

GOVERNMENT AUTONOMOUS COLLEGE

ENVIRONMENT AUDIT REPORT

2022 - 2023

PREPARED BY
EHS ALLIANCE SERVICES





TABLE OF CONTENT

AUDIT CERTIFICATE	2
ACKNOWLEDGEMENT	3
DISCLAIMER	4
CONTEXT & CONCEPT	5
INTRODUCTION	6
OVERVIEW OF COLLEGE	7
VISION & MISSION	8
AUDIT PARTICIPANTS	10
EXECUTIVE SUMMARY	11
WASTE MANAGEMENT	12
ENERGY CONSERVATION	14
WATER & WASTEWATER MANAGEMENT	16
AIR QUALITY MANAGEMENT	18
ENVIRONMENT LEGISLATIVE COMPLIANCE	19
GENERAL INFORMATION	20
INITIATIVES CARRIED OUT BY COLLEGE	21
RECOMMENDATIONS	22
CONCLUSION	22
REFERENCE	23
ANNEXURE I – ENVIRONMENTAL RECOGNITION AND COMPLIANCE	24
ANNEXURE II – PHOTOGRAPHS OF ENVIRONMENTAL CONSCIOUSNESS	26



CERTIFICATE



CERTIFICATE

PRESENTED TO

GOVERNMENT AUTONOMOUS COLLEGE

Raghunathpali, Rourkela, Odisha 769004

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

ENVIRONMENT AUDIT

ACADEMIC YEAR 2022-23

The environment legal compliances and initiatives carried out by the institution have been verified on the report submitted and were found to be satisfactory.

The efforts taken by management and faculty towards environment and sustainability are highly appreciated as in oteworthy.



14.07.2023 DATE OF AUDIT

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





ACKNOWLEDGEMENT

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

We would also like to thank Smt. Rameshwari Bhoi (Asst. Professor - Department of Political Science)

- Audit Coordinator, for her 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

Dr. Lichita Patro Asst. Professor - Department of Botany

Dr. Pratap Kumar Swain Asst. Professor - Department of Chemistry

Mr. C. P. Ranjan Asst. Professor - Department of Political Science

Last but not the least, we would like to thank *Dr. Bijaya Kumar Behera - Principal* for giving us an opportunity to evaluate the environmental performance of the campus.





DISCLAIMER

EHS Alliance Services Audit Team has prepared this report for Government Autonomous 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.

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.

Signature

LEAD AUDITOR





CONCEPT AND CONTEXT

In India, the process for environmental audit was first mentioned under the Environment Protection Act, 1986 by the Ministry of Environment of forests on 13th march, 1992. As per this act, every person owning an industry or performing an operation or process needs a legal consent and must submit an environmental report or statement.

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. Moreover, it is part of Corporate Social Responsibility of the Higher Educational Institutions to ensure that they contribute towards the sustainable environment.

In view of the NAAC circular regarding environment auditing, the College management decided to conduct an external environment assessment study by a competent external professional auditor.

The term 'Environmental audit' means differently to different people. Terms like 'assessment', 'survey' and 'review' are also used to describe similar activities. Furthermore, some organizations believe that an 'environmental audit' addresses only environmental matters, whereas others use the term to mean an audit of health, safety and environment-related matters. Although there is no universal definition of Environment Audit, many leading companies/institutions follow the basic philosophy and approach summarized by the broad definition adopted by the International Chambers of Commerce (ICC) in its publication of Environmental Auditing (1989).

The ICC defines Environmental Auditing as:

"A management tool comprising a systematic, documented, periodic and objective evaluation of how well environmental organization, management and equipment are performing with the aim of safeguarding the environment and natural resources in its operations/projects."

This audit focuses on the environment legal compliances and implementation of rules defined by MoEFCC or state pollution control board. The concepts, structure, objectives, methodology, tools of analysis, and objectives of the audit are discussed below.





INTRODUCTION

Nature is very precious gift for all life forms. Disturbance in the nature causes environmental Problems. These are increasing day by day as a result of development of urbanization and industrialization on earth. Because of unplanned utilization of resources, our planet is facing tremendous pressure results a sharp rise in temperature. Therefore, there is an urgent need to plan the consumption of the resources in sustainable manner in order to conserve natural resources for future generation.

Sustainable development is becoming popular in the world for saving the earth. Utilizing resources judicially can save the earth's precious resources. Measurement of environmental components is the most effective step to conserve and protect natural resources.

Environmental auditing had begun in the early 1970s with provision of civil lawsuits for non-compliance with environmental regulations. Environment auditing involves on site visit, collection of samples, performing analyses, and report results to competent authorities.

Industry, the corporate world is initiating auditing for saving natural resources. Academic institutions also can contribute to the preservation and conservation of resources within their premises.

In this, "Environment Audit" report would help everyone to think about preserving resources, show willingness to learn their importance, adopt steps to minimize resource use and set an example for others to follow the path of eco-friendly practices to achieve the goal of sustainable development. Effective implementation of environmental auditing helps in minimization of environmental risks at low cost.





OVERVIEW OF THE COLLEGE

The College started as Rourkela Science College from 16th August, 1961 and was taken over by Government Odisha on 01-07-1963. With the vertical academic growth of the College was conferred with autonomous status in 2002. In the year 2002 the College was accredited by NACC with Grade-B. The College offer variety of Courses at different levels. Besides Art, Science and Commerce at Higher Secondary and Degree levels the College also offers Master Degree in 17 subjects and M. Phil in 03 subjects i.e. Botany, English and Odia. M. Sc in Computer Science, Master in Commerce, Degree Courses in Computer Science, Electronics and Tele-Communication (ETC), Mathematics with Computer (MTC), PGDCA, PGDCH come under Self-finance courses. The College also offers various Degree and P. G. level Courses under Odisha State Open University. The College has been also provided separate Rooms for IGNOU Study Centre. As per the Circular of the Department of Higher Education Government of Odisha the College now stands Bi-furcate in to the Government Autonomous College, Rourkela with effect from Academic Session 2001-2002.Ironically the number of staff both teaching and non-teaching have gone-down after it was Autonomous. There by the Classes are engaged by Guest faculty who are engaged time to time.







The College has not received any UGC grant for last three years. Remuneration for non-teaching is paid from the fee collected from the students, as there is no special grant for the Government for this purpose. This has been a hindrance in achieving our mission of academic excellence to make this premier Institute, a centre of quality learning by training the students to be creative and competitive enough to face the challenges of the new millennium.

MISSION & VISION

MISSION

To achieve Academic Excellence by giving impetus and adapting to measures for Enhancing Effective Quality Sustenance and Progression on all key facets of Education. Providing a Dynamic and Conducive Environment for all in order to Inculcate, Infuse, Imbibe, Equip and Disseminate Value Oriented Learning, Creativity, Innovation, Societal Consciousness to achieve Sustainable Livelihood.

VISION

To achieve Academic Excellence by giving impetus and adapting to measures for Enhancing Effective Quality Sustenance and Progression on all key facets of Education. Providing a Dynamic and Conducive Environment for all in order to Inculcate, Infuse, Imbibe, Equip and Disseminate Value Oriented Learning, Creativity, Innovation, Societal Consciousness to achieve Sustainable Livelihood.

Facilities in the campus

Amenities at Government Autonomous 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, Government Autonomous College offers the following:

GREEN CAMPUS: The Institute has an impressive and pollution-free campus with panoramic green surroundings, elegant landscaping and beautiful flowerbeds.

SPORTS ACTIVITIES: Spending quality time is never a problem in the Institute. Evenings find students enjoying the pleasure of these sports as players and audience.









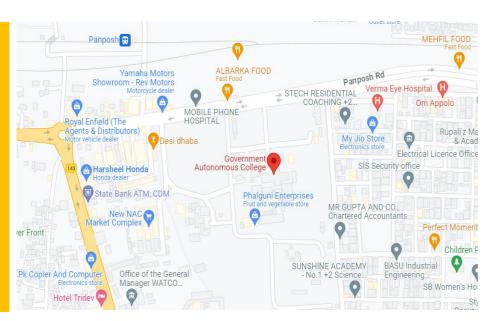
MESS: The institute has its huge mess, which serves healthy and nutritious cuisines to its students.

CANTEEN: The institute has its own canteen, which serves healthy and nutritious food to its students at subsidized rates. The menu varies from spicy samosas, wafers to full-meals.



CAFETERIA AUDITORIUM









AUDIT PARTICIPANTS

On behalf of college

Name	Designation
Dr. Bijaya Kumar Behera	Principal
Smt. Rameshwari Bhoi	Asst. Professor - Department of Political Science
	Asst. Professor - Department of Political Science (IQAC
Mr. Choudhury Pardosh Ranjan	Coordinator)
Dr. Smruti Snigdha Mishra	Asst. Professor - Department of Chemistry
Mr. Sameer Saurava Prusty	Asst. Professor - Department of Zoology
Dr. Pratap Kumar Swain	Asst. Professor - Department of Chemistry
Dr. Bishwanath Parija	Asst. Professor - Department of Physics
Dr. Parbhudutta Mohanty	Asst. Professor - Department of Computer Science
Dr. Niranjan Sahu	Asst. Professor - Department of Physics
Dr. Lichita Patro	Asst. Professor - Department of Botany
Mr. Prashant Kumar Sethi	Asst. Professor - Department of Botany
Dr. Abeg Jaiswal	Asst. Professor - Department of Statistics
Mr. C. P. Ranjan	Asst. Professor - Department of Political Science
Dr. Sasmita Samal	Asst. Professor - Department of Chemistry
Ms. Usharani Sethi	Asst. Professor - Department of Commerce
Dr. Bijaya Kumar Behera	Principal
Smt. Rameshwari Bhoi	Asst. Professor - Department of Political Science
	Asst. Professor - Department of Political Science (IQAC
Mr. Choudhury Pardosh Ranjan	Coordinator)

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



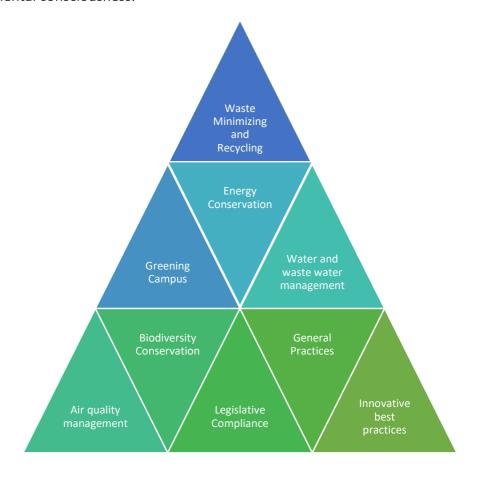


EXECUTIVE SUMMARY

The environment audit is a snapshot in time, in which one assesses campus performance in complying with applicable environmental laws and regulations. Though a helpful benchmark, the audit almost immediately becomes out-dated unless there is some mechanism in place to continue the effort of monitoring environmental compliance. Our approach to promote a Green Campus to inculcate the sustainable value systems among the students, so that they carry the learning and practices them in their future endeavours. This will ensure that Sustainability and Environmental practices get embedded in all the institutions and organizations in the country.

A Green Campus is a place where environmentally friendly practices and education combine to promote sustainability in the campus which ultimately offers an institution the opportunity to take the lead in redefining its environmental culture and developing new paradigms by creating sustainable solutions to environmental, social and economic needs of the mankind.

This is the second environment audit of college for doing their bit towards environmental protection and environmental awareness at local and global front. Audit criterion is environmental cognizance, waste minimization and management, biodiversity conservation, water conservation, energy conservation and environmental legislative compliance by the campus. A questionnaire is used during audit. This audit report contains observations and recommendations for improvement of environmental consciousness.







WASTE MANAGEMENT

TYPE OF WASTE ON COLLEGE CAMPUS

To create effective waste management plans, college first need to know the type of waste being generated at the campus. Below, we have compiled a list of various kinds of waste commonly generated on institutional campus:

- 1. **FOOD WASTE** College campus generates food waste. The average mess and canteen generates approximately 15 kg of food waste a day. The reasons for food waste on an educational campus may be over purchasing food to ensure a sufficient supply and then throwing it away, especially in all hostel messes where plentiful stores are essential. And in the cafeteria or hostel mess, students may pile food onto their trays, find it unappealing once they sit down and dutifully scrape it into the garbage. Immediate attention is given to the food waste minimization techniques.
- 2. **RECYCLABLE PAPER, CARDBOARD, PLASTIC, GLASS AND CANS -** Campus tends to produce vast quantities of these recyclables. Even in the digital age, many students, professors and staff members still prefer handwritten notes and end up with piles of unwanted paper once their courses and projects are complete. And shipments of necessary items throughout the year are likely to arrive in recyclable plastic and cardboard packaging. The same is sold/auctioned to the scrap vendors time to time.
- 3. **STUDENT CLOTHES AND HOUSEWARES -** As we have mentioned above, many students find it more convenient to throw away their clothes and dorm furnishings at the end of the year than donate or recycle them.
- 4. **E-WASTE** Student and facility electronics often form a large portion of a campus's waste As campus continually upgrade their computing facilities and office computers to keep up with the latest technology, the old computers have to go somewhere. So do old printers, phones, copy machines and other electronics that receive upgrades over the years. Discarded student electronics often become part of a campus's waste stream as well.
- 5. **CHEMICAL WASTE** Chemical waste on a college campus may come from numerous sources. Campus laboratories generate waste chemicals, as do cleaning services. The detergents used in campus laundry rooms eventually become waste as well. Much of these chemical substances are hazardous waste under Manufacture, Storage and Import of Hazardous Chemicals Rules, 1989 and must undergo specific disposal processes according to state environmental rules and regulations.





- 6. **MAINTENANCE WASTE** In the maintenance department, spent paints, solvents, adhesives and lubricants all form potentially hazardous waste. Because they are difficult to recycle, spent incandescent light bulbs usually become landfill waste. Spent fluorescent light bulbs, which contain small amounts of mercury, typically require special handling because of the environmental and health risks they pose.
- 7. **BIOLOGICAL WASTE** Biological waste from laboratories will require special handling and disposal as per BMW Rules, 2016. Government Autonomous College has installed number of furnace to manage lab's waste at different labs.
- 8. **FURNITURE** Furniture waste on a college campus has a couple different sources. The campus itself may also get rid of old furniture as it modernizes its classrooms, cafeterias, computer labs and study spaces. Annually sold to junk dealer.
- 9. **BOOKS/MAGAZINES/NEWSPAPERS** Books accounted for solid waste generation and institutions often generate tons of textbook waste. As courses upgrade to new editions, they may end up throwing their newly obsolete textbooks into the garbage if donation programs cannot use them. Students of Government Autonomous College donates their text books and notes to junior students, or else are auctioned to reseller.
- 10. **C & D WASTE** Expansion of campus building and renovation works result significant amount of construction and demolition waste that should be either used for back filling or disposed off through authorised dumping site by CPCB/SPCB.
- 11. **SOLID WASTE** The College is managing solid waste by providing via composting and bio gas plant.
- 12. **HORTICULTURE WASTE** College campus has lavished greenery and grounds that results significant horticulture waste which is managed by in-house composting system.



ENERGY CONSERVATION

1. List ten ways that you use energy in your institute. (Electricity, LPG, firewood, others). Using this list, try to think of ways that you could use less energy every day.

A. Electricity

- Lights, Fans, Air conditioners
- Lab equipment
- Computers in labs, faculty rooms & offices
- Electrical Appliances in Pantry

B. LPG

• Cafeteria and hostel mess

Ways to use less energy

- Replacing the conventional bulbs to LEDs
- Use of natural light when possible
- Use large appliances together to reduce energy use.
- Cleaning of Filters on regular basis and replace them whenever needed.
- Sealing cracks and gaps and leaks and adding insulation which leads to saving energy up to 10% on heating and cooling.
- Insulate the room spaces
- Turn off the switch on the socket after use.

2. Are there any energy saving methods employed in your institute? If yes, please specify. If no, suggest some

- Electricity is saved by use of LED bulbs for illumination.
- In Canteen, LPG is saved by use of pressure cookers for cooking food but in pandemic time, canteen was non-operational.
- Switch off fans and lights when not in use
- Various energy conservation awareness programs for students and staff
- Keep the computers and ACs on power saving mode.

3. How many CFL/LED bulbs has your institute installed?

Approx 80 % of Total Conventional bulbs and tube lights are replaced by LED Lights.

4. Do you run "switch off" drills at institute?

Yes



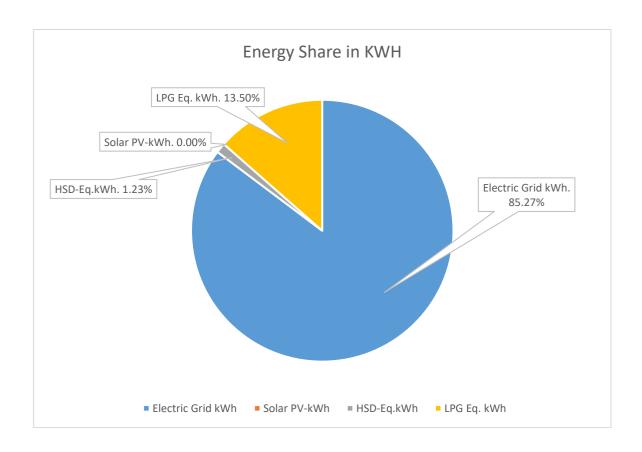
5. Are your computers and other equipment's put on power-saving mode?

Yes

6. Does your machinery (TV, AC, Computer, weighing balance, printers, etc.) run on standby modes most of the time? If yes, how many hours?

Yes, In office hours

Energy Share	kWh	Percentage
Electric Grid kWh	107806.97	85.27%
Solar PV-kWh	0.00	0.00%
HSD-Eq. kWh	1556.32	1.23%
LPG Eq. kWh	17066.10	13.50%
Total -kWh	126429.39	100%





WATER AND WASTEWATER MANAGEMENT

1. List uses of water in your institute

Basic use of water in campus:

Drinking – 59.18 KL/month

Gardening – 509.90 Kl/month

Kitchen and Toilets - 455.96 KL/month

Others - 151.56 KL/month

Hostel – 1876.50 KL/Month

Total = 3053.10 KL/Month

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

The available total water storage of the college is tanks on the terrace.

- Avoid overflow of water-controlled valves provided in the water supply system.
- Close supervision of the water supply system.
- > Sensor-based taps are installed
- 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 and Exit)

Entry - Water comes from Municipal Corporation and Borewell

Exit- From Canteen, Toilets, Hostel, Bathrooms, and Labs through covered drainage which is connected to the sewer, and treated water is used for gardening purposes



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
- > Sensor based taps and push tap are installed to save water

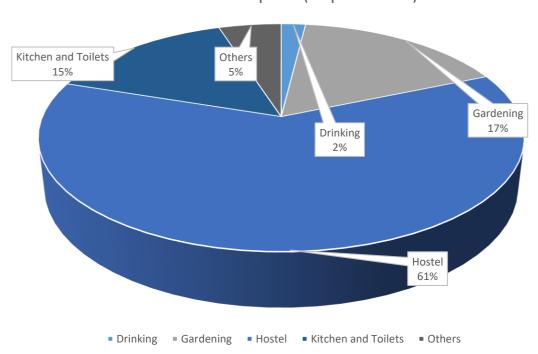
5. Does your institute harvest rainwater?

The college has three rainwater storage tanks for better water conservation. The stored water in this tank can be used for gardening purposes

6. Is there any water recycling System?

No

Water Consumption (KL per Month)







AIR QUALITY MANAGEMENT

1. Are the Rooms in Campus Well Ventilated?
Yes, as per National Building Code, guidelines
2. Window Floor ratio of the Rooms?
Very Good, ample daylight utilization because of big windows.
3. What is the ownership of the vehicles used by your campus?
There are no college owned vehicles
4. Provide details of Institute-owned vehicles?
NA
5. PUC done?
NA
6. Specify the type of fuel used by your campus's vehicles
NA
8. Air Quality Monitoring Program (If, Any)
No





ENVIRONMENT LEGISLATIVE COMPLAIANCE

1. Are you aware of any environmental Laws Pertaining to different aspects of environmental management?	:
Yes	
2. Does your institute have any rules to protect the environment? List possible rules you could include.	À
Yes, Government Autonomous College's- Eco club is conscious about the environment protection and takes proper measures in terms of awareness campaigns, activities, webinar, seminars, etc.	
3. Does Environmental Ambient Air Quality Monitoring conducted by the Institution	ute
4. Does Environmental Water and Waste water Quality monitoring conducted the Institute?	by
No	
5. Does stack monitoring of DG sets conducted by the Institute?	
No	
6. Is any warning notice, letter issued by state government bodies?	
No	
7. Does any Hazardous waste generated by the Institute?	
No	





GENERAL INFORMATION

- 1. Does your institute have any rules to protect the environment? List possible rules you could include.
 - Periodic Plantation drive
 - Ban on single use plastic
 - Biodegradable waste management through Composting
 - Water and energy conservation through posters

2. Are students and faculties aware of environmental cleanliness ways? If Yes Explain

Yes. Government Autonomous College creates awareness through ECO Club activities, Webinars, cleanliness drives in the community.

3. Does Important Days Like World Environment Day, Earth Day, and Ozone Day etc. eminent in Campus?

Yes, World Environment Day, Ozone Day, Earth Day, World water day, World wetland Day, Earth hour and more are celebrated by campus.

4. Does Institute participate in National and Local Environmental Protection Movement?

Yes

5. Does Institute have any Recognition or certification for environment friendliness?

Certificates added in annexure

7. Does Institution conduct a green or environmental audit of its campus?

This is the second external audit carried out by the college.





INITIATIVES CARRIED OUT BY COLLEGE

Solid Waste Management

- O Systematically engage with the 3Rs of environment friendliness (Reduce, Reuse and Recycle).
- o 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.
- o 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
- o The habit of reusing and recycling non-biodegradable products
- o Organizing workshops for students on solid waste management.
- o There is ban on single use plastic and plastic crockery in the campus.
- College has installed 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.
- Minimize the use of water by constructing more Indian style toilets instead of western style toilets.
- O Continued employment of a caretaker to take immediate steps to stop any water leakage through taps, pipes, tanks, toilet flush etc.
- o Reuse of wastewater generated by the Reverse Osmosis (RO) system in washrooms.

> E-waste Management

O 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.

Rain water harvesting

o The central area of the new building of college has a rainwater harvesting system for better groundwater recharge. The stored water in this tank can be used for gardening purposes.

> Air Pollution Reduction

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





RECOMMENDATIONS

- ➤ Eco-friendly parameters should be included in the purchase of articles and goods for the campus.
- ➤ Car-pooling practices can be adopted by campus to minimise air pollution.
- The periodic maintenance schedule for equipment such as AC, cooler, Geyser, pump, etc to achieve optimised efficiencies.
- Environmental Monitoring i.e. Stack Monitoring of DG sets, Water monitoring, air quality monitoring need to be conducted periodically (as per SPCB).
- Agreement with third party authorised vendors should be done for different types of waste management, such as paper waste, Plastic waste, e-waste, etc.
- > Reduce carbon emission by reducing the LPG and diesel consumption
- ➤ Initiate the use of solar geysers in hostel
- ➤ Initiate solar PV of 40kW to reduce carbon footprints
- Water metering records should be in practice for water auditing and balancing.
- > Borewell permission should be taken from CGWA.

CONCLUSION

This audit involved extensive consultation with all the campus team, interactions with key personnel on a wide range of issues related to environmental aspects. Overall, 70% of college campus is for landscaping. Government Autonomous College is dedicated to promote the environment management and conservation in the campus and community. The audit has identified some suggestions for making the campus premise more environment friendly. The recommendations and suggestions are mentioned for campus to initiate actions.

The audit team opines that the overall site is well-maintained from environmental perspective. The recommendations in this report highlight many ways in which the college can work to improve its actions and become a more sustainable institution.





REFERENCES

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





ANNEXURE I – ENVIRONMENTAL RECOGNITION AND COMPLIANCE



Certificate from local counsellor







Food Safety Licence





ANNEXURE II – PHOTOGRAPHS OF ENVIRONMENTAL INITIATIVES













































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