

EDUCATE



ESTD : 1981

ORGANISE

Bharatha Ratna

# Dr. B.R. AMBEDKAR MEDICAL COLLEGE & HOSPITAL

(Founded by : Ananda Social & Educational Trust)

(Recognised by the MCI / NMC & Affiliated to RGUHS / Bangalore University)

AGIATE



AMC/ PRI/ 247 /2022-23

DATE: 28.01.2023

To,

The Senior Environmental Officer  
Karnataka State Pollution Control Board  
Nisarga Bhavan, 3<sup>rd</sup> Floor, Thimmaiah Road,  
7<sup>th</sup> D Cross, Opp. Pushpanjali Theatre,  
Bengaluru -560010.

Respected Sir,

**SUB:** Submission of Annual report from Jan 2022 – Dec 2022  
[BMW & SOLID WASTE report].

With reference to the above subject, hereby we are submitting the  
Annual report from 1<sup>ST</sup> Jan 2022 – 31<sup>ST</sup> Dec 2022 of BMW & SOLID  
waste generated at our hospital. Kindly do the needful.

Thanking you,

*[Handwritten Signature]*  
28/01/2023

PRINCIPAL

PRINCIPAL  
Dr. B.R. Ambedkar Medical Colleg  
Kadugondanahalli, Bangalore-560 045

**Form - IV**  
**(See rule 13)**  
**ANNUAL REPORT**

[To be submitted to the prescribed authority on or before 30th June every year for the period from January to December of the preceding year, by the occupier of health care facility (HCF) or common bio-medical waste treatment facility (CBWTF)]

Sl. No.	Particulars	:	
1	Particulars of the Occupier	:	
	(i) Name of the authorised person (occupier or operator of facility)	:	Dr. B. R. Ambedkar Medical College & Hospital Principal - Dr. B.S. Ramesh
	(ii) Name of HCF or CBMWTF	:	Dr. B. R. Ambedkar Medical College
	(iii) Address for Correspondence	:	No. 24, Kadugondanahalli, Bengaluru, Karnataka – 560045.
	(iv) Address of Facility	:	No. 24, Kadugondanahalli, Bengaluru, Karnataka – 560045.
	(v) Tel. No, Fax. No	:	080-2822323 / 080-25476498
	(vi) E-mail ID	:	<a href="mailto:drbramc@yahoo.co.in">drbramc@yahoo.co.in</a>
	(vii) URL of Website	:	<a href="https://bramc.edu.in">https://bramc.edu.in</a>
	(viii) GPS coordinates of HCF or CBMWTF	:	
	(ix) Ownership of HCF or CBMWTF	:	Ananda Social and Educational Trust
	(x). Status of Authorisation under the Bio-Medical Waste (Management and Handling) Rules	:	Authorisation No.: <u>PCB/WMC/BMW (BCE)/4/2021 dated-17 March 2022</u> valid up to <u>30.06.2026</u>
(xi). Status of Consents under Water Act and Air Act	:	AW -330288 Valid up to: <u>30.06.2026</u>	
2	Type of Health Care Facility	:	
	(i) Bedded Hospital	:	No. of Beds: 402
	(ii) Non-bedded hospital (Clinic or Blood Bank or Clinical Laboratory or Research Institute or Veterinary Hospital or any other)	:	Not Applicable (NA)
	(iii) License number and its date of expiry	:	NA
3	Details of CBMWTF	:	
	(i) Number healthcare facilities covered by CBMWTF	:	NA
	(ii) No of beds covered by CBMWTF	:	NA
	(iii) Installed treatment and disposal capacity of CBMWTF	:	NA
	(iv) Quantity of biomedical waste treated or disposed by CBMWTF	:	NA
4	Quantity of waste generated or disposed in Kg per annum (on monthly average basis)	:	Yellow Category: 5601.62 Kg/Year
		:	Red Category: 7881.29 Kg/Year
		:	White: 92.18 Kg/Year
		:	Blue Category: 2331.03 Kg/Year
		:	General Solid waste: Wet waste : 42885 Kg/Year Dry waste : 39672 Kg/Year
5	Details of the Storage, treatment, transportation, processing and Disposal Facility	:	
	(i) Details of the on-site storage facility	:	Size: 105 square feet Capacity: 100 Kg

(ii) Details of the treatment or disposal facilities	Provision of on-site storage: (cold storage or any other provision) - NA			
	Type of treatment equipment	No. of Units	Capacity Kg/d ay	Quantity treated or disposed in kg per annum
	Incinerators	Handled by CBMWTF operator (Medicare Environmental Management Pvt. Ltd.)		
	Plasma Pyrolysis			
	Autoclaves			
	Microwave			
	Hydroclave			
	Shredder			
	Needle tip cutter or destroyer			
	Sharps encapsulation or concrete pit			
Deep burial pits				
Chemical disinfection				
Any other treatment equipment				
(iii) Quantity of recyclable wastes sold to authorized recyclers after treatment in kg per annum.	:	Red Category (like plastic, glass etc.) Handled by CBMWTF operator		
(iv) No of vehicles used for collection and transportation of biomedical waste	:	One vehicle		
(v) Details of incineration ash and ETP sludge generated and disposed during the treatment of wastes in Kg per annum		Quantity generated	Where disposed	
	Incineration ash	Nil	Nil	
	ETP Sludge	240 Kg per annum	Used for horticulture	
(vi) Name of the Common Bio-Medical Waste Treatment Facility Operator through which wastes are disposed of	:	Medicare Environmental Management Pvt. Ltd.		
(vii) List of member HCF not handed over bio-medical waste.		Nil		
6	Do you have bio-medical waste management committee? If yes, attach minutes of the meetings held during the reporting period	Comes under Hospital Infection Control Committee		
7	Details trainings conducted on BMW			
	(i) Number of trainings conducted on BMW Management	9		
	(ii) Number of personnel trained	335		
	(iii) Number of personnel trained at the time of induction	135		

	(iv) Number of personnel not undergone any training so far	64
	(v) Whether standard manual for training is available?	Utilizing through posters, videos and power point presentation.
	(vi) any other information	Nil
8	Details of the accident occurred during the year	
	(i) Number of Accidents occurred	Nil
	(ii) Number of the persons affected	Nil
	(iii) Remedial Action taken (Please attach details if any)	NA
	(iv) Any Fatality occurred, details.	Nil
9	Are you meeting the standards of air Pollution from the incinerator? How many times in last year could not met the standards?	NA
	Details of Continuous online emission monitoring systems installed	NA
10	Liquid waste generated and treatment methods in place. How many times you have not met the standards in a year?	Combined treatment plant
11	Is the disinfection method or sterilization meeting the log 4 standards? How many times you have not met the standards in a year?	NA
12	Any other relevant information	: (Air Pollution Control Devices attached with the Incinerator) NA

Certified that the above report is for the period from

01-01-2022 to 31-12-2022



Name and Signature of the Head of the Institution  
**PRINCIPAL**

**Dr. B.R. Ambedkar Medical College**  
Kadugondanahalli, Bangalore-560 045

Date: 24/01/2023

Place: Bengaluru



DR. B. R. AMBEDKAR MEDICAL COLLEGE &  
HOSPITAL, KADUGONDAHALLI, BENGALURU-  
560045.



Ref.No. / AMCH / MS / 179/2021-2022

Date: 24/01/23

Statement showing segregation of Bio – Medical waste

From January 2022 – December 2022

SL. NO	MONTH / Year 2022	Yellow (Wt.in Kgs)	Red (Wt. in Kgs)	Blue (Wt. in Kgs)	White (Wt. in Kgs)	Total (Wt. in Kgs)	BMW genera -ted Per day (kg)	% of plastic genera -ted per day	Avg. bed Occupan cy	BMW generate d/bed/ Day (grams)
1	January	783.96	619.96	213.14	12.07	1,629.13	52.55	38.05	122	430.7
2	February	379.12	542.46	164.67	11.00	1,097.25	39.19	49.43	140	279.92
3	March	380.56	547.99	239.83	12.92	1,181.3	38.1	46.4	138	276.1
4	April	365.35	502.19	212.02	5.41	1,084.97	36.17	46.28	138	262.1
5	May	397.24	641.43	176.23	10.82	1,225.72	39.54	52.4	170	232.6
6	June	360.84	530.62	99.57	NIL	991.03	33.03	53.55	180	183.5
7	July	447.03	751.4	148.65	NIL	1,347.08	43.45	55.8	173	251.6
8	August	513.62	763.5	212.26	NIL	1,489.38	48.04	51.3	217	221.4
9	September	534.91	837.4	260.4	NIL	1,632.71	54.42	51.3	218	249.6
10	October	435.23	632.98	174.72	21.16	1,264.09	40.78	50.07	193	211.3
11	November	514.95	748.55	233.74	11.95	1,509.19	50.31	49.6	188	267.6
12	December	488.81	762.81	195.8	6.85	1,454.27	46.91	52.44	192	244.32
13	TOTAL	5,601.62	7,881.29	2,331.03	92.18	15,906.12				

In-Charge clerk Signature

*Tool*  
Dr. METILDA, Ph.D. (N) NKA, Bangalore  
Nursing Superintendent  
Dr. B.R. Ambedkar Medical College & Hospital  
K.G. Halli, Bengaluru - 45

*Mahe*  
DR. A.G. MAHENDRAKAR  
MEDICAL SUPERINTENDENT  
DR. B.R. AMC&H  
MEDICAL SUPERINTENDENT  
Dr. B.R. Ambedkar Medical College & Hospital  
K.G. Halli, Bangalore-45



DR. B. R. AMBEDKAR MEDICAL COLLEGE & HOSPITAL,  
KADUGONDANAHALLI, BENGALURU-560045.



178  
Ref.No.AMCH/MS/ /2022-2023

Date: 24/01/23

**Statement Showing Segregation Of Municipal Solid Waste From**  
**January 2022 To December 2022**

SL.NO	Months	Dry Waste (Wt. in Kgs)	Wet Waste (Wt. in Kgs)	Total (Wt. in kgs)
1	January	3265	3500	6765
2	February	2776	3333	6109
3	March	3500	3720	7220
4	April	3415	3540	6955
5	May	3540	3605	7145
6	June	3760	4161	7921
7	July	3275	3754	7029
8	August	3407	3695	7102
9	September	2980	3207	6187
10	October	3197	3255	6452
11	November	3140	3425	6565
12	December	3417	3690	7107
13	<b>Total</b>	<b>39,672</b>	<b>42,885</b>	<b>82,557</b>

  
DR. A.G. MAHENDRAKAR  
MEDICAL SUPERINTENDENT  
DR. B. R. AMCH  
**MEDICAL SUPERINTENDENT**  
Dr. B.R. Ambedkar Medical College & Hospital,  
K.G. Halli, Bangalore-45