e-journals collection of the 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 ban on single use plastic and plastic crockery in the campus.
  - College is in process to install sanitary waste disposal facility by installing incinerator as per CPCB guidelines for the management of sanitary waste -As per Solid Waste Management Rules, 2016

- **Liquid Waste Management**
  - Maintain leak proof water fixtures.
  - Continued employment of a caretaker to take immediate steps to stop anywater leakage through taps, pipes, tanks, toilet flush etc.
  - Reuse of wastewater generated by the Reverse Osmosis (RO) system in washrooms/ garden area.
  - Urinals are installed in boy's washroom to reduce water wastage
- **E-waste Management**
  - College has a separate bin 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.
- **Rain water harvesting**
  - College has 8 rainwater harvesting pits for better groundwater recharge. The stored water in this tank can be used for gardening purposes
- **Renewable Energy**
  - The college has solar PV installed. (Capacity – 140 kWp)
  - The College is using solar lights for street lights.
  - The college believes in using cleaner energy such as LED lighting.
- **Air Pollution Reduction**
  - Personal Vehicles (Students) are not allowed in the campus
- **Eco Club Initiatives**
  - Speaker Session and a quiz on Air Pollution was carried out on 21st December,2023 by The Eco Club under Green School Initiative
  - Awareness session on environmental pollution and a poster and quiz competition was organized on 24th January 2024 by The Eco Club under Green School Initiative
  - The event "The Clean Air Crew Workshop" was organised on 1st March 2024
  - Speech and Discussion activity was organized on 06th December 2023 that catered two topics:
  - Lifestyle, economic, and social changes linked to the conservation of the environment.
  - Plastic Treaty - India's Roles and Responsibility.
  - Youth20 (Y20) Chaupal: Youth climate leadership for accelerating low carbon initiatives at the subnational level was organized on 24th April 2023
  - Mega Clean-up Drive at Sanjay Van was organized on 19th March 2023
  - Paper Collection and Recycling Drive was organized on 25th May 2023 – 05th June 2023 and 1st Dec 2023 to 8th Dec 2023
  - Field Trip to Surajpur Bird Sanctuary (Surajpur Wetland) was organized on 07th October, 2023 and 14th Oct 2023
  - Amphibian Awareness Workshop, was organized from 29th October - 6th November, 2023 at Munnar, Kerala
  - Field Trip to Gurugram Haryana: Sultanpur National Park was organized on 19th November, 2023
  - Field Trip to Aravalli Biodiversity Park was organized on 29th March, 2024
  - Earth Day was celebrated on 22nd April, 2024 with agenda 'Waste Management in Cities'.
  - Creating awareness about dog behaviour to minimize Conflict and Avoiding Dog Bite – session was organized on 16th October, 2023
  - Plantation Drive was organized on 28th August, 2023

RECOMMENDATIONS

- Environmental parameters shall be included in purchase policy to achieve a cradle to grave approach for sustainability.
- College should start drip irrigation to save water in campus
- Flow rate of taps should be checked, it should not be more than 2.5 litres/minute.
- Arrange training programmes on environmental management system and nature conservation for schools and local people.
- Non-teaching staff in environmental awareness programmes and campaigns.
- Messages should be displayed at various locations to Aware the People about Energy Savings and water conservation
- Car-pooling practices can be adopted by campus to minimize air pollution. Increase in the display of environment-conscious posters/paintings/slogans for spreading awareness amongst students.
- Plant Ownership Program should be initiated – Several Trees should be Planted and owned by Visitors as well as students. The Nameplates should also be displayed near the plants.
- 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 Sri Venkateswara College promotes conservation of resources.

Overall, 70% of Sri Venkateswara 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 suggests some more ways in which the college can work to improve its practices and develop into a more sustainable institution.

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

Green Campus

Clean Campus

Sports Ground

Paving Stone Installed in Campus

Color Coded Dustbins

Ornamental Plants in Campus

Indoor Plants at Campus

Classrooms as per NBC Guidelines with More Than 40% Window Ratio

Spacious and Well Equiped Labs

Solar Heaters Installed

Solar PV Installed

Visit to Bird Santury

Plantation Drive by the Students

Climate Awareness Drive

E-waste Collection Bin

Reusing Plastic Waste

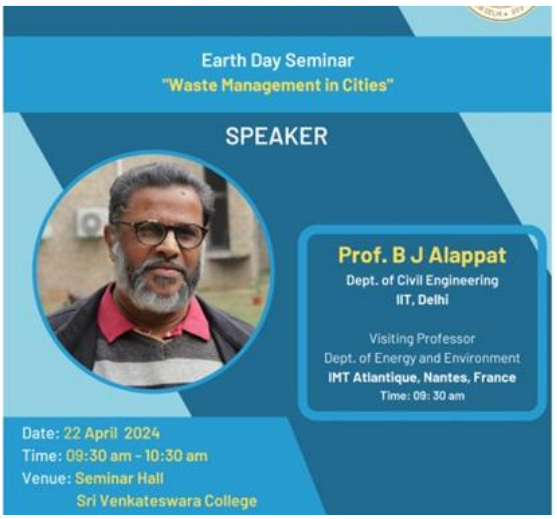
Best out of Waste Activity

Rainwater Harvesting Pit

Biodiversity Initiative

Composting

Paper Recycling Drive



Earth Day Celebration

Environment Day Celebration

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