

GREEN AUDIT REPORT



West Guwahati College of Education

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Affiliated to Gauhati University and Recognised by NCTE
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Our special thanks are due to:

- Principal of the college – Dr. Gitanjali Choudhury
- IQAC- Chairperson/Head of the Institution Dr. Gitanjali Choudhury
- Coordinator of IQAC Barsita Sarkar
- Member from Management Prof. P.K Jain
- Administrative Officer Mukul Medhi
- Administrative Officer M.C Medhi
- One nominee each from Local Society, Student & Alumni Kamala Devi
- One nominee each from Employers, Industrialist & Stakeholders Amal Deka
- Teachers to Represent all Levels Dipak Kalita, Mritunjay Dasgupta, Dr. Priyanki Barpujari, Aruna Devi, Biswabarna Dey, Ranjit Rabha, Ananya Patwary

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

2.0 DISCLAIMER

Interglobal Business Process Pvt. Ltd. Green Audit/Environment Audit Team has prepared this report for **West Guwahati College of Education** based on input data submitted by the representatives of College complemented with the best judgment capacity of the expert team.

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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Report by: (Dharamveer Singh)
Lead Auditor (Environment Management System)

3.0 CONTEXT

We are committed as a component of Corporate Social Responsibility of the Higher Educational Institutions to ascertain that they contribute towards the minimization of global warming through Carbon Footprint abbreviation measures.

WGCE College Management decided to conduct an external Green Evaluation by a competent Green Auditor along with a Green Audit Assessment Team headed by **Dr. Gitanjali Choudhury**, Principal, **West Guwahati College of Education, Guwahati**.

Green Audit or Environment Audit focuses on the Green Campus, Waste Management, Water Management, Air Pollution, Energy Management & Carbon Footprint etc. being implemented by the College Management. The concept, structure, objectives, methodology, tools of analysis, objectives of the audit are mentioned below.

4.0 CONCEPT

The term 'Environmental audit' or 'Green audit' means differently to different people. Terms like 'assessment', 'survey' and 'review' are also used to describe similar activities. Furthermore, some organizations/Institutions 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 Green Audit, many leading companies/institutions follow the basic philosophy and approach summarized by the broad definition adopted by the International Chambers of Commerce (ICC) in its publication of Environmental Auditing (1989).

The ICC defines Environmental Auditing as:

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

The outcome of Green Audit should be established with concrete evidence that the measures undertaken and facilities in the institution under green auditing.

5.0 INTRODUCTION

A Nation's growth starts from its educational institutions, where the ecology is thought as a prime factor of development associated with environment. Educational institutions now a days are becoming more sensitive to environmental factors and more concepts are being introduced to make them eco-friendly. To preserve the environment within the campus, various viewpoints are applied by the several educational institutes to solve their environmental problems such as promotion of the energy savings, recycle of waste, water reduction, water harvesting etc. The activities pursued by colleges can also create a variety of adverse environmental impacts.

Environmental/Green auditing is a process whereby an organization's environmental performance is tested against its environmental policies and objectives. Green audit is defined as an official examination of the effects a college has on the environment. As a part of such practice, internal environmental audit (Green Audit) is conducted to evaluate the actual scenario at the campus.

Green audit can be a useful tool for a college to determine how and where they are using the most energy or water or resources; the college can then consider how to implement changes and make savings. It can also be used to determine the type and volume of waste, which can be used for a recycling project or to improve waste minimization plan. Green auditing and the implementation of mitigation measures is a win-win situation for all the college, the learners and the planet. It can also create health consciousness and promote environmental awareness, values and ethics. It provides staff and students better understanding of Green impact on campus.

Green auditing promote financial savings through reduction of resource use. It gives an opportunity for the development of ownership, personal and social responsibility for the students and teachers. Thus it is imperative that the college evaluate its own contributions toward a sustainable future. As environmental sustainability is becoming an increasingly important issue for the nation, the role of higher educational institutions in relation to environmental sustainability is more prevalent.

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

Environmental Management Systems (EMS) is very popular in the industrial sector, but the general belief is that EMS is something pertaining to industries only. Other parts of the world have started adopting compatible environmental management systems either voluntarily or for promoting standards by external certification. Interglobal Business Process Pvt. Ltd. has developed a compatible system by developing locally-applicable techniques.

A very simple indigenized system has been devised to monitor the environmental performance of educational institutions. It comes with a series of questions to be answered on a regular basis. Environmental conditions may be monitored from angles that are relevant to Indian requirements, without stress on legal issues or compliance.



This innovative scheme is user-friendly and totally voluntary. The environmental monitoring system helps the institution to set environmental examples for the community and to educate young learners. It can be adapted to urban and / or rural situations.

6.0 OVERVIEW OF INSTITUTE

With the explosion of media and information spreading technology, the teaching techniques have undergone rapid changes. Besides, the schooling age and period is reduced, for which proper training has become indispensable to handle the well informed pupils. To mitigate the social needs, in order to fill up the gaps of trained teachers and at the same time to provide training facilities to ever growing number of graduates, a vociferous demand for such training facilities was built up in this part of the city.

In response to the demand of Pandu-Maligaon , Jalukbari, Dharapur, Tetelia, Baragaon, Gotanagar and entire western part of the city this West Guwahati College of Education, in 1992 was established with the relentless efforts of a few devoted academicians

Accordingly, a Sponsoring Body headed by Dr. M. Barthakur, M.A., B.Sc.(Hons), Ph.D., Retd. Professor of Gauhati University and Sri Sreemanta Sarker, M.A., B.Ed., the Principal of Bidyamandir H.S. School as Secretary was formed on 1st April, 1992 to initiate the move for establishing a College of Education i.e., B.Ed. College at Pandu, with permission from Gauhati University. The Sponsoring Body was later on expanded by co-opting other members having selfless love for education and wide experience in socio-administrative activities.

Institution of Krishna Kanta Handique State Open University (KKHSOU) Study Centre came into force due to the tireless effort carried out by Prof. Dr.Minadhar Barthakur, President, WGCE, , WGCE and Mrs Gitanjali Choudhury , Principal, WGCE.

In the recent years the demand for trained teachers has considerably increased. Due to lack of trained teachers, the State Government deputed teachers for in-service training to limited number of B.T. or B.Ed. degree compulsory for recruitment of teachers. Similarly the state government also prefers trained teachers for appointment in the schools and very likely it will make it statutory requirement for a qualified teacher. Gauhati University abolished the B.T. Department and the existing teachers training colleges failed to meet the demand of ever-growing schools in the nook and corner of the state. As a result, there was a pressing need for a teachers training college in the western part of the city of Guwahati.

In the year 2008, West Guwahati College of Education has instituted KKHSOU Study Centre which caters to the need of the educationally deprived individuals from various walks of life introducing BPP and BA courses.

The Managing Committee of the Bidyamandir H.S. School of which Sri Sarker was the Secretary was magnanimous enough to permit the Sponsoring Body to start the College in its premises. The efforts of the Sponsoring Body were ultimately crowned with success when “West Guwahati College of Education” (WGCE) was formally inaugurated on the 1st April, 1992 in the premises of Bidyamandir H.S. School, Rest Camp, Pandu, Guwahati-12. It will be unfair if the names of two veteran academicians whose personal efforts and contributions have laid the solid foundation of the College are not mentioned in this context. They are late B.K.Nath, M.Sc.; M.S.(USA) and Mrs. Kamana Barowa, M.A.; B.Ed. Along with the Secretary Sri Sarker, late Mr. Nath as the founder Principal gave the academic shape of the institution by his selfless dedication and Mrs. Kamana Barowa as an experienced teacher organized the academic and cocurricular activities. Large number of students from different parts of the city and the state as a whole were attracted and consequently there had

been increasing rush for admission in the College. Since 1992, the College has been efficiently functioning and by 2006, it has trained more than 1000 graduates and post graduates to become qualified teachers. The statistics given, testify the creditability of the College. KKSHOU Study Centre came into existence since 5th April 2008.

VISION OF WGCE

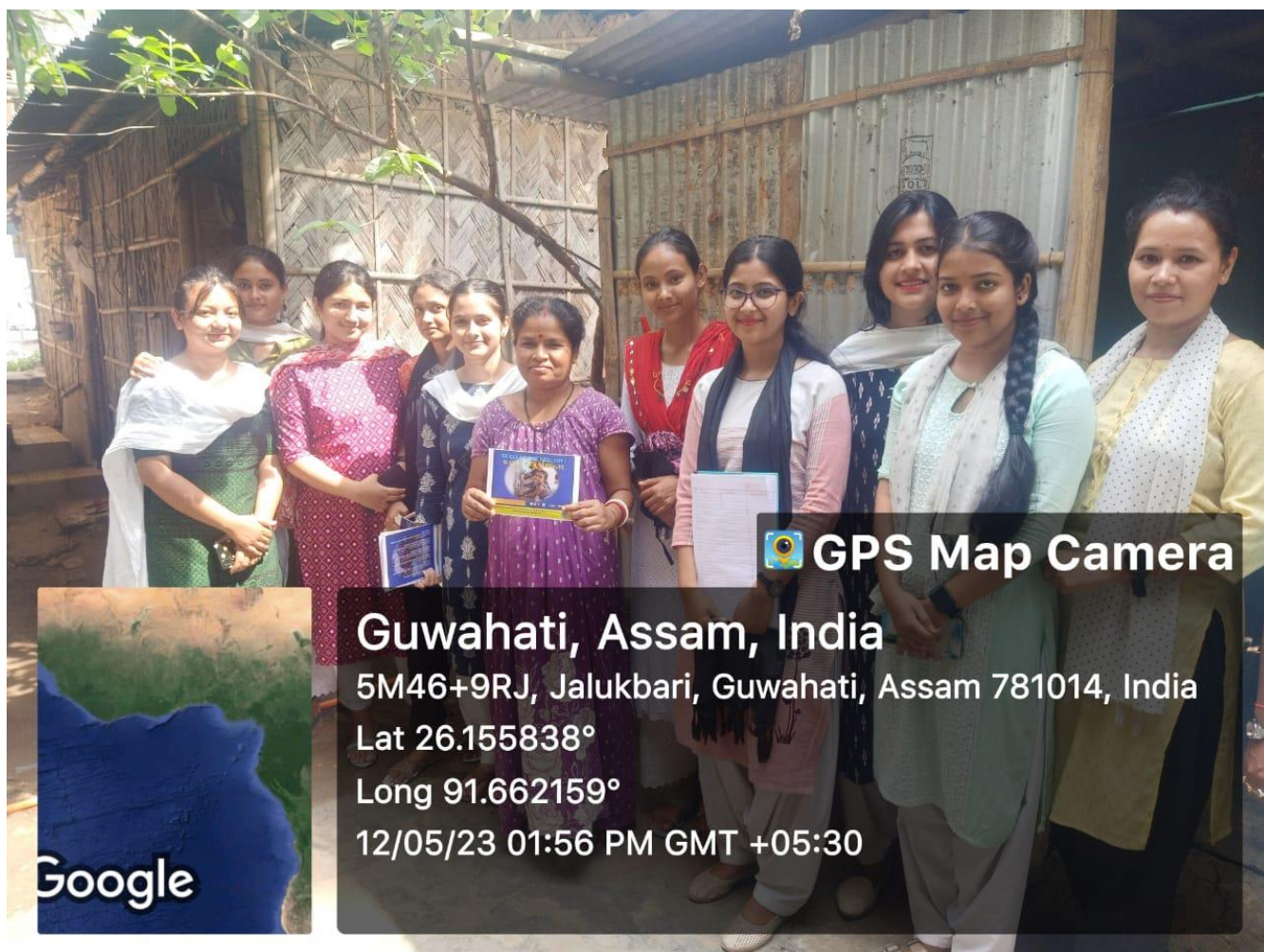
To inculcate holistic and quality-oriented teacher education programme through different modern, innovative techniques in teaching learning process among the student trainees.

MISSION

To meet the holistic quality education through the "SHOWER THE AMRIT OF KNOWLEDGE", prepare the student teacher for acquiring new knowledge, skills for shaping and promoting the upcoming generation.

VALUES

- To prepare good human being/citizens.
- To identify hidden talents.
- To mobile resources.
- To provide activity-oriented courses.
- To maintain integrity and honesty among the stakeholders.
- To the respect the human relationship with dignity.



The landscaped grounds of WGCE are widely admired for their beauty. In addition, there are following facilities of Sports and Common Room activities are available in the campus.

Play grounds: College has a medium size field suitable for Football, Cricket, Hockey and Athletics in the college campus which is used by the students and resident of the campus for daily practice and for organization of tournaments. Sometimes these grounds are used by the other colleges, university, local sports organizations and NGO's also.

Playing courts: In addition to the above grounds, college has separate courts for tennis (hard court), Basketball, Volleyball, Kho-kho and, Kabaddi.

Common Room: There is boy's common room and one girls common room. These have all the facilities for indoor games as well as newspapers and periodicals.

The most valuable investment any educational institution can make is "Nurturing Future Leaders". With the continuous rise in expectation of essential leadership standards, West Guwahati College of Education torch bearers have taken a responsibility for this investment to nurture the Next- Gen leaders with a vision to bridge the existing skill gap. With a firm step forward to attain an academic excellence, several Centers of Excellence, computer labs, and industry-academia associations have been setup at the West Guwahati College of Education in association with the top leaders.





BE CLEAN ! BE HEALTHY !
BE KIND & WASH YOUR HANDS



A door to door awareness
Campaign by



Date : 12/05/2023

**West Guwahati College of Education Pandu,
Templeghat, Ghy-12**



The College believes that its primary stakeholders are the students. All aspects of education focus on the core values of contributing to national development while fostering global competencies among students. The College admits students from all social milieus and empowers them through intensive mentoring and counselling to face the challenges of life and become responsible and sensitized citizens of the country.



Organisational Structure of the College:

1. NILACHAL ACADEMIC TRUST
2. WEST GUWAHATI COLLEGE OF EDUCATION
3. GOVERNING BODY 11 MEMBERS
4. PRESIDENT
5. PRINCIPAL CUM SECRETARY
6. LECTURERS
7. SUPPORTING STAFF

B.Ed & D.El.Ed

FOLLOWING METHOD SUBJECTS ARE AVAILABLE IN WEST GUWAHATI COLLEGE OF EDUCATION:

1. Assamese
2. English
3. Hindi
4. Bengali
5. General Maths
6. General Science
7. Social Science
8. Geography
9. HISTORY



7.0 OBJECTIVES AND SCOPE

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

- Environmental education through systematic environmental management approach
- Improving environmental standards
- Benchmarking for environmental protection initiatives
- Sustainable use of natural resource in the campus.
- Financial savings through a reduction in resource use
- Curriculum enrichment through practical experience
- Development of ownership, personal and social responsibility for the College campus and its environment
- Enhancement of College profile
- Developing an environmental ethic and value systems in young people

8.0 AUDIT PARTICIPANTS

On behalf of Institute:

Name	Position/Department
Dr. Gitanjali Choudhury	Principal, West Guwahati College of Education
Barsita Sarkar	Coordinator of IQAC, West Guwahati College of Education
Prof. P.K Jain	Member from Management
Mukul Medhi	Administrative Officer
M.C Medhi	Administrative Officer
Kamala Devi	One nominee each from Local Society Student
Amal Deka	One nominee each from Employers Industrialist Stakeholders

On behalf of Interglobal Business Process Pvt. Ltd.:

Name	Position	Qualification
Dharamveer Singh	Lead Auditor	B.COM, Lead Auditor Course (Environmental Management System) Lead Auditor ISO 9001:2015, 14001:2015, OHSMS 45001:2018
Jiyaa Singh	Co- Auditor	Master Of Environmental Science (M. Sc), Project done for Sanitary Waste Managemnt & Auditor Course (Environmental Management System)

9.0 EXECUTIVE SUMMARY

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

WGCE already done internal green assessment and annual reports published for continual improvements; QS Programme and doing their bid towards environmental protection and environmental awareness at local and global front. Audit criterion is environmental cognizance, waste minimization and management, biodiversity conservation, water conservation, energy conservation and environmental legislative compliance by the campus. A questionnaire is used during audit. This audit report contains observations and recommendations for improvement of environmental consciousness.

10.0 AREAS OF IMPROVEMENT

- Environment Policy to be adopted by the College Campus.
- Water Meter should be installed and maintain the inventory of ground water extraction resource bore well.
- Stack height of DG set should be as per DG Rules
- Storage of chemicals like; paints, gums resins, oils, lubricants, acids etc. in designated place and safety/warning signs should be displayed.
- Internal inspection system should be developed for various aspects of environment available in campus
- Waste Management plan should be prepared for the campus.
- Display of environment awareness posters should be there in the prominent areas of campus.

11.0 ENVIRONMENTAL AUDIT - QUESTIONARE

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

- 11.1.1 Waste Minimization and Recycling
- 11.1.2 Greening
- 11.1.3 Energy Conservation
- 11.1.4 Water Conservation
- 11.1.5 Clean Air
- 11.1.6 Animal Welfare
- 11.1.7 Environmental Legislative
- 11.1.8 General Practices

Does any Environmental/Green Audit conducted earlier?

The college has conducted the internal Green Audit under the Green Society of WGCE. The Annual reports records reviewed during the audit, Main focus of this is to bring awareness of environmental values in students and society. Now, the external audit for environment is awarded to **Interglobal Business Process Pvt. Ltd.** for a systematic way of monitoring the environmental eminence initiative, taken by College for environment protection.

What is the total permanent population of the Institute?

	Male	Female	Total
Students	16	84	100
Teachers	5	11	16
Non-Teaching Staff	5	3	8
Sub Total			
Approximate Number of Visitors (Per day)			10
What is the total number of working days of your campus in a year?			180

Where is the campus located?

The campus is Located in Guwahati

Which of the following are available in your institute?

1 Garden area	Available
2 Play ground	Available
3 Kitchen	Available
4 Toilets	Available
5 Garbage Or Waste Store Yard	Available
6 Laboratory	Available
7 Canteen	Available
8 Hostel Facility (numbers)	Available
9 Guest House	Not Available

Which of the following are found near your institute?

1 Municipal dump yard	Not in vicinity of institute
2 Garbage heap	No Garbage heaps
3 Public convenience	Yes
4 Sewer line	Yes within campus
5 Stagnant water	No stagnant water
6 Open drainage	Yes
7 Industry – (Mention the type)	No
8 Bus / Railway station	Kamakhya nearby from campus
9 Public halls	No

11.1 WASTE MINIMIZATION AND RECYCLING

1.	<p>Does your institute generate any waste? If so, what are they?</p>	<p>Yes, Solid waste, paper waste, plastic waste, toiletry waste, Horticulture Waste, etc.</p>			
2.	<p>What is the approximate amount of waste generated per day? (in Kilograms/month) (approx.)</p>	<p>Bio Degradable 40kg</p>	<p>Non-Biodegradable 4kg</p>	<p>Hazardous 1kg</p>	<p>others <6kg</p>
3.	<p>How is the waste generated in the institute managed? By</p> <p>1 Composting 2 Recycling 3 Reusing 4 Others (specify)</p>	<p>1 composting pits are there in campus, Reuse of one side printed Paper for internal communication. Sewage water is discharged to public Sewer. Domestic Waste is given to nearby families for their use of manure. Two types of Waste bins are provided at campus for biodegradable and non-biodegradable waste. Horticulture waste is also given to plant of green house</p>			
4.	<p>Do you use recycled paper in Institute?</p>	<p>Yes, in academic evaluation works</p>			
5.	<p>Do you use reused paper in Institute?</p>	<p>Yes</p>			
6.	<p>How would you spread the message of recycling to others in the community? Have you taken any Initiatives? If yes, please specify.</p>	<p>Yes, Green Society carried out numerous activities. Recycling campaigns, e waste management, Anti-plastic campaigns, Vriksharopan, sustainable goal awareness programme.</p>			
7.	<p>Can you achieve zero garbage in your institute? If yes, how?</p>	<p>Yes, as per new waste management rules all kind of waste is managed in an adequate manner without any deviation.</p>			

11.2 GREENING THE CAMPUS

8.	Is there a garden in your institute?	Yes, about .5 Acre is the Green Area.	
9.	Do students spend time in the garden?	2-3 Hours during winters	
10.	Total number of Plants in Campus	Plant type	Approx. number
		Trees	More than 50
		Shrubs	More than 350
		Grass Cover	.5 Acre
11.	Suggest plants for your campus. (Trees, vegetables, herbs, etc.)	Ashoka, Ficus Religeosa, Boganvella, Alovera, Azadirachta indica , and many more as per geographical regime.	
12.	Is the College campus have any Horticulture Department	Yes	
	Number of Staff working in Horticulture Department	One Gardeners	
13.	Number of Tree Plantation Drives organized by College per annum. (If Any)	Yes, Three Tree Plantation Drives are Organized Annually. 50+ trees and 100+ shrubs planted in this financial year.	
14.	Number of Trees Planted in Last FY.	50	
	Survival Rate	80%	
15.	Plant Distribution Program for Students and Community	Yes, Seed Bank is developed and, Saplings are distributed to Students and visitors at various Occasions.	
16	Plant Ownership Program	No	

11.3 ENERGY CONSERVATION

17.	List few 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.	Electricity is saved by use of LED bulbs for illumination, LPG is saved by use of Pressure cookers for cooking food. Alternate source of energy i.e. Solar Panel may Install.
18.	Are there any energy saving methods employed in your institute? If yes, please specify. If no, suggest some	No Messages will be displayed at various locations to aware the People about Energy Savings. Use of Natural Lights and Natural Ventilation are promoted.
19.	How many CFL/LED bulbs has your institute installed?	75 % of Total Conventional bulbs are replaced by LED Lights.
20.	Are any alternative energy sources employed / installed in your institute? (photovoltaic cells for solar energy, windmill, energy efficient stoves, etc.,) Specify.	No, photovoltaic cells for solar energy may use for corridors and big hall, energy efficient stoves and solar power.
21.	Do you run "switch off" drills at institute?	Yes
22.	Are your computers and other equipment's put on power-saving mode?	Yes, In Practice
23.	Does your machinery (TV, AC, Computer, weighing balance, printers, etc.) run on standby modes most of the time? If yes, how many hours?	No

Table showed the power consumption details of last year

S.No	Month	Electricity Consumption (KWh)
1	Feb 2022	267
2	Mar 2022	416
3	April 2022	293
4	May 2022	408
5	June2022	361
6	July 2022	371
7	Aug 2022	354
7	Sept 2022	343
8	Oct 2022	320
9	Nov 2022	267
10	Dec 2022	189
11	Jan 2023	122
12	Feb 2023	102

11.4 WATER CONSERVATION

24.	List uses of water in your institute	Basic usage of water in campus are; Drinking, Gardening, Kitchen & Toilets, and Others. And total consumption is 500KL/month
25.	How does your institute store water? Are there any water saving techniques followed in your institute?	Underground Water tank installed for storage of water. Avoid overflow of water controlled valves are provided in water supply system.
26.	If there is water wastage, specify why and How can the wastage be prevented / stopped?	No
27.	Locate the point of entry of water and point of exit of waste water in your institute.	Entry- Water comes from Municipal Corporation Ground watersupply at campus Exit- From Water Drainage System to the back gate of campus
28.	Write down few ways that could reduce the amount of water used in your institute	By Following ways: 1. RWH, Close the taps after usage 2. Maintenance and monitoring of valves in supply system to avoid overflow, leakage and spillage 3. Water Conservation awareness for new students by posters and policies.
29.	Record water use from the institute water meter for six months (record at the same time of each day). At the end of the period, compile a table to show how many liters of water have been used.	Calculation on the basis of Water Bill is shown below.

30.	Does your institute harvest rain water?	Single number of rain water Harvesting system are available.
31.	Is there any water recycling System.	No

S.No	Month	Water Consumption (KL)
1		50
2		30
3		60
4		52
5		50
6		45
7		40
8		50
9		60
10		65
11		70
12		70

11.5 CLEAN AIR

32	Are the Rooms in Campus are Well Ventilated?	Yes				
33	Window Floor ratio of the Rooms	Good				
	No. of vehicles	1	1	--	--	--
	Non-operational					
	No. of vehicles more than five years old	--	--	--	--	--
	No. of Air conditioned vehicles	--	--	--	--	1
	PUC done	--	--	--	--	yes
34	Specify the type of fuel used by your school's vehicles:	Total				
	Diesel			--		
	Petrol			--		
	CNG			--		
	LPG			--		
	Electric			--		
35	Air Quality Monitoring Program (If Any)	No monitoring is being done				
36	Students suffer from respiratory ailments? (If Any)	No				
37	Details of Genset	Yes, 1 Number of Genset ,5KVA; The capacities of DG is 5 KVA. Acoustic enclosure canopy and adequate stack height is under planning				

11.6 ENVIRONMENTAL LEGISLATIVE COMPLIANCE

38	Are you aware of any environmental Laws pertaining to different aspects of environmental management?	No
39	Does your institute have any rules to protect the environment? List possible rules you could include.	They have banned single use plastic. Their environment policy includes awareness, and environmental conservation efforts through Green Society and Department of Environmental Sciences. All under graduates are studying the paper of Environmental Sciences, prescribed by UGC.
40	Does Environmental Ambient Air Quality Monitoring conducted by the Institute?	NA
41	Does Water and Wastewater Quality monitoring conducted by the Institute?	No
42	Does stack monitoring of DG sets conducted	No

	by the Institute?	
43	Is any warning notice, letter issued by state government bodies?	No
44	Does any Hazardous waste generated by the Institute?	No
45	Does any Bio medical waste generated by the Institute? If yes explain its category and disposal method	No

11.7 GENERAL

46	Are you aware of any environmental Laws pertaining to different aspects of environmental management?	Yes
47	Does your institute have any rules to protect the environment? List possible rules you could include.	Yes, there are some rules like e banned single use plastic. Their Environmental Policy includes awareness and environmental conservation.
48	Does housekeeping schedule in your campus?	Yes, Swatch Bharat movement
49	Are students and faculties aware of environmental cleanliness ways? If Yes Explain	Yes, Periodically pollution reduction, plantation, energy conservation awareness campaigns carried out by institute
50	Does Important Days Like World Environment Day, Earth Day, and Ozone Day etc. eminent in Campus?	Yes
51	Does Institute participated in National and Local Environmental Protection Movement?	Yes, Swatch Bharat Abhiyan by students at campus.

52	Does Institute has any Recognition/certification for environment friendliness?	No
53	Does Institute using renewable energy?	Yes
54	Does Institution conducts a green/environmental audit of its campus?	Yes, This is first environmental audit done by the College.
55	Has the institution been audited / accredited by any other agency such as ISO, etc.?	Planning to Get the ISO

BEST PRACTICES/INITIATIVES FOR ENVIRONMENT

A	<p>Renewable Energy</p> <p>Solar panel to be installed at West Guwahati College of Education.</p> <p>A clean source of energy is utilized at campus.</p> <p>Efforts towards Carbon Neutrality</p>	
B	<p>Biodiversity Conservation</p> <p>Flora and fauna conservation</p>	<p>They have lush green campus which provides habitat to various species. Recently conducted bird count reports Indian peafowl, paraqueets, Sunbird, black kite, house crow, Humes wasbler, large billed crow, wood pecker, jungle babler, roofers trrpie, common tailor bird, Eurasian collar dove, oriental magpie Robin, bulbul, Green bee eater, brown headed green barbet, Brahmini Starling, Paro cistatus, Indian Robin.</p>
C	<p>Tree Plantation Drives</p> <p>Two Drives Annually as well as Every Guest is honored by Tree Plantation at Campus.</p>	<p>Yes, periodically the plantation drives by students and staff of campus.</p>
d	<p>Ground Water Recharge</p> <p>15 units of Rain Water Harvesting System.</p>	<p>Yes, 90% recharge of the rain water</p>
E	<p>Pollution Reduction Personal Vehicles (Students) not allowed at campus</p>	<p>Reduction in Air Pollution through vehicular emission.</p>
F	<p>E Waste Management</p> <p>Collection of e-waste by staff</p>	<p>E waste is sent to the authorized recyclers for adequate disposal</p>
G	<p>Solid Waste Management</p> <p>Lifting of garbage from campus on alternate day by</p>	<p>Yes, different mechanisms for proper disposal and recycling of e-waste,</p>

	Municipal Corporation.	plastic waste, biodegradable waste and MSW
H	Adoption of Village/society CSR	No, but the General Environmental awareness campaigns like Beat the Plastic initiated by campus.
I	Water Conservation	Yes, water saving push taps fitted in the drinking water zone and the toilets to avoid the wastage. They are re-using RO waste water in their washrooms.
j	Corporate Resource Center (CRC)	West Guwahati College of Education Corporate Resource Center (CRC) is dedicated to nurturing future leaders



RECOMENDATIONS

- Formation of Environment Policy and communicated to all faculties and other staff members.
- Environmental Monitoring i.e. (Ambient Air Quality monitoring, Stack Monitoring of DG sets, Water monitoring need to be conducted by State Pollution Control Committee or approved laboratory with frequency of six month.
- Reduction in use of paper work by go digital system.
- Water Meter should be installed at institute for monitoring of water consumption for landscape.
- Increase in Environmental promotional activities for spreading awareness at campus.
- As practically feasible avoid use of personal vehicles inside the campus.



CONCLUSION

This audit involved extensive consultation with all the campus team, interactions with key personnel on wide range of issues related to Environmental aspects. The West Guwahati College of Education has Environmental Committee for sustainable use of resources. Overall 60% of university campus is for landscaping. The audit has identified several observations for making the campus premise more environmental friendly. The recommendations are also mentioned with observations for campus team to initiate actions.

The audit team opines that the overall site is maintained well from environmental perspective. There is no major observations but few things are important to initiate urgently are waste management records by monthly inventory of hazardous waste, rainwater harvesting recharge; water balance cycle and periodic inspection of buildings housekeeping and environment policy.



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
- Internal Records of the Campus

SUMMARY OF GREEN SOCIETY

The Environment Society of West Guwahati College of Education, The Green Society, aims to spread awareness amongst students regarding the natural environment that they are a part of, and the impact of their everyday actions on it. We aim to protect the environment by spreading awareness to save energy, water, reducing use of disposable plastics, promoting reusable materials, planting saplings, etc. We believe that better world is not only within reach, but is being built today. We conduct environment friendly events which are not only intellectual, but also interactive and fun to attend. These include workshops, tree plantation drives, rallies, and online awareness campaigns, competitions such as Slam Poetry, Poster Making- online and offline and so on. The Society has also taken pride in being eco-friendly in every little way possible, starting from our paper free, online council elections

The green society focuses on utilizing the power of social media platforms for spreading awareness regarding environment conservation and protection. It has an active on different social media page on which all the events of the society and environment related posts are uploaded time to time.

AWARENESS BUILDING CUM ACTION			
Herbal garden	250 medicinal plants planted	Learning about herbs cum gardening	Learning through action
Clear and clean WGCE campus	Attempt to inculcate self-help in cleanliness	Allotted spaces maintenance	To internalize 'no litter and no shame in picking up litter'
Effects of mobile phone radiation on health	Survey about mobile usage in WGCE, Poster campaign; later activists to address issues	Currently awareness building	On green board
Effects of e-waste	Information campaign	To drive home good practices of disposing off e-goods	On green board

ANNEXURE - PHOTOGRAPHS OF ENVIRONMENT CONSCIOUSNESS

Weekly cleanliness drives organized by the students of Green Society.

GREEN SOCIETY 2022-23



Inter College competition on *Best out of Waste* organized by Green society



Active participation to build up the college nursery during 2022-2023 academic year.



BE CLEAN | BE HEALTHY !
BE KIND & WASH YOUR HANDS

A door to door awareness Campaign by

Twitter Instagram Facebook WhatsApp

Date : 12/05/2023

West Guwahati College of Education Pandu,
Templeghat, Ghy-12



Green Society set up a stall for selling biodegradable sanitary napkins, and hosted a slogan writing competition on 12th May 2023.

Suggestion for improvements and to adopt the method to arrange particular things with tag and photos;





ECO Drive to be organized by Campus –Active Participation by staff and students in Poster Competition, Environmental Quiz, Green Awareness Lectures

Various Campaigns for Water conservation, reduce plastic usage, Electricity conservation, No cracker campaign, Recycling of paper and Waste and much more

Environment Fair to be organized by campus, Green March by the Students

Roof top Solar System to be installed; Reverse Osmosis (RO) water purification system; Rain water harvesting (RWH) pits; Push Water Taps; Composting tanks in campus

TRANSPARENCY OF GREEN AUDIT REPORT

Green audit report is one of the useful means of demonstrating an organization/Institution's commitment to openness and transparency. If an Institute believes it has nothing to hide from its stakeholders, then it should feel confident enough to make its green audit reports freely available to those who request them. As a basic rule, green audit reports should be made available to all stakeholders.

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