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JAWAHARLAL INSTITUTE OF POST GRADUATE MEDICAL EDUCATION & RESEARCH (JIPMER)

(An Institution of National Importance under Ministry of Health & Family welfare)

Dhanwantari Nagar, Puducherry- 605 006

Phone: 0413 – 2296022 Fax: 0413 – 2272067- 2272735

OFFICE OF THE BIO-MEDICAL WASTE MANAGEMENT PROGRAMME

No. JIP/BMWM/AR/2022 **Dated: 24.06.2022**

To

The Member Secretary,
Pondicherry Pollution Control Board,
3rd Floor, Housing Board Building,
Anna Nagar, Pondicherry-605 005.

Sir,

Sub.: Annual report for the year 2021 on Bio-Medical Waste Management Submitted -Reg.
Ref.: Bio-Medical Waste (Management & Handling) Rules, 2016.

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With reference to the above, I am herewith submitting the Annual Report for Bio-Medical Waste Management of JIPMER for the year 2021 in prescribed format (Form IV) along with its enclosures. This is for your kind information.

Yours faithfully,

MEDICAL SUPERINTENDENT

MEDICAL SUPERINTENDEN
JIPMER HOSPITAL
PONDICHERRY - 605 006

Encl:

1. Form-IV (Annual Report - 2021)
2. Form-I (Accident Reporting-2021)
3. Bio-Medical Waste Management Committee Meeting JIPMER – 2021.

Form – IV

ANNUAL REPORT

[To be submitted to the prescribed authority on or before 30th June every year for the period from January to December 2021 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. L.N. Dorairajan, Medical Superintendent
	(ii) Name of HCF or CBMWTF	:	Jawaharlal Institute of Postgraduate Medical and Research
	(iii) Address for Correspondence	:	Dhanvantri Nagar, Puducherry – 6.
	(iv) Address of Facility		Medical Superintendent office, Dhanvantri Nagar, Puducherry – 6.
	(v)Tel. No, Fax. No	:	0413-2296501, 0413-2272735
	(vi) E-mail ID	:	bmwjipmer@gmail.com
	(vii) URL of Website		www.jipmer.edu.in
	(viii) GPS coordinates of HCF or CBMWTF		-
	(ix) Ownership of HCF or CBMWTF	:	Autonomous Institute
	(x). Status of Authorisation under the Bio-Medical Waste (Management and Handling) Rules	:	Authorisation No.: No.1/PPCC/BMW/AUTHO//JSA(PPCC)/2022/25valid up to November 2024
	(xi). Status of Consents under Water Act and Air Act	:	Applied
2.	Type of Health Care Facility	:	
	(i) Bedded Hospital	:	No. of Beds: 1774
	(ii) Non-bedded hospital (Clinic or Blood Bank or Clinical Laboratory or Research Institute or Veterinary Hospital or any other)	:	N.A
	(iii) License number and its date of expiry		N.A
3.	Details of CBMWTF	:	
	(i) Number healthcare facilities covered by CBMWTF	:	N.A
	(ii) No of beds covered by CBMWTF	:	
	(iii) Installed treatment and disposal capacity of CBMWTF:	:	N.A
	(iv) Quantity of biomedical waste treated or disposed by CBMWTF	:	N.A
4.	Quantity of waste generated or disposed in Kg per annum (on monthly average basis)	:	Yellow Category : 26,915Kg/ (on monthly Average basis)
			Red Category : 20,634Kg/ (on monthly Average basis)
			White: 272Kg/ (on monthly Average basis)
			Blue Category : 3,277Kg/ (on monthly Average basis)
			General Solid waste: 79,979Kg/ (on monthly Average basis)
5	Details of the Storage, treatment, transportation, processing and Disposal Facility		
	(i) Details of the on-site storage facility	:	Size : 1050 sq.ft (approx.)
			Capacity : 1000kg
			Provision of on-site storage : (cold storage or any other provision)

	(ii) Details of the treatment or disposal facilities	:	Type of treatment equipment / No of units / capacity kg/ day / Quantity treated or disposed in kg per annum Incinerators - - - Plasma Pyrolysis Autoclaves 4units ~40 14,600 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.	:	Nil. All waste sent to M/s. Pondicherry Solid Waste Management Company Private Limited, Thuthipet.
	(iv) No of vehicles used for collection and transportation of biomedical waste	:	1 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 - - ETP Sludge - } NIL All the Bio-Medical Waste generated in JIPMER has been handed over to the M/s. Pondicherry Solid Waste Company Private Limited, Thuthipet.
	(vi) Name of the Common Bio-Medical Waste Treatment Facility Operator through which wastes are disposed of	:	M/S. Solid Waste Management, Thuthipet.
	(vii) List of member HCF not handed over bio-medical waste.		-
6	Do you have bio-medical waste management committee? If yes, attach minutes of the meetings held during the reporting period		Yes Attached
7	Details trainings conducted on BMW		
	(i) Number of trainings conducted on BMW Management.		61
	(ii) number of personnel trained		1,419
	(iii) number of personnel trained at the time of induction		415
	(iv) number of personnel not undergone any training so far		-
	(v) whether standard manual for training is available?		Available. Utilized through posters, videos & Power Point Presentation.
	(vi) any other information)		-
8	Details of the accident occurred during the year		-

	(i) Number of Accidents occured		Nil
	(ii) Number of the persons affected		Nil
	(iii) Remedial Action taken (Please attach details if any)		N.A
	(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?		Standards have been met
	Details of Continuous online emission monitoring system installed		No
10	Liquid waste generated and treatment methods in place. How many times you have not met the standards in a year?		SEWAGE TREATMENT PLANT Standards have been met
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 Nil
12	Any other relevant information	:	N.A

Certified that the above report is for the period from

January 2021 to December 2021

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30.6.22

Signature of the Medical Superintendent

MEDICAL SUPERINTENDENT
JIPMER HOSPITAL
PONDICHERRY - 605 006

Date: 24.06.2022

Place: Puducherry

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Phone: 0413 – 2296022 Fax: 0413 – 2272067- 2272735

OFFICE OF THE BIO-MEDICAL WASTE MANAGEMENT

No. JIP/BMWM/Misc./22 **Dated: 24.06.2022**

To

The Member Secretary,
Pondicherry Pollution Control Board,
3rd Floor, Housing Board Building,
Anna Nagar, Pondicherry-605 005.

Sir,

Sub.: Submission of Form-I-Reg.
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With reference to the above, I am herewith submitting the Accident Reporting for the year 2021 in prescribed format (Form-I) along with its enclosures. This is for your kind information.

Thanking you

24/6/2022

Medical Superintendent

MEDICAL SUPERINTENDENT
JIPMER HOSPITAL
PONDICHERRY - 605 006

FORM-I

ACCIDENT REPORTING

1. Date and time of accident	:	NIL
2. Type of Accident	:	
3. Sequence of events leading to accident	:	
4. Has the Authority been informed immediately	:	
5. The type of waste involved in accident	:	
6. Assessment of the effects of the accidents on human health and the environment	:	
7. Emergency measures taken	:	
8. Steps taken to alleviate the effects of accidents	:	
9. Steps taken to prevent the recurrence of such an accident	:	

10. Does you facility has an Emergency Control policy? : If yes give details

Any emergency will be intimated to the Officer In-charge of BMWM for immediate and necessary action with the guidance of PPCC and in coordination with the Common Bio Medical Waste treatment Facility center.

Date: 30-6-22

Place: Puducherry

Signature: 30/6/22

Designation: MEDICAL SUPERINTENDENT
JIPMER HOSPITAL
PONDICHERRY - 605 006

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Website: www.jipmer.edu.in
Phone: 0413 – 2296022 Fax: 0413 – 2272067- 2272735

No. BMWM/2021

Dated: 2 SEP 2021

Department of Bio-Medical Waste Management

MINUTES OF THE BIO-MEDICAL WASTE MANAGEMENT OFFICE MEETING

The Bio-medical waste management office meeting was held on 30.08.2021 at 3.20pm at the Institute council Room in Institute Block under the Chairmanship of the Medical Superintendent. The following members were present.

S. No.	Name of the Members	Designation
1	Dr. L.N. Dorairajan	Medical Superintendent
2	Dr. Anita Rustagi	Addl. Medical Superintendent
3	Dr. Jharna Mandal	Addl. Prof., and Head, MicrobioloQv
4	Dr. Apurba Sankar Sastry	Associate Prof. (Microbiology), Hospital Infection Control Officer
5	Dr. Nishand Plakkal	Associate Prof. Neonatology
6	Dr. Mamatha Gowda	Asso. Prof. OBG
7	Dr. Vijayakumar	Associate Prof. Surgery
8	Dr. Ramesh Kumar .R	Faculty, Pediatrics
9	Dr. Durga Prasad Rath	Professor and HOD, CTVS
10	Dr. Sreevathsa	Associate Professor of CTVS
11	Dr. Sugumar	SMO, Central Store
12	Dr. Pratima Agarwal	SMO, O/I of Bio-Medical Waste Management
13	Dr. Sunil Jadhav	SMO, MS office
14	Dr. Joseph Alexis	SMO, CSSD
15	Ms. D. Madhavi	Senior Dietician, Dietetics
16	Ms. Sankareswari	Nursing Superintendent, Nursing Section
17	Ms. Puspalatha	DNS
18	Ms. Santhishanmugam	DNS
19	Ms. M. Latha	DNS
20	Ms. Gandhimathi Joseph	ANS, Laundry
21	Ms. Neelavathy .K	DNS, WCH
22	Ms. Vennila Thandavan	DNS, EMSD
23	Mr. M. Thiroumourougan	Sanitary Superintendent, Sanitary Unit
24	Ms. C. Kavitha Eswari Sathishkrishna	SNO, Bio-Medical Waste Management
25	Ms. Josephine .M	PHN
26	Mr. R. Perumal Raja	Laundry Supervisor

27	Mr. Thirumal .J	FM, UDS
28	Mr. Muralitharan . S	Senior Manager, UDS
29	Mr. Ketan PRiyadarsh	Fellow SR, HICP
30	Mrs. A. Bhuvaneswari	Infection Control Nurse
31	Ms. Radjalatchoumy .G	Infection Control Nurse
32	Mrs. Djiva Azhwar	Infection Control Nurse
33	Mrs. Lathika Gladson	Infection Control Nurse
34	Ms. Devapriya	Infection Control Nurse

The following points were discussed and minuted.

1. The Medical Superintendent welcomed all the Committee members.
2. The O/I of Bio Medical Waste Management presented the activities that had been carried out during the year 2020-21.
3. The O/I of Bio-Medical waste management presented in detail regarding the challenges faced by the department due to COVID-19 pandemic.
4. The Medical Superintendent instructed that ground level visit should be done during the peak time.
5. The Medical Superintendent advised that adequate pictures must be used during orientation & awareness classes.
6. The Medical Superintendent instructed that all the staff engaged in handling bio-medical waste must be vaccinated.
7. The Medical Superintendent advised that area of high needle stick injury must be identified in order to prevent its occurrences.

The meeting ended with vote of thanks

ADDL. MEDICAL SUPERINTENDENT

ADDITIONAL MEDICAL SUPERINTENDENT
अपर चिकित्सा अधीक्षक
JIPMER HOSPITAL
जिपमेर अस्पताल
पांडिच्चेरी / PONDICHERRY - 605 006