

**L V Prasad Eye Institute**  
(A Hyderabad Eye Institute organization)  
Kode Venkatadri Chowdary Campus, Vijayawada

Date: 20-05-2022

The AP Pollution Control Board,  
Vijayawada.

Respected Sir/Madam,

**Sub:** Submission of Form IV for Biomedical Waste Annual report for the period of 01-01-2021 to 31-12-2021.

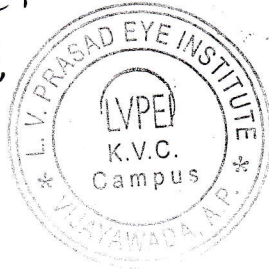
Kindly acknowledge the receipt of the duly filled Form IV for Bio-medical Waste Annual Report for the period of 01-01-2021 to 31-12-2021.

Thanking you,

Sincerely,

Anasua Kapoor

Dr. Anasua Kapoor,  
Campus Head



**Enclosed:**

1. Duly filled Form IV for Biomedical Waste Annual report for the period of 01-01-2021 to 31-12-2021.
2. Biomedical Waste Annual report 2021.
3. Committee Meeting minutes (for Point No. 06)
4. Needle stick Injury Register copy (for Point No. 08)



**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 authorized person (occupier or : operator of facility)	:	Dr. Anasua Kapoor
	(ii) Name of HCF	:	Hyderabad Eye Institute,
	(iii) Address for Correspondence	:	L.V.Prasad Eye Institute, Kode Venkatadri Chowdary Campus, Tadigadapa, Vijayawada – 521137
	(iv) Address of Facility	:	L.V.Prasad Eye Institute, Kode Venkatadri Chowdary Campus, Tadigadapa, Vijayawada – 521137
	(v) Tel. No, Fax. No	:	0866-6712020, Fax: 0866-6712003
	(vi) E-mail ID	:	<a href="mailto:dranasuganguly@lvpei.org">dranasuganguly@lvpei.org</a>
	(vii) URL of Website	:	<a href="http://www.lvpei.org">www.lvpei.org</a>
	(viii) GPS coordinates of HCF or CBMWTF	:	
	(ix) Ownership of HCF or CBMWTF	:	Private (Trust)
	(x). Status of Authorization under the Bio- Medical Waste (Management and Handling) Rules	:	<b>Authorization No.:</b> Kr-709/APPCB/ZO-VJA/CFO/W&A/2018 <b>Valid upto:</b> 28-02-2023
	(xi). Status of Consents under Water Act and Air Act	:	<b>Valid upto:</b> 28-02-2023
2	Type of Health Care Facility	:	HCF
	(i) Bedded Hospital	:	<b>No. of Beds:</b> 40
	(ii) Non-bedded hospital Clinical Laboratory or Research Institute or Veterinary Hospital or any other)	:	NA
	(iii) License number and its date of expiry	:	<b>License Number:</b> 63/2012; <b>Date of Expiry:</b> 05-11-2022
3	Details of CBMWTF	:	M/s. SAFENVIRON,
	(i) Number of health care facilities covered by CBMWTF	:	--
	(ii) No. of Beds covered by CBMWTF	:	--
	(iii) Installed treatment and disposal capacity of CBMWTF;	:	-- _____ Kg / day
	(iv) Quantity of bio medical waste treated or disposed by CBMWTF	:	-- _____ Kg / day
4	Quantity of waste generated or disposed in Kg per Annum (on monthly average basis)	:	<b>Yellow Category:</b> 2636.92kg <b>Red Category:</b> 2871.7 kg <b>White:</b> 144.46 kg <b>Blue Category:</b> 667.8kg <b>General Solid Waste:</b>

**Details of the Storage, Treatment, Transportation, Processing and Disposal Facility**

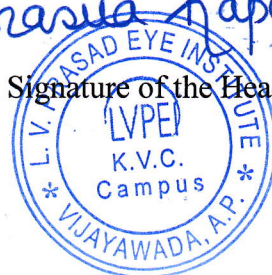
(i)	Details of the on-site storage facility	:	Size: -- Capacity: -- Provision of on-site storage : (Cold storage or any other provision) <b>NA</b>																																																								
(ii)	Disposal facilities		<table border="1"> <thead> <tr> <th data-bbox="906 293 1123 568">Type of treatment equipment</th> <th data-bbox="1123 293 1225 568">No of Units</th> <th data-bbox="1225 293 1369 568">Capacity Kg/day</th> <th data-bbox="1369 293 1543 568">Quantity Treated or disposed in kg per annum</th> </tr> </thead> <tbody> <tr><td data-bbox="906 568 1123 613">Incinerators</td><td data-bbox="1123 568 1225 613"></td><td data-bbox="1225 568 1369 613"></td><td data-bbox="1369 568 1543 613"></td></tr> <tr><td data-bbox="906 613 1123 689">Plasma Pyrolysis</td><td data-bbox="1123 613 1225 689"></td><td data-bbox="1225 613 1369 689"></td><td data-bbox="1369 613 1543 689"></td></tr> <tr><td data-bbox="906 689 1123 734">Autoclaves</td><td data-bbox="1123 689 1225 734">3</td><td data-bbox="1225 689 1369 734">--</td><td data-bbox="1369 689 1543 734">--</td></tr> <tr><td data-bbox="906 734 1123 779">Microwave</td><td data-bbox="1123 734 1225 779"></td><td data-bbox="1225 734 1369 779"></td><td data-bbox="1369 734 1543 779"></td></tr> <tr><td data-bbox="906 779 1123 824">Hydroclave</td><td data-bbox="1123 779 1225 824"></td><td data-bbox="1225 779 1369 824"></td><td data-bbox="1369 779 1543 824"></td></tr> <tr><td data-bbox="906 824 1123 869">Shredder</td><td data-bbox="1123 824 1225 869"></td><td data-bbox="1225 824 1369 869"></td><td data-bbox="1369 824 1543 869"></td></tr> <tr><td data-bbox="906 869 1123 981">Needle tip cutter or destroyer</td><td data-bbox="1123 869 1225 981"></td><td data-bbox="1225 869 1369 981"></td><td data-bbox="1369 869 1543 981"></td></tr> <tr><td data-bbox="906 981 1123 1025">Sharps</td><td data-bbox="1123 981 1225 1025"></td><td data-bbox="1225 981 1369 1025"></td><td data-bbox="1369 981 1543 1025"></td></tr> <tr><td data-bbox="906 1025 1123 1137">Encapsulation or concrete pit</td><td data-bbox="1123 1025 1225 1137"></td><td data-bbox="1225 1025 1369 1137"></td><td data-bbox="1369 1025 1543 1137"></td></tr> <tr><td data-bbox="906 1137 1123 1214">Deep burial pits</td><td data-bbox="1123 1137 1225 1214"></td><td data-bbox="1225 1137 1369 1214"></td><td data-bbox="1369 1137 1543 1214"></td></tr> <tr><td data-bbox="906 1214 1123 1290">Chemical disinfection:</td><td data-bbox="1123 1214 1225 1290"></td><td data-bbox="1225 1214 1369 1290"></td><td data-bbox="1369 1214 1543 1290"></td></tr> <tr><td data-bbox="906 1290 1123 1406">Any other treatment equipment:</td><td data-bbox="1123 1290 1225 1406"></td><td data-bbox="1225 1290 1369 1406"></td><td data-bbox="1369 1290 1543 1406"></td></tr> </tbody> </table>	Type of treatment equipment	No of Units	Capacity Kg/day	Quantity Treated or disposed in kg per annum	Incinerators				Plasma Pyrolysis				Autoclaves	3	--	--	Microwave				Hydroclave				Shredder				Needle tip cutter or destroyer				Sharps				Encapsulation or concrete pit				Deep burial pits				Chemical disinfection:				Any other treatment equipment:							
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(iii)	Quantity of recyclable wastes sold to authorized recyclers after treatment in Kg per annum	:	Red Category (like plastic, glass, etc.) ---																																																								
(iv)	No. of Vehicles used for collection and transportation of biomedical waste	:	---																																																								
(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	---	--																																																						
			ETP Sludge	---	---																																																						
(vi)	Name of the Common Bio-Medical Waste Treatment Facility Operator through which wastes are disposed of		M/s. Safenviron																																																								
(vii)	List of member HCF not handed over bio-medical waste.		---																																																								

	Do you have bio-medical waste management committee? If yes, attach minutes of the meetings held during the reporting period	Yes. Committee meetings were held occasionally due to COVID-19 pandemic. Few meeting minutes are attached.
7	Details trainings conducted on BMW	
	(i) Number of trainings conducted on BMW Management	19
	(ii) Number of personnel trained	121
	(iii) Number of personnel trained at the time of induction	00
	(iv) Number of personnel not undergone any training so far	Nil
	(v) Whether standard manual for training is available?	Yes
8	Details of the accident occurred during the year	Needle Stick Injuries (10).
	(i) Number of Accidents occurred	10
	(ii) Number of persons affected	Nil
	(iii) Remedial Action taken (Please attach details if any)	Register (copies) attached.
	(iv) Any Fatality occurred, details	--
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?	Yes. Always compliance with the standards.
11	Is the disinfection method or sterilization meeting the log 4 standards? How many times you have not met the standards in a year?	Yes. Always compliance with the standards
12	Any other relevant information	(Air Pollution Control Devices attached with the Incinerator) NA

Certified that the above report is for the period from 01-01-2021 to 31-12-2021

Anasua Kapoor

Name and Signature of the Head of the Institution



Date: 20-05-2022

Place: Tadigadapa, Vijayawada.

# BIO-MEDICAL WASTE ANNUAL REPORT FOR THE YEAR-2021

L.V.PRASAD EYE INSTITUTE,VIJAYAWADA

<b>HOSPITAL NAME</b>	L.V.Prasad Eye Institute
<b>No.Of Beds</b>	40

<b>Name Of The Month</b>	<b>Yellow kgs</b>	<b>Red kgs</b>	<b>White kgs</b>	<b>Blue kgs</b>
January	148.2	340.4	22.1	42.8
February	183.5	310.6	5.4	73.1
March	311.45	451.5	13.75	75.5
April	236.9	385.35	10.9	52.65
May	129.77	137.15	3.75	39.3
June	135.9	98.7	5.16	43
July	162.2	128.8	5.8	17.5
August	241.5	179.7	3.2	6.4
September	224.8	154.6	12.9	26.9
October	233.5	163.4	14.9	121.4
November	298.6	246.1	22.3	114.6
December	330.6	275.4	24.3	54.7
<b>Total</b>	2636.92	2871.7	144.46	667.85

