

SIBSAGAR GIRLS' COLLEGE

Supporting Documents for NAAC Self Study Report (SSR) 3rd Cycle Period: 2017-2022

CRITERION 7	INSTITUTIONAL VALUES AND BEST PRACTICES
KEY INDICATOR 7.1	INSTITUTIONAL VALUES AND SOCIAL RESPONSIBILITY
METRIC 7.1.3	<p>Quality audits on environment and energy regularly undertaken by the Institution. The institutional environment and energy initiatives are confirmed through the following</p> <ol style="list-style-type: none">1. Green audit / Environment audit2. Energy audit3. Clean and green campus initiatives4. Beyond the campus environmental promotion activities



ESTD. 1964

**Re-accredited by NAAC
Upgraded to Model Degree
College by RUSA, MHRD,
Govt of India**

**Prepared and Submitted by
Sibsagar Girls' College
Sivasagar, Assam**



Website :

www.sibsagargirlscollege.org.in
Email : principalsgc@yahoo.co.in
Phone : 03772232778 (Office)



SIBSAGAR GIRLS' COLLEGE

Metric No. 7.1.3.:	Green audit / Environment audit/ Energy audit
---------------------------	--

GREEN AUDIT REPORT 2020-2022

Principal Incharge
Sibsagar Girls' College
Sivasagar 785640
Assam



Co-Ordinator
I.Q.A.C.
Sibsagar Girls' College

INTRODUCTION:

Green Audit (as the name suggests) is related to quantitative and qualitative assessment of greenery or environment. Green audit is defined as an official examination of the effects an entity/organisation has on the environment. It is also widely known as Environmental Audit. Green audit is all about institutional responsibility. It uncovers the truth about statements made by governments and companies with regard to the effects of environmental pollution. The aim of green audit is to review the measures taken by these entities to combat pollution.

Environmentally friendly measures are taken to reduce the carbon foot print by less printing of paper, video conferencing and interviews etc.

OBJECTIVES:

- Geographical mapping of the college.
- Minutes of the Committee constituted by Internal and External Members
- Follow up actions
- Environmental Quality Monitoring Report

METHODOLOGY:

The Sibsagar Girls' College Conducts Green and Energy audit to ensure a balance ecosystem. The methodology adopted for preparation of the Green and Energy audit includes: collection of data, physical inspection of the campus, observation and review of the documentation and data analysis. However, for the year 2020-21 M/S Green Tech Environmental Engineer and Consultants, Guwahati, Assam-781028 had been invited to conduct Green and Energy audit.

LOCATION OF SIBSAGAR GIRLS' COLLEGE:

The college has a **sprawling pollution-free campus spread over 5.3 acres** of land in the heart of the Sivasagar Town. The Sibsagar Girls' college has three campuses, Arts Campus, Science Campus and the Baniabari Campus.

FOLLOW UP ACTIONS:

FLORAL AND FAUNAL DIVERSITY:

Plantation area mentioned in the table provides ecosystem for various flora and fauna. Lists of both Flora and Fauna are given below-

A) Floral Diversity :

Sl. No.	Common/local name	Scientific Name	No of trees
1	Bokul (Spanish Cherry)	MimusopsElengi	14
2	Nahar	MesuaFerrea	x
3	Neem	AzadiractaIndica	14
4	Sewali (Jasmine)	Nyctanthes Arbor – tristis	7
5	Kothal (Jackfruit)	ArtocarpusHeterophyllus Lam	1
6	Krishna Sura (Gulmohar)	DelonixRegia	2
7	Mango	MangiferaIndica	10
8	Jamun	SyzygiumJambolanum	8
9	Pine	Genus Pinus	1
10	Cocunut	Cocos nucifera	1
11	Pear	PyrusCommunis	x
12	Amla (Indian Gooseberry)	PhyllanthusEmblica	6
13	Papaya	Carica Papaya	6
14	Hilikha	Terminalia Chebula	6
15	Rain Tree	AlbiziaSaman	4
16	Dalim (Pomegranate)	PunicaGranatum	2
17	Guava	QuisqualisIndica L.	6
18	Gul Nemu (Lemon)	Citrus Jambhini Lush	x
19	KajiNemu (Lemon)	Citrus Lemon	18
20	Debodaru	PolyathiaLongifoliaSonn	6
21	GhoraNeem (China Berry Tree)	Melia Azedarach	1
22	Thuja	ThujaOccidentalis Linn	8
23	Joba (Hibiscus)	Hibiscus rosa-sinensis	2
24	Titachopa	Micheliabaillonii	9
25	Segun	Tectona Grandis	8
26	Bowal	Ehretiaacuminata	4
27	Bogori	Ziziphusmauritiana	2
28	Jalpaii	Elaeocarpus serratus	2
29	Indian Pomelo	Citrus maxima	1
30	Kanchan	Bauhinia variegata	1
31	Norosingha	Murrayakoenigii	3
32	MumaiTamuli	Chrysalidocarpuslutescens.	2
33	Sthol-padmo	Hibiscus mutabilis	1
34	Aporajita	Clitoria ternatea	1
35	Baganbhelia	Bougainvillea glabra	8

36	Sotiona	Alstoniascholaris	3
37	Ximolu	Bombaxceiba	2
38	Bettlenut	Areca catechu	4
39	Bamboo	Bambusa vulgaris	One Grove
40	Sishu	Dalbergiasissoo	4

B) Faunal Diversity :

Sl. No.	Common/local name	Scientific Name	Tentative Numbers
	House Crow	Corvus splendens	RANDOM
	Sparrow	Passer domesticus	10 FLOCK
	Bulbul	Pycnonotus jocosus	RANDOM
	Spotted Dove	Spilopelia chinensis	4 NESTS
	Large-billed Crow)	Corvus macrorhynchos	RANDOM
	Common Tailorbird	Orthotomus sutorius	RANDOM
	Jungle Myna	Acridotheres fuscus	RANDOM
	Little Grebe	Tachybaptus ruficollis	RANDOM
	White-breasted Waterhen	Amaurornis phoenicurus	RANDOM
	Bronze-winged Jacana	Metopidius indicus	RANDOM
	Asian Openbill	Anastomus oscitans	RANDOM
	Baya Weaver	Ploceus philippinus	RANDOM
	Blue-tailed Bee-eater	Merops philippinus	RANDOM
	Blue-throated Barbet	Psilopogon asiaticus	RANDOM
	Common Iora	Aegithina tiphia	RANDOM

Scientific naming of plants species is being carried out.

Waste Disposal System:

The Sibsagar Girls' College has been conscious enough to make provisions for waste disposal system. For collection of solid waste, there are collection Drums placed in various sites of the college campuses. Sanitary Pads disposal system is also made available. Liquid waste disposal of Canteen and Hostel kitchen is being done through invitation of Livestock farmers of the fringe villages. MOU with Scrap vendors and farmers for collection of solid and liquid wastes have been done. Construction of a Vermicompost pit is underway. Awareness regarding solid waste disposal system among the students is carried out in the event of observance of World environment day. A local made incineration of non-biodegradable wastes is also in pipeline. Employees of office and departments are oriented to use minimum papers.

Rain water Harvesting and recycling of Water:

A rain water harvesting for next summer season is planned near the central Library. Generation of recyclable water is very meagre. Herbal Garden: Herbal Green is already in existence. As per suggestion more medical plants are planned for plantation.

Environmental quality monitoring:

Environmental quality monitoring has been done by the M/S GREEN TECH ENVIRONMENTAL ENGINEER & CONSULTANTS, GUWAHATI, ASSAM-

781028. TheEnvironmental Quality Monitoring Report-2020-21 has been annexed herewith.

Location maps :

Main Campus, Sibsagar Girls' College



Science Campus, Sibsagar Girls' College



Baniabari Campus, Sibsagar Girls' College



LAND USE DATA OF SIBSAGAR GIRLS' COLLEGE:

CATEGORIES OF LAND USE		AREA (m²)
PLANTATION AREA IN SQUARE METER		11108
BUILT UP AREA (INCLUDING ROADS) IN SQUARE METER		8044
ARTS CAMPUS	3948	
SCIENCE CAMPUS	3744	
BANIABARI CAMPUS	352	
TOTAL AREA		19152

(Calculated from Google Earth Pro)

NUMBERS OF BUILDINGS (Built-up area) at Sibsagar Girls' College:

SrNo	Name of Building	Number of Floors
1.	OLD ASSAM TYPE HERITAGE BUILDING	GROUND FLOOR
2.	ADMINISTRATIVE BUILDING (ASSAM TYPE)	GROUND FLOOR
3.	AUDITORIUM (OPEN)	01
4.	AUDITORIUM (CLOSED)	01
5.	RANGPUR CHATRI NIWAS (GIRLS' HOSTEL)	01
6.	RCC BUILDING-1 (ARTS CAMPUS)	02
7.	RCC BUILDING-2 (ARTS CAMPUS)	02
8.	RCC BUILDING-3 (LIBRARY-ARTS)	02

	CAMPUS)	
9.	RCC BUILDING-4 (UGC BLDG-ARTS CAMPUS)	02
10.	OLD RCC BUILDING-4 (SCIENCE CAMPUS)	02
11.	NEW RCC BUILDING-5 (SCIENCE CAMPUS)	02
12.	INDOOR STADIUM	01
13.	NEW RUSA RCC BUILDING-6 (SCIENCE CAMPUS)	02
14.	RCC BUILDING (BANIABARI CAMPUS)	GROUND FLOOR
16.	CANTEEN	GROUND FLOOR
17.	RCC BUILDING (COMPUTER CENTRE-BANIABARI CAMPUS)	02

Internal Committee for Green Audit:

1. Dr. Bimal Dutta
2. Inamul Hussain
3. Sanjay Das
4. Dr. Madine Hazarika
5. Barasha Rani Das

External Members:

1. Dr. Prabhat Chandra Nath
2. Dr. DimbeswarNath

Minutes: Minutes of the meeting dated 5/9/2020 are,

1. Assured provision of Solid and Liquid waste disposal system in college campus.
2. Linkage of Waste Disposal with Vermiculture.
3. Quick and safe disposal of Biodegradable and Non-Biodegradable wastes by means of MOU with scrap vendors (Plastic and Metal wastes) and Farmers (Livestock and Agriculture).
4. Wastes from chemicals i.e. Bottles and Bags may be used as Planting Pots.
5. Listing of Floral and Faunal Diversity of the campuses.
6. Plantation of Medicinal Plants by means of developing Herbal Gardens.
7. Scientific naming of Plants and faunal species again must be done.

8. Testing of water of various sites must be done.
9. Rain water harvesting and Recycling of water should be in place.
10. Soils of the campuses must be tested.
11. Imposition of Ban on use of Plastic Bottles must be done in a phased manner.
12. Conduct of a survey on number of teachers and students using bi-cycles.
13. Minimum use of papers in both official and departmental works.
14. Engagement of Eco-club in Environment Awareness activities among teachers and students.
15. Monitoring of Lower atmospheric parameters and its proper display for students.
16. Use of paper bags and cloth bags must be ensured in phased manner.
17. Renowned consultants working in the field of Environmental quality monitoring needs to be contacted for accurate and systematic study of environment.

ENVIRONMENTAL QUALITY MONITORING REPORT



SIBSAGAR GIRLS COLLEGE
শিবসাগৰ ছোৱালী কলেজ

Near Shiva Dol,
Sivasgar-785640, Assam

Date of Sampling
31/12/2020

Sampling & Analysis Done By:
M/s GREEN TECH ENVIRONMENTAL ENGINEER &
CONSULTANTS
GUWAHATI, ASSAM-781028

AMBIENT AIR QUALITY MONITORING
at
SIBSAGAR GIRLS COLLEGE



Date of Sampling:
31/12/2020

Sampling & Analysis Done By:
M/s GREEN TECH ENVIRONMENTAL ENGINEER & CONSULTANTS
GUWAHATI, ASSAM-781028



গ্ৰীনটেক্ এনভাইৰনমেন্টল ইঞ্জিনিয়াৰ এণ্ড কন্সালটেন্টছ
GREEN TECH ENVIRONMENTAL ENGINEER & CONSULTANTS

House No-11, Champaknagar, Narayan Path, Bhetapara, Guwahati-781028, www.greentecheec.in
Telefax: 0361-2300278 Mobile: 9435046677, 9954089052, E-mail: green_pranjal@hotmail.com, info@greentecheec.in



TC-5991

Format No.: GEEC/FM/48

TEST REPORT

ULR Number: TC5991200000001353F			
Test Report No.:	GEEC/FL/22/2020/12/29	Date:	11/01/2021
Customer Name	Sibsagar Girls College	Lab. ID No.:	GEEC/AA/2020/12/29
Address:	Near Shiva Dol, Sivasagar-785640, Assam	Date of Sampling:	31/12/2020
Sampling Location:	In front of the Main Building	Ambient Temperature:	Max. Min. 25.7°C 09.8°C
Weather Condition:	Calm and Clear		
Sampling Condition:	In GF/A, PTFE Filter Paper & Plastic Bottle	Date of Sample Receipt:	01/01/2021
Monitored By:	Mr.Dilip Kr Deka	Test Start Date:	01/01/2021
Equipments Details:	RDS & ADS Sampler	Test End Date:	04/01/2021

AMBIENT AIR QUALITY

Sampling and Analysis carried out as per GEEC/SOP/01

Sl. No.	Parameters	Unit	Results	Limits	Test Method
1	Particulate Matter (PM ₁₀)	µg/m ³	59	100	IS 5182(23)
2	Particulate Matter (PM _{2.5})	µg/m ³	40	60	GEEC/SOP/01 USEPA FRM 40CFR
3	Sulphur Dioxide (SO ₂)	µg/m ³	6	80	IS 5182(2)
4	Nitrogen Dioxide (NO ₂)	µg/m ³	11	80	IS 5182(6)

*****End of Report*****

<p>Checked by: <i>Belinda Lahon</i> Dr. Belinda Lahon Quality Manager</p>		<p>Reviewed by: <i>Pranjal Buragohain</i> Pranjal Buragohain Authorised Signatory</p>
---	---	---

* The results relate only to the item tested.

* The test report shall not be reproduced except in full, without written approval of the laboratory.

* The test report cannot be used as an evidence in a court of law without prior written approval of the laboratory.

NOISE LEVEL MONITORING at SIBSAGAR GIRLS COLLEGE






Date of Sampling
31/12/2020

Sampling & Analysis Done By:
M/s GREEN TECH ENVIRONMENTAL ENGINEER & CONSULTANTS
GUWAHATI, ASSAM-781028



Format No: GEEC/FM/47B

ULR: TC5991200000001352F					
Report No: GEEC/FL/32/NLM/2020/12/28		Date:		11/01/2021	
Name of the Industry:	Sibsagar Girls College	Lab Id:	GEEC/NLM/2020/12/28		
Address:	Near Shiva Dol, Sivasagar-785640, Assam				
Noise Level Report (Ambient Noise)					
Monitoring Location:	College Campus Sibsagar Girls College	Date of Monitoring	31/12/2020		
Weather:	Calm & Clear	Model	SWAN-308		
Monitored by:	Mr.Dilip Kr. Deka	Sl.No.:	573002		
Measurement Results					
Sl. No.	Location	Time	Sound Parameters (dBA)		
			Leq	Lmin	Lmax
1	Near Main Gate	Day Time 15:00:53 Hrs to 15:21:53 Hrs	62.3	53.4	71.2
2	College Corridor	Day Time 15:23:13 Hrs to 15:40:23 Hrs	49.7	42.9	63.5
3	Rongpur Chatri Nivas Garden (Girl's Hostel)	Day Time 15:43:43 Hrs to 15:54:53 Hrs	48.3	39.9	51.4
Remark	CPCB Limit for Commercial Area: Day Time Leq < 65 dBA,				
Checked by  Dr. Belinda Lahon Quality Manager				Reviewed by:  Pranjal Buragohain Authorised Signatory	

The results relate only to the item tested.

The test report shall not be reproduced except in full, without written approval of the laboratory.

The test report cannot be used as an evidence in a court of law without prior written approval of the laboratory.

Sound Level Monitoring at SIBSAGAR GIRLS COLLEGE



Date of Sampling
31/12/2020

Sampling & Analysis Done By:
M/s GREEN TECH ENVIRONMENTAL ENGINEER & CONSULTANTS
GUWAHATI, ASSAM-781028



গ্ৰীণটেক্ এনভাইৰনমেন্টল ইঞ্জিনিয়াৰ এণ্ড কন্সালটেন্টছ
GREEN TECH ENVIRONMENTAL ENGINEER & CONSULTANTS

House No-11, Champaknagar, Narayan Path, Bhetapara, Guwahati-781028, www.greentecheec.in
Telefax: 0361-2300278 Mobile: 9435046677, 9954089052, E-mail: green_pranjal@hotmail.com, info@greentecheec.in



TC-5991

Format No: GEEC/FM/47B

ULR: TC599120000001351F			
Report No: GEEC/FL/32/SLM/2020/12/29		Date:	11/01/2021
Name of the Industry:	Sibsagar Girls College	Lab Id:	GEEC/SLM/2020/12/29
Address:	Near Shiva Dol, Sivasagar-785640, Assam		
SOUND LEVEL REPORT			
Monitoring Location:	DG (30KVA) Model:330501m P.Sr.No.88 Make: Kirloskar	Date of Monitoring	31/12/2020
Weather:	Calm & Clear	Model	SWAN-308
Monitored by:	Mr.Dilip Kr. Deka	Sl.No.:	573002
Measurement Results			
Sl. No.	SOUND PRESSURE LEVEL dB (A)		
	1 m from DG Set with DG Set with acoustic Enclosure in Open Condition	1 m from DG Set with DG Set with acoustic Enclosure in closed Condition	
1	87.3	74.8	
Remark	Insertion loss is 12.5 dB (A) and CPCB Limit or insertion loss < 25 dB (A)		
Checked by Dr. Belinda Lahon Quality Manager			Reviewed by: Pranjal Buragohain Authorised Signatory

The results relate only to the item tested.

The test report shall not be reproduced except in full, without written approval of the laboratory.

The test report cannot be used as an evidence in a court of law without prior written approval of the laboratory.



Format No: GEEC/FM/47B

ULR: TC5991200000001351F			
Report No: GEEC/FL/32/SLM/2020/12/29		Date:	11/01/2021
Name of the Industry:	Sibsagar Girls College	Lab Id:	GEEC/SLM/2020/12/29
Address:	Near Shiva Dol, Sivasagar-785640, Assam		
SOUND LEVEL REPORT			
Monitoring Location:	DG (15 KVA) Model:3255GM Genset No: 11-12/009 Make: Joysree Generator	Date of Monitoring	31/12/2020
Weather:	Calm & Clear	Model	SWAN-308
Monitored by:	Mr.Dilip Kr. Deka	Sl.No.:	573002
Measurement Results			
Sl. No.	SOUND PRESSURE LEVEL dB (A)		
	1 m from DG Set with DG Set with acoustic Enclosure in Open Condition	1 m from DG Set with DG Set with acoustic Enclosure in closed Condition	
1	90.2	73.9	
Remark	Insertion loss is 16.3 dB (A) and CPCB Limit or insertion loss < 25 dB (A)		
Checked by  Dr. Belinda Lahon Quality Manager			Reviewed by:  Pranjal Buragohain Authorised Signatory


The results relate only to the item tested.

The test report shall not be reproduced except in full, without written approval of the laboratory.

The test report cannot be used as an evidence in a court of law without prior written approval of the laboratory.



Format No: GEEC/FM/47B

ULR: TC5991200000001351F			
Report No: GEEC/FL/32/SLM/2020/12/29		Date:	11/01/2021
Name of the Industry:	Sibsagar Girls College	Lab Id:	GEEC/SLM/2020/12/29
Address:	Near Shiva Dol, Sivasagar-785640, Assam		
SOUND LEVEL REPORT			
Monitoring Location:	DG (15 KVA) Model: KES15II No. IND16A0023 Make: KOHLER POWER SYSTEMS	Date of Monitoring	31/12/2020
Weather:	Calm & Clear	Model	SWAN-308
Monitored by:	Mr. Dilip Kr. Deka	Sl.No.:	573002
Measurement Results			
Sl. No.	SOUND PRESSURE LEVEL dB (A)		
	1 m from DG Set with DG Set with acoustic Enclosure in Open Condition	1 m from DG Set with DG Set with acoustic Enclosure in closed Condition	
1	94.2	74.1	
Remark	Insertion loss is 20.1 dB (A) and CPCB Limit or insertion loss < 25 dB (A)		
Checked by <i>Blahon</i> Dr. Belinda Lahon Quality Manager			Reviewed by: <i>Pranjal Buragohain</i> Pranjal Buragohain Authorised Signatory

The results relate only to the item tested.

The test report shall not be reproduced except in full, without written approval of the laboratory.

The test report cannot be used as an evidence in a court of law without prior written approval of the laboratory.

Water Sampling
at
SIBSAGAR GIRLS COLLEGE



Date of Sampling 31/12/2020

Sampling & Analysis Done By:
M/s GREEN TECH ENVIRONMENTAL ENGINEER & CONSULTANTS
GUWAHATI, ASSAM-781028



TEST REPORT

ULR NO.: TC59912000001354P			
Ref. No.: GEEC/WS/2020/12/30		Date of Reporting:	11/01/2021
Customer Name:	Sibsagar Girls College	Lab. ID No.:	GEEC/WS/2020/12/30
Customer Address:	Sivasagar Girls College Near Shiva Dol Sivasagar 785640, Assam	Date of Sampling:	31/12/2020
Sampling Location:	Purifier Tap	Sample Receipt Date:	01/01/2021
Sample Description:	Water	Test Start Date:	02/01/2021
Sample Drawn By:	Client	Test Completion Date:	08/01/2021
Sample Condition:	Sealed	Sampling Method:	-----

SL. NO.	DESCRIPTION	METHOD	UNIT	RESULTS	IS-10500:2012	
					Requirement (Acceptable Limit)	Permissible Limit in the absence of alternate source
1	Alkalinity	IS 3025 Part 23 1986(RA:2019)	mg/l	148	200	600
2	Calcium	IS 3025 Part 40 1991(RA:2014)	mg/l	14.4	75	200
3	Chloride	IS 3025 Part 32 1988(RA:2014)	mg/l	7.9	250	100
4	Chromium	IS 3025 Part 52 2003(RA:2014)	mg/l	< 0.05	0.05	No relaxation
5	Colour	IS 3025 Part 4 1983(RA:2017)	Hazen	1	5	15
6	Conductivity	IS 3025 Part 14 1984(RA:2013)	µs/cm	0.29	-	-
7	Copper	IS 3025 Part 42 1992(RA:2014)	mg/l	< 0.05	0.05	1.5
8	Iron	IS 3025 Part 53 2003(RA:2014)	mg/l	0.14	0.30	No relaxation
9	Lead	IS 3025 Part 47 1994(RA:2014)	mg/l	< 0.01	0.01	No relaxation
10	pH	IS 3025 Part 11 1983(RA:2017)	-	7.09	6.5 - 8.5	No relaxation
11	Sulphate	IS 3025 Part 24 1986(RA:2019)	mg/l	13.1	200	400
12	TDS	IS 3025 Part 16 1984(RA:2017)	mg/l	159	500	2000
13	Turbidity	IS 3025 Part 10 1984(RA:2017)	NTU	1	1	5

The parameters from Sl. No. 14 to 16 are not under the scope of NABL accreditation.

14	Hardness	IS 3025 Part 21 2009(RA:2019)	mg/l	70.4	200	600
15	Temperature	-----	°C	29.2	-----	-----
16	Total coliform	HiMedia Kit	MPN/100ml	Absent	Absent	Absent
17	E. coli	APHA 23rd Edition, 2017	MPN/100ml	Absent	Absent	Absent

***** End of Report *****

Checked by:

Belinda

Dr. Belinda Lahon
Quality Manager



Reviewed by:

Pranjal

Mr. Pranjal Buragohain
Authorised Signatory

* The results relate only to the item tested.

* The test report shall not be reproduced except in full, without written approval of the laboratory.

* The test report cannot be used as an evidence in a court of law without prior written approval of the laboratory.



CERTIFICATE

This is to Certify that the Management System of

GREEN TECH ENVIRONMENTAL ENGINEER & CONSULTANTS

HOUSE NO. 11, CHAMPAKNAGAR, NARAYAN PATH BHETAPARA / BARSAJAI,
GUWAHATI, ASSAM PIN-781028, INDIA

has been found to conform to the Quality Management System standard:

ISO 9001:2015

This certificate is valid for the following scope of operations:

**ENVIRONMENTAL MONITORING, ANALYSIS AND
TESTING SERVICES**

IAF Code: 34

NACE Code: 71.20

:: Certificate No :: IN120791A

<u>Date of initial registration</u>	<u>Date of this Certificate</u>	<u>Surv. audit on or before / Certificate expiry</u>	<u>Recertification Due</u>
10 June 2022	10 June 2022	09 June 2023	09 June 2025

This Certificate remains valid subject to satisfactory surveillance audits.



Director



For verification and updated information concerning the present certificate visit to www.lmsassessments.com

This Certificate is the property of LMS Certifications Private Limited and shall be returned immediately when demanded.



CB-QMS-006

LMS Certifications Private Limited
1, Ananddham, Opp. Kukrail Picnic Spot Gate,
Faridi Nagar, Lucknow - 226015, U.P. (INDIA).
Phone : +91-9554645464
Visit :- www.lmsassessments.com
E-mail :- info@lmsassessments.com

LMS/FM/001/QM/REV06



SIBSAGAR GIRLS' COLLEGE

Metric No. 7.1.3.:	Green audit / Environment audit/ Energy audit
---------------------------	--

ENERGY AUDIT REPORT 2021-2022

Principal Incharge
Sibsagar Girls' College
Sivasagar 785640
Assam



Co-Ordinator
I.Q.A.C.
Sibsagar Girls' College

M/S FARUK ELECTRICAL

Govt. Enlisted and Regd. Electrical Contractor, supervisor and supplier Working for LT, HT and up to 11 KV line under ASED, PWD. (Specialist in Electrical Contractor for APDCL) DARBAR ROAD, SIVASAGAR-785640 (ASSAM)

Electrical Supervisor No. 13660 License Contractor No. 6251

Ref. no. FE/C/2022/02 Date.. 04.05.2022.

CERTIFICATE

This is to certify that Energy Audit was conducted at Sibsagar Girl's College, Sivasagar from 27th to 30th. of March 2022. . The summery of the energy audit report are as listed below :

Location of the College :

SIBSAGAR GIRL'S COLLEGE
DOL MUKH SIVASAGAR, ASSAM
PIN-785640

Sl. No	Description of the Building	Units / Parameters	Values
1	Connected Load	KW	53
2	Connected Demands	KVA	63
3	Installed capacity of DG Set	KVA	15
4	Annual electricity consumption	KWA	39192
	Annual cost of electricity consumption @ 7.700 unit, 6.55 unit.	Rs.	282224
	Fixed Charge, Surcharge, late fees (As per Bill)	Rs.	135000
	Total cost of electricity (as per Bill) including all the component	Rs.	417224
	Annual cost of electricity consumption through DG set (Considering Rs. 5,000/- Month Diesel Charges)	Rs.	60000
	Total cost of electricity (Utility + DG set)	Rs.	477224
5	Number of building	No	6
6	Working hours (Academic and Administration building)	HRS	8 Hrs (9 AM To 5 PM)
7	Working hours (Hostel building)	HRS	24 X 7
8	Working Days/week of the college	DAYS	6 Days.
9	Whether sub-metering of electricity consumption for each building	No	No Sub- Meter

Faruk Hussain

M/S FARUK ELECTRICAL
Electrical Contractor
Regd. No. - 6251
Darbar Road, Sivasagar

M/S FARUK ELECTRICAL

Govt. Enlisted and Regd. Electrical Contractor, supervisor and supplier Working for LT, HT and up to 11 KV line under ASEB, PWD & ONGCL. (Specialist in Electrical Contractor for BSNL, APDCL & L&T) DARBAR ROAD, SIVASAGAR-785640 (ASSAM)

Electrical Supervisor No. 13660 License Contractor No. 6251

:: Monthly energy consumption and energy bill of Sibsagar Girl's College, Sivasagar areas follows

SL.No	Description of the Building	Units/ Parameter	Values
01.	Monthly average consumption	KWH/ month	3266
02.	Monthly average energy consumption cost @ .6.55 & 7.700 . and including fixed charges as applicable	Rs./month	23519
03.	Annual energy consumption	KWh/annum	282224
04.	Connected load	kw	53
05.	Average P.F. maintained		99

Faruk Hussain

M/S FARUK ELECTRICAL
Electrical Contractor
Regd. No. - 6251
Darbar Road, Sivasagar



SIBSAGAR GIRLS' COLLEGE

Metric No. 7.1.3. : CLEAN AND GREEN CAMPUS INITIATIVES



OBSERVANCE OF WORLD ENVIRONMENT DAY

Principal Incharge
Sibsagar Girls' College
Sivasagar 785640
Assam



Co-Ordinator
I.Q.A.C.
Sibsagar Girls' College



SIBSAGAR GIRLS' COLLEGE

Metric No. 7.1.3. : CLEAN AND GREEN CAMPUS INITIATIVES



CAMPUS CLEANING PROGRAMME

Principal Incharge
Sibsagar Girls' College
Sivasagar 785640
Assam



Deepjonali Bhuyan

Co-Ordinator
I.Q.A.C.
Sibsagar Girls' College



SIBSAGAR GIRLS' COLLEGE

Metric No. 7.1.3. : CLEAN AND GREEN CAMPUS INITIATIVES



Cleanliness and Plantation Drive

Principal Incharge
Sibsagar Girls' College
Sivasagar 785640
Assam

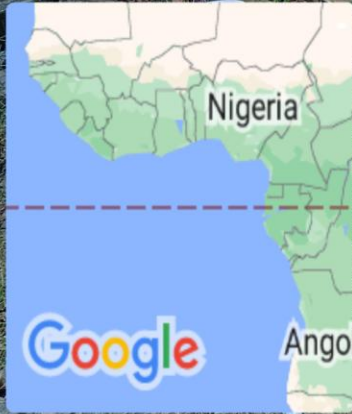


Co-Ordinator
I.Q.A.C.
Sibsagar Girls' College



SIBSAGAR GIRLS' COLLEGE

Metric No. 7.1.3. : CLEAN AND GREEN CAMPUS INITIATIVES



Sivasagar, Assam, India
XJQM+7G4, Sivasagar, Assam 785640, India
Lat 26.987902°
Long 94.633763°
28/03/22 03:13 PM

Plastic Free Zone


Principal Incharge
Sibsagar Girls' College
Sivasagar 785640
Assam




Co-Ordinator
I.Q.A.C.
Sibsagar Girls' College



SIBSAGAR GIRLS' COLLEGE

Metric No. 7.1.3. :

BEYOND THE CAMPUS ENVIRONMENTAL PROMOTION ACTIVITIES



Plantation Drive at Baniabari Campus

Principal Incharge
Sibsagar Girls' College
Sivasagar 785640
Assam



Deepsonalini Bhuyan

Co-Ordinator
I.Q.A.C.
Sibsagar Girls' College



SIBSAGAR GIRLS' COLLEGE

Metric No. 7.1.3. :

BEYOND THE CAMPUS ENVIRONMENTAL PROMOTION ACTIVITIES



Cleanliness Drive at Shiva Temple

Principal Incharge
Sibsagar Girls' College
Sivasagar 785640
Assam



Deepjyoti Bhuyan

Co-Ordinator
I.Q.A.C.
Sibsagar Girls' College



SIBSAGAR GIRLS' COLLEGE

Metric No. 7.1.3. :

**BEYOND THE CAMPUS ENVIRONMENTAL PROMOTION
ACTIVITIES**



Celebration of World Environment Day at adopted village

Principal Incharge
Sibsagar Girls' College
Sivasagar 785640
Assam



Co-Ordinator
I.Q.A.C.
Sibsagar Girls' College