

Date: 17/04/2023

To whom it may concern

HOI Certificate for DVV Metric 7.1.2

The undersigned certifies that the information provided as SSR-DVV for Metric 7.1.2 in the document attached is true to the best of her knowledge.

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

Principal
Gokhale Memorial Girls' College

The facilities in the institution for the management of the various types of degradable and non-degradable waste

The Gokhale Memorial Girls' College has given priority to protect environment, health and well-being through implementation of effective waste management practices such as segregation and proper disposal of the wastes. Our house keeping staff, gardeners and sweepers help in segregation of various kinds of wastes. We are also able to grow consciousness among students, staff and faculty members for generating less wastes. The following facilities in the institution are available for the management of the various types of degradable and non-degradable wastes.

S. No.	Management of Degradable and non Bio degradable Waste	Facilities available in our institution
1.	Solid waste Management	Littering is strictly prohibited. All solid wastes are collected in waste bins kept in different floors of the college building and in the college open ground. These wastes are then taken away by the Kolkata Municipal Corporation workers and duly disposed. Sanitary waste is strictly collected in bins maintained in the washrooms and toilets and systematically disposed as well.
2.	Liquid waste Management	Water is precious for living being, if not managed properly, will result in shortages in the near future. Moreover, contamination of water leads to health hazardous and imbalances the aquatic ecosystems. Regular maintenance is kept of taps, drainage and water pipelines. As the institute is located in the Kolkata Municipal Corporation (KMC), the liquid drainage system (sewerage system) of the KMC is used for the institute's liquid waste disposal purpose. Institute pays the required fee regularly to the KMC.
3.	E-waste Management	There are some specific locations in which e-wastes are deposited and the same is taken away by the Kolkata Municipal Corporation workers and duly disposed. College has also collaborated with WEBEL for e-waste collection.
4.	Hazardous Chemicals Waste Management	Our campus is free from any kind of hazardous chemical waste. Hazardous chemicals and by-products of the Chemistry Lab and the Physics Lab are duly collected and disposed carefully according to disposal norms. Micro scale technique is used in the laboratories where chemicals are used for the studies at our institution to reduce the wastage

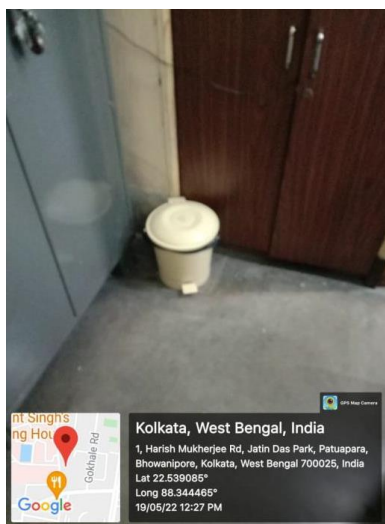
		of chemicals. Neutralization process is also used to dilute the solutions. We adopt the theory “Prevention is better than cure” to minimize the chemical waste.
5.	Segregation of Waste	The waste is manually segregated into biodegradable and nonbiodegradable waste and handed over to Kolkata Municipal Corporation and other certified agencies for disposal.

1. Solid waste management

The Gokhale Memorial Girls’ College takes utmost care for the solid waste management. For maintenance of cleanliness and hygiene, waste bins are kept at several spots in the premises including the college ground to prevent littering and efficient collection of canteen, garden and office waste. Thereafter, the solid waste is segregated as bio-degradable and non-degradable and handed over to Kolkata Municipal Corporation for further processing. Segregation of waste into dry and wet waste from the separately allotted dustbins is done in strategic locations, thus maintaining the Campus clean and Eco-friendly. The use of single-use plastic carry bags is strictly prohibited on the campus. Students and staff are advised to bring cloth bags. Moreover, the debris of new construction and steel waste is disposed through Public Works Department (PWD), Govt. of West Bengal.

Evidences of bins kept at different places to collect wastes





Evidences of awareness campaign through pestering with aim to make the college campus “Single use plastic free zone” and encouraging faculties, staffs and students to use cotton bags.



2. Liquid waste management

Water is precious for living being, if not managed properly, will result in shortages in the near future. Contamination of water leads to health hazardous and imbalances the aquatic ecosystems. Regular maintenance is kept of taps, drainage and water pipelines. As the institute is located in the Kolkata Municipal Corporation (KMC), the liquid drainage system (sewerage system) of the KMC is used for the institute’s liquid waste disposal purpose. Institute pays the required fee regularly to the KMC.

Liquid waste is generated from science laboratories, washrooms and canteen.

Liquid wastes generated by the college are of two types:

- a. Sewage waste.
- b. Laboratory, residential washing and canteen effluent.

The liquid drainage system (sewerage system) of the KMC is used for the institute's liquid waste disposal purpose. Moreover, neutralization process is used to dilute the solutions. The heavy metal ions containing liquid waste is further treated with soda to remove any heavy metal ions as insoluble metal carbonate.

Evidences of sewage system in our college



Separate collection of liquid waste produced in the laboratory



3. E-waste management

With the proliferation of electronic devices, the rapidly growing e-waste is one of the major challenges especially for their systematic disposal. Our college has very efficient mechanism to dispose e-wastes generated from various sources such as physics labs, chemistry lab and administrative offices. The e-waste includes out of order equipment or obsolete lab instruments in order upgradation of course curriculum, circuits, desktops, laptops and accessories, printer, charging and network cables, Wi-Fi devices, cartridges, LCD/LED display units, UPS, Biometric Machine, scientific instruments etc. All these wastes are put to optimal use. All such equipment which cannot be reused or recycled anymore are being disposed of through authorized vendors. There is a specific location in which e-waste is deposited and the same is taken away by the Kolkata Municipal Corporation workers and duly disposed. College has also collaborated with WEBEL for e-waste collection.

Evidences of E-waste management in our institution



Evidences of systemic disposal of E-waste

Gokhale Memorial Girls' College

GMGC/E- Waste /AEE/WBPCB/2022-23/154

Date : 30.06.2022



To
The Assistant Env. Engineer
West Bengal Pollution Control Board,
Paribesh Bhavan,
10A, Block-LA, Sector III, Bidhannagar,
Kolkata-700106,



Sub: Submission of E-Waste Return for 2021-22

Sir,

I am writing this letter with reference to the email sent from your office to the official email address of our college on 26th of April, 2022 regarding the submission of annual e-waste return for the year 2021-22. It is my pleasure to inform you that in compliance with the Electrical and Electronic Waste Management Rules, 2016 our institution has submitted annual e-waste return for 2021-22 through the portal of www.wbocmms.nic.in on 30th of June, 2022 and the present status of filing e-waste return as per the website is "In Progress". To ensure that the e-waste return is processed properly and in time, I also wish to submit the same to your office in hardcopy.

Therefore, I request you to accept my application along with the attached documents and process them as per the rules.

Thanking You,

Yours sincerely,

Dr. Atashi Karpah
Principal
Gokhale Memorial Girls' College,

Principal
Gokhale Memorial Girls' College

Authenticated.

Principal
Gokhale Memorial Girls' College

13 APR 2023

1/1 Harish Mukherjee Road, Kolkata - 700 020
Phones : 2223-2355, 2223-8287, 2223-0027 • E-mail-gokhalecollegokolkata@gmail.com:
website - www.gokhalecollegokolkata.edu.in

47 PM

Application For Authorization

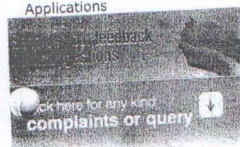
Online Consent Management & Monitoring System

West Bengal Pollution Control Board
(Department of Environment, Govt. of West Bengal)



Home
Consent Management
Bio-Medical Waste Authorization
Batteries Registration Authorization
E-waste Registration Authorization
Hazardous Waste Authorization
Plastic Registration
Solid Waste Management Authorization
Construction & Demolition Authorization
Environmental Statement
Monitoring Report
Hazardous Chemicals
Logout

- E-Waste Authorization
- Filing of E- Waste Return
- E-Waste Return List
- Profile Update
- Delete e-Waste Inprogress Applications
- Delete e-Waste Inprogress E-Waste Annual Return Applications



E-Waste Return

Details of E-Waste Return

Name of the Producer or manufacturer or refurbisher or dismantler or recycler : GOKHALE MEMORIAL GIRLS' COLLEGE
Address : 1/1 HARISH MUKHERJEE ROAD, KOLKATA-700020
Name of the Authorized Contact person : DR. ATASHI KAPHA
Designation of the Authorized Contact person : PRINCIPAL
Address of the Authorized Contact person : 1/1/108 KAILASH GHOSH ROAD, KOLKATA-700008
Mobile No. : 9830456984
Fax No. With Code : -
Email of the Authorized Contact person : gokhalecollegekolkata@gmail.com
Details of e-waste collected or channelised: [View](#)
Details of Name and Address of the Destination: [View](#)
Details of Material Segregated or Recovered from E-Waste: [View](#)

Edit

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Authenticated
Atashi Kapha
Principal
Gokhale Memorial Girls' College

13 APR 2023

4. Hazardous chemicals waste management

Our campus is free from any kind of hazardous chemical waste. Hazardous chemicals and by-products of the Chemistry Lab and the Physics Lab are duly collected and disposed carefully according to disposal norms. Various types of chemicals are used in chemistry labs for number of experiments as per curriculum of University of Calcutta. Some might be hazardous while others may not. Micro scale technique is used in the laboratories where chemicals are used for the studies at our institution to reduce the wastage of chemicals. Neutralization process is also used to dilute the solutions. We adopt the theory “Prevention is better than cure” to minimize the chemical waste. Chemistry Department is responsible for disseminating information on hazardous materials being used in the laboratories. Accordingly, the faculty members of the said departments educate the students regarding the safety and security in the laboratories and to segregate the chemical waste. Moreover, the students are being educated to recognize the hazardous chemical. As the amount of hazardous waste is nil or very negligible amount in our college, there is not facility developed to transport and manage it in proper place.

Evidences for the collection of hazardous chemical waste



5. Segregation of Waste

The waste is manually segregated into biodegradable and non-biodegradable waste and handed over to Kolkata Municipal Corporation and other certified agencies for disposal. The segregation of the waste is conducted by housing keeping staff together with the NSS unit of our college.

Photographic Evidences of segregation of waste into biodegradable and non-biodegradable waste



Photographic evidences showing disposal of waste by KMC workers



Evidences related to proper disposal of various waste by KMC workers

V. No. : 21-22/ 565

GOKHALE MEMORIAL GIRLS' COLLEGE
PETTY CASH DEBIT VOUCHER

Date: 05/03/2022

A/c Cleaning & Sweeping

Pay to	Rs.	P.
<u>Bikram Das</u>	600	00
<u>Being the amount paid to</u>		
<u>above for cleaning &</u>		
<u>sweeping for month of February</u>		
<u>2022.</u>		
<u>Rupees Six hundred only:</u>	600	00

Accountant / Head Clerk

Passed by
Checked & Verified

Principal / Bursar

Received Payment
Bikram Das
Signature

छरवरी महिना - गरमज पकने का काम
रु० 600/-
5.3.2022
Bikram Das

Authenticated.
Principal
Gokhale Memorial Girls' College

13 APR 2023

V. No.: 21-22/

211

Date 21/01 2022

Pay to Bikram Das

Dr.

Debit A/c	Rs.	P.	Rs.	P.
Cleaning & sweeping charges (Being the amount paid for the period of December 2021 & Jan- uary 2022)				
	Total Rs.		1,200	00

In Payment of_

By Cheque No. 536110 Date 21/01/2022

Rupees (in words) One thousand two hundred only

Signature

Checked & Verified

Accountant / Head Clerk

Principal / Bursar

Hony. Secretary / Hony. Treasurer

গোয়েল বেঙ্গালিয়ান গান্ধী, বনেন্দ্র

কোম্বা - ২০

আবহাণে বাহিরে ফেলি আকার দখল
 ডিজেন্ডার, ব্রাজে মনু, ব্রাজিক বেতন ফেল
 বিলোম ইমকৃত হবা,

2R 211

Dec 21 600
Jan 22 600
1200

Bikram Das

3 APR 2023

Authenticated
Principal
Gokhale Memorial Girls' College