

## 7.1.3

# SOLID WASTE MANAGEMENT

### 1. COLLEGE OF AYURVED, PUNE





Bharati Vidyapeeth (Deemed to be University)  
College of Ayurved and Hospital

**MANAGEMENT OF MEDICATION (MOM)**

Version	Implementation date	Next revision date	NABH/BVUCOAH/MOM/P&P/01/2019
01	10/05/2019	09/05/2020	



**BHARATI VIDYAPEETH  
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**Chapter 3  
MANAGEMENT OF MEDICATION (MOM)  
Policy and procedures**

**Document number: NABH/BVUCOAH/MOM/P&P/01/2019**

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Approved by	MEDICAL SUPERINTENDANT DR. ABHIJIT B. PATIL
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Issued by	NABH COORDINATOR DR. UMESH VAIDYA
Date of next revision	09/05/2020

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The holder of the copy of this manual is responsible for maintaining it in good and safe condition and in a readily identifiable and retrievable.

The holder of the copy of this Manual shall maintain it in current status by inserting latest amendments as and when the amended versions are received.

Medical Director is responsible for issuing the amended copies to the copyholders, the copyholder should acknowledge the same and he/she should return the obsolete copies to the Medical Director.

The amendment sheet, to be updated (as and when amendments received) and referred for details of amendments issued.

The manual is reviewed once a year and is updated as relevant to the hospital policies and procedures. Review and amendment can happen also as corrective actions to the non-conformities raised during the self-assessment or assessment audits by NABH.

**The authority over control of this manual is as follows:**

Preparation	Approval	Authorised	Issued
TEAM MOM	Dr. Abhijit Patil Chairman Medical Superintendent	Dr. Shubhangi Katkar Medical Director	Dr. Umesh Vaidya NABH Coordinator

The procedure manual with original signatures of the above on the title page is considered as 'Master Copy' and the photocopies of the master copy for the distribution are considered as 'Controlled Copy'.

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01	10/05/2019	09/05/2020	

**TABLE OF CONTENTS**

Sr. No.	Name of policy	Page No.
1.	POLICY TO DESCRIBE SERVICES PROVIDED IN THE PHARMACY & USAGE OF MEDICATIONS, OBTAINING MEDICINES IN AND OUT OF THE FORMULARY EVEN WHEN THE PHARMACIES ARE CLOSED AND C) POLICY FOR DRUG RECALL	6
2.	PRESCRIPTION OF MEDICATION, VERBAL ORDERS	9
3.	POLICY FOR MEDICATION MANAGEMENT, MONITORING OF PATIENT AFTER MEDICATION ADMINISTRATION AND MONITORING OF NEAR MISS, MEDICATION ERROR AND ADVERSE DRUG EVENTS	11
4.	POLICY FOR INVENTORY PROCESS	14
5.	POLICY FOR USAGE OF NARCOTIC DRUGS	14
6.	POLICY TO DESCRIBE PROCEDURE IMPLEMENTED BY THE AYURVEDIC MEDICINES DISPENSING UNIT FOR DISPOSAL OF EXPIRED MEDICINES	15

5

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Bharati Vidyapeeth (Deemed to be University)  
College of Ayurved and Hospital

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01	10/05/2019	09/05/2020	

**POLICY TO DESCRIBE**

- A) SERVICES PROVIDED IN THE PHARMACY & USAGE OF MEDICATIONS
- B) OBTAINING MEDICINES IN AND OUT OF THE FORMULARY EVEN WHEN THE PHARMACIES ARE CLOSED AND
- C) POLICY FOR DRUG RECALL

**Purpose:**

This SOP describes the procedure used to define –

- a) Services provided in the pharmacies & usage of medications
- b) Method of obtaining medicines in and out of the formulary even when the pharmacies are closed
- c) Requirement for drug recall

**Scope:**

Pharmacy of the hospital

**Responsibility:**

Management, Pharmacist

**Procedure:**

**a) Services provided in the pharmacies & usage of medications**

The hospital has separate pharmacies for the Ayurvedic and modern medicines. Apart from these the necessary medicines as per the requirement are kept in the concerned IPDs.

Drugs as per the formulary are purchased, stored and dispensed as per the norms decided by the hospital.

**Procurement:**

Herbal preparations (*churna, oils, avleha and other kalpas*) are manufactured in the college pharmacy under supervision of the faculty. Standard practices are adhered to during the preparation of these medicines. Quality standards as prescribed by the API and AFI are followed and monitored by the QC lab.

For other medicines and consumables: Quotations from the GMP approved pharmacies and suppliers (minimum three) are requested. These are then placed before the purchase committee during the meetings and the supplier finalized from among these. The parameters taken into consideration apart from the rates are the quality of the drugs supplied.

Other important parameters considered are the ABC and VED analysis schedules.

**Storage:**

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01	10/05/2019	09/05/2020	

The drugs thus procured are appropriately stored as mentioned below.

The pharmacy has an adequate, well lit and ventilated space.

Adequate pest and rodent control remedies are undertaken

All medicines requiring to be stored in a refrigerator are done so and the temperature is maintained between 2<sup>o</sup> to 8<sup>o</sup> and monitored regularly.

A conscious attempt to separate LASA drugs by use of different colored labels stored on different shelves helps to segregate the LASA drugs to avoid accidents.

The packets received from the supplier have the name of the drug with necessary details like the batch number, manufacturing date, expiry date, strength and number of tablets, if applicable. Hence these packets are as it is stored in clean food grade airtight jars according to the manufacturer's specifications.

Medicines procured from suppliers before being dispensed are entered into the MANORAMA inventory with necessary details like cost, batch number and expiry of the drugs

High alert drugs are stored in separate shelves under adequate security and marked so.

Drugs are stored in different compartments according to their forms e.g. churnas, taila, gutivati, ghrita, asava, arishta, kalpas, etc.

The formulary is prepared after assessing the needs of all doctors in the hospital as also the VED categorization of drugs after proper discussion during the pharmaco therapeutic committee meeting. The formulary is available in the pharmacy for use and reference.

Lead analysis (after assessing the requirements of the doctors and patients) guides repurchasing of drugs essentially. More the needs more the purchase is followed.

**Dispensing:**

Prescriptions are written in standardized format only. These are written by doctors only.

Medicines procured are dispensed following FIFO (First in first out) and FEFO (First expiry first out) principle.

The medicines are dispensed in the hospital's pharmacy present in an accessible space on the ground floor.

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01	10/05/2019	09/05/2020	

The pharmacy of the hospital is open during the working hours of all OPDs i.e. 09.00am to 05.00pm.

Each IPD store their required medicines to be used apart from the working hours of the pharmacy.

In an extreme situation, after office hours, in case if any of the medicine from the pharmacy is needed urgently and the same is not available in the IPD, the key to the pharmacy is available in the RMO office. A register to document such a situation and the medicine taken is immediately noted and brought to the notice of the pharmacist the following morning.

A last resort is to procure the medicine from a local vendor (only in unavoidable circumstances).

**c) Medicines recall:**

The medicines may be recalled in special circumstances. It is done only after a written note from the concerned company or after adequate enquiry by the pharmaco therapeutic committee members. A written notice from the FDA necessitates the drug recall.

This may be done in cases of drug contamination, any harmful effects or allergic manifestations to a specific batch of drugs, mislabelled or poorly packed drugs, improperly manufactured drugs.

**PRESCRIPTION OF MEDICATION, VERBAL ORDERS**

*Purpose:*

This SoP describes the procedure used to define the requirements of a prescription and procedure to be followed for verbal orders

*Scope:*

Pharmacy of the hospital

*Responsibility:*

Treating doctors, Pharmacist

*Procedure:*

A standard prescription format as guided by the government of Maharashtra is adopted by the hospital.

9

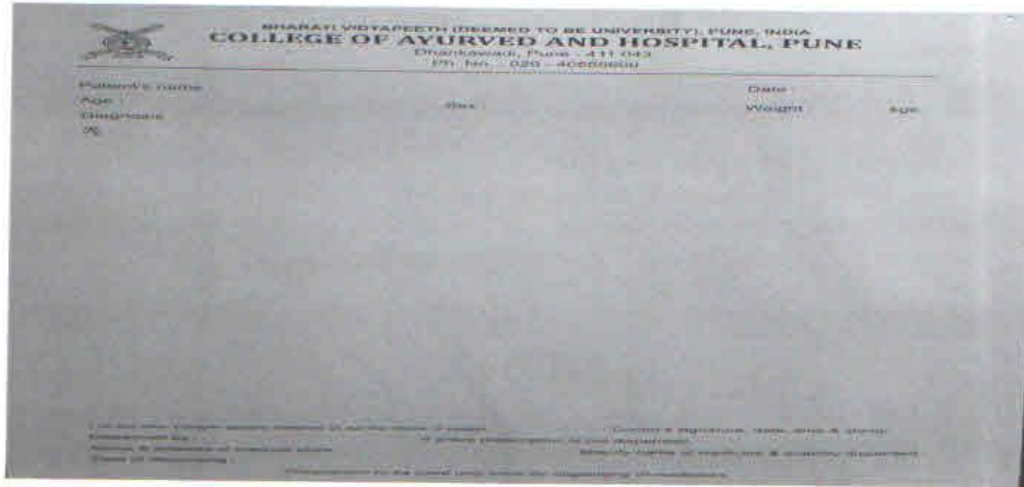
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01	10/05/2019	09/05/2020	



Only doctors are authorized to write and prescribe medicines.

It is preferred that the prescriptions are written in capital letters to avoid misreading by the pharmacist. Needless to say it is to be in a legible handwriting

No abbreviations are used on the prescriptions to denote the name of the medicines. Standard abbreviations like mg for milligram and ml for millilitre are acceptable as internationally accepted terms

It is mandatory for the concerned doctors to incorporate all details as follows

The prescription contains the name of the patient, date of prescribing, age and sex, weight (especially the pediatrics department) and diagnosis, UIN & / or IPD number, name of the department to begin with.

The name of the medications with the detailed dosage, *anupaana*, *sevankaala* and frequency of administration, route of administration, if other than oral and the duration of consuming the medicines is specified.

Any special instructions like empty stomach, after meals, local application and part where to be applied, etc. are written in an understandable language to the patient.

The prescription ends with the concerned doctor's signature, stamp, date and timing.

10

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01	10/05/2019	09/05/2020	

In case *if orders are issued verbally*, the concerned unit doctor makes it a point to request the team member doctor to read or spell back aloud the instruction (read back policy). This is done routinely to avoid miscommunication especially in sound alike names.

For IPD patients these verbal orders are counter signed and authorized by the concerned unit doctor or the issuing doctor not later than 24 hours after issuing the orders

**POLICY FOR MEDICATION MANAGEMENT, MONITORING OF PATIENT AFTER MEDICATION ADMINISTRATION AND MONITORING OF NEAR MISS, MEDICATION ERROR AND ADVERSE DRUG EVENTS**

*Purpose:*

This SOP describes the procedure used to

- a) Describe medication management
- b) Monitoring of patient after medication administration
- c) Monitoring of near miss, medication error and adverse drug events

*Scope:*

Nurses and the treating team

*Responsibility:*

Treating doctor team

*Procedure:*

**a) Medication management**

In the IPD sections, the nurses usually **administer** the medications. In special circumstances, the doctor administers the drugs e.g. sedation, anesthesia, drugs possibly carrying a risk of anaphylaxis, etc.

The Panchakarma therapists administer medications under supervision of the doctors as a part of the treatment being done.

In cases when multiple drugs are to be administered each of the medication prepared is labelled after preparation and then proceed to preparing the next one. This is done to prevent confusion, intermixing, interactions, if possible by concomitant administration. This rule is followed in all departments.

The patient to whom the drug is to be administered is **identified** properly before drug administration. A call out of the necessary patient by name to confirm is one way. Other methods to identify are the UIN, IPD number and of course the name of the patient.

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01	10/05/2019	09/05/2020	

Prior to administration of all forms of medicines, the drugs are **checked** physically for any contaminants, precipitations or changes in color, clumping especially in churnas, broken tablets, precipitation in asavas, kashayas, moist gutivati, etc.

The name of the drug and its expiry date is confirmed, the route of administration and prescribed dose is ascertained by the administering nurse.

The timings of the drugs to be administered Aushadh sevan kaal- are confirmed before administration. The timings as applied by the hospital like o.d, b.i.d, t.i.d, q.i.d, h.s., stat, sos have been defined and the concerned staff are trained and made aware of the same. Specifications, when necessary, like before or after meals, rasayankaal, etc. are documented by the concerned unit doctor.

Anupaana as specified by the concerned unit doctor is precisely used with the drug.

In case of any discrepancies or confusions the team member doctor intervenes to resolve the issue. In case the matter is out of his scope, the concerned unit doctor is contacted either in person or on phone as the situation permits. Necessary instructions or clarifications are sought and the instructions are followed accordingly.

In case of high alert medicines –The drug prior to being administered is doubly checked either by two Paricharikas or by one Paricharika and a doctor of the caring team each separately and accordingly noted and signed on the case sheet.

The IPD case sheets have a separate provision for noting all medication details by the nurse. Included details are the name of the patient, age, room number, IPD number. The list of medicines with the dose, route of administration, date and adequate spaces for noting the timing of medicine administration and marking the administered drug at a particular time is present. The nurse administering the drug signs on the space provided for the same. This 'patient treatment sheet' as is called is present in all IPD sheets.

There are instances where a patient has been on certain medications from times before being admitted. In such the concerned doctor assesses the need for the same with reference to effects or ill effects in the present condition, possible drug interactions, etc. and then finally decides. In all favorable conditions or at least no ill effects of the same the previous medications may be continued. These should be standard drugs prescribed by some qualified doctor.

12

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01	10/05/2019	09/05/2020	

In cases where the previous medications are continued, these are enlisted in the medications used and subsequently into the patient treatment sheet with all necessary details. Thus the Paricharika administering drugs is aware of these medications too and the dosages are administered at the correct time in the correct dose and form.

It is not mandatory that the medicines be purchased from the hospital pharmacy. If the medicines are purchased from outside the organization, an insistence is having a properly labelled pack with it. This should have the name of the manufacturer, the manufacturing date, batch number, the expiry date, the base reference Samhita for drug preparation. A proper invoice would be desirable.

**b) Monitoring of patient after medication administration**

Monitoring parameters include the assessment of the condition of the patient with respect to the condition being treated. It includes Ashtavidha Parikshana and other necessary parameters like temperature, pulse rate, blood pressure, O<sub>2</sub> saturation, input and output, respiration rate, etc. as and when needed. Specific monitoring parameters in obstetric cases include cervical dilatation, rate of contractions, fetal monitoring like FHS, fetal movements.

Additionally, after administration of any high alert medications, the patient's vitals are monitored to observe for any untoward effects. This helps in timely diagnosing and managing any near miss.

Medication errors are reduced by observing all precautionary measures like drug verification, dose, route, time of administration. Adverse drug reactions are monitored and treated accordingly.

Routine monitoring is done for all patients.

Close monitoring is done for all patients undergoing any Panchakarma treatment, post-surgical or parasurgical and other procedures and all critical patients.

**c) Monitoring of near miss, medication error and adverse drug events**

Events related to medication prescribing, dispensing, administration and monitoring related errors, etc. broadly fall into the category of near miss and medication errors.

Adverse drug reactions are all the unintentional ill effects caused by the drugs.

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01	10/05/2019	09/05/2020	

Basically staffs of all levels from the medicos to the paramedics are adequately trained to prevent occurrence of any such events.

Despite all care, in case of any event such as near miss or medications errors or ADR, patient safety is the prime concern. The vitals of the patient are closely monitored. Adequate care in the form of supportive treatment is provided to the patient.

The concerned incident is reported by the doctor to the patient safety committee on a designed incident reporting form.

**POLICY FOR INVENTORY PROCESS**

*Purpose:*

This SOP describes the procedure used in inventory processes

*Scope:*

Central store, pharmacy, medical store and housekeeping department.

*Responsibility:*

Central store, pharmacy, medical store.

*Procedure:*

The central store, Ayurved pharmacy and the medical store of the hospital receive these purchased consumables, medicines and other goods required in patient care from the respective vendors, enlist all in the concerned inventory MANORAMA and in a register meant for this and makes it ready for use.

The in charge of the concerned departments and sections of the hospital, as per their needs, indent the required items, medical supplies, consumable like housekeeping goods using the software MANORAMA. The central store in charge after receiving the request issues the items for use.

Inventory control policies like ABC, VED, FSN, FIFO and lead time analysis are applied to simplify and hasten the process of procurement, inventory and repurchasing of necessary goods.

**POLICY FOR USAGE OF NARCOTIC DRUGS**

*Purpose:*

This SOP describes the procedure used in usage of narcotic drugs

*Scope:*

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01	10/05/2019	09/05/2020	

Pharmacy, medical store and treating team.

*Responsibility:* Pharmacy, medical store.

*Procedure:*

Narcotic drugs are not sold in the hospital.

Use of narcotic drugs especially Fentanyl, etc. are done only on the prescription of an anesthetist. These prescriptions are sent directly to the distributor who takes up the responsibility of recording the necessary information. Thus the hospital plays no direct role in procuring the narcotic drugs.

Narcotic drugs thus procured are delivered directly to the user doctor to avoid any misuse.

Rules for usage as decided by the narcotics and excise department of Government of Maharashtra are followed. Prescriptions are issued in duplicate- one copy is forwarded to the distributor for further processing and the other one is maintained for records.

A register to record the number of ampules of fentanyl used by the anesthetist is maintained and a qualified pharmacist is appointed to record the same.

Since the hospital does not supply narcotic drugs, these drugs are not stored in the hospital.

The ampule is handed over to the anesthetist through the OT in charge nurse only after receiving a proper prescription from the anesthetist. This drug is administered by the anesthetist. No other person is allowed to administer this drug. Any part of the unused drug is discarded personally by the anesthetist.

The appointed pharmacist is responsible for record maintenance.

The ampoules are delivered by the distributor directly to the concerned anesthetist for use.

**POLICY TO DESCRIBE PROCEDURE IMPLEMENTED BY THE AYURVEDIC  
MEDICINES DISPENSING UNIT FOR DISPOSAL OF EXPIRED MEDICINES**

*Purpose:*

This SoP describes the procedure implemented by the Ayurvedic medicines dispensing unit for disposal of expired medicines

*Scope:*

- Ayurvedic medicines dispensing unit of the hospital
- Herbal garden of the college

15

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01	10/05/2019	09/05/2020	

*Responsibility:*

Pharmacist

Appointed faculty of the department of Dravyaguna

**PROCEDURE:**

- ✓ In Ayurvedic medicines dispensing unit, a regular monitoring system enables the pharmacist to identify near expiry medicines.
- ✓ A list is prepared accordingly and circulated to all doctors to prefer prescribing these medicines on a priority basis before medicines are expired.
- ✓ However in instances of medicines remaining unused before expiry, such medicines [Herbal pills, powders, etc] are mixed in one container.
- ✓ Mixed material is then handed over to the appointed responsible faculty of the department of Dravyaguna .
- ✓ It is disposed under supervision of this concerned faculty in the herbal garden of Bharati Vidyapeeth (Deemed to be University), College of Ayurved and Hospital, Pune in vermiposts.
- ✓ This over the time converts to manure to be used in the garden itself.

16

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2. COLLEGE OF ENGINEERING, PUNE

BHARATI VIDYAPEETH UNIVERSITY  
COLLEGE OF ENGINEERING  
Dhankawadi, Pune - 411 043.

G No. 17411

RECEIPT

Date 09/9/2019 Date 09/9/2019

RECEIVED with thanks from Mr. / Miss. / Mrs. / M/s. Bosa Scrap Murchat Scrap Murchat

Address - -

a Sum of Rs. (in words) fifty four thousand Eight hundred Eighty four only. hundred Eighty four only.

by Cash / D.D. / Cheque No. - Dt. - Bank - nk -

on Account of Scrap p.

Rs. 54,884

Accountant / Cashier D

Accounts Officer / Principal

Accounts Officer / Principal

कॉलेजमधील श्रद्धा तपशील  
शुद्धीक प्रमाण

क्र. सं.	तपशील	दर किलोच्या	झालेले किलो	एकूण रुपये	विभाग
1)	माईल	8 रुपये kg	4362	34896/-	
2)	डुबलपीनका	19 kg	828	15732/-	
3)	न्यूज पेपर	11 kg	310	3410/-	
4)	इतर	3 kg	222+60	666/- + 180	
				Total	
				54704/-	
				180/-	
				<u>54884</u>	

श्री विकास साठे (सर)

श्री संदीप मुळक  
साठे

5782 kg

वेसिङ्ग स्थायक 7/9/19.

ईस : ① 48 ② 51 ③ 30 ④ 52 ⑤ 54 ⑥ 58  
K. S. Jangra  
293 K9

कॉम्प्युटर :

लः ① 32 ② 18 ③ 29 ④ 23 = 102 K9

मटेपेट : ① 15 ② 19 ③ 17 = 51 K9 (Patil M.B.)

मः - IT  
12 12 K9

रपेट V.T. 777 K9

3 ② 38 ③ 50 ④ 37 ⑤ 38 ⑥ 34 ⑦ 30 ⑧ 34 ⑨ 49  
41 ⑩ 41 ⑪ 43 ⑫ 30 ⑬ 41 ⑭ 28 ⑮ 45 ⑯ 38  
38 ⑰ 41 ⑱ 24 ⑲ 28 ⑳ 42 ㉑ फाईल 15  
42 श्री डोगरे. Page 15.

इल इलेक्ट्रिकलः -

3 ② 39 ③ 34 ④ 34 ⑤ 33 ⑥ 36 ⑦ 34 ⑧ 33 ⑨ 46 ⑩ 34  
0 ⑫ 58 ⑬ 31 ⑭ 40  
5.5 K9 संजम पयिल्

कमिक्ल

EDTC

मः ① 53 ② 46 ③ 60 ④ 26 ⑤ 39 ⑥ 47 ⑦ 67 ⑧ 55  
0 ⑩ 60 श्री खकर  
503 K9

कार्ड्स रिजिल्व

60 89 63 47 36 95 39 28 38

435 Kg

Rishan sandas

मुज पेर संशालय

142 92 67 301 109 119

मेकनिकल

54 61 52 53 58 55 66 46 45 59 45 47 57 35

733 Kg Vinayak mane

इल प्रोडक्शन

37 31 49 61 56 54 41 43 50 31 33 40 57 41 67 27

718 Kg

D.V. Lond

इल नकशाप

61 100 76 30

267 Kg

G.A. Gaikwad Gaikwad

3593

इल 48 47 35 20 22 11 22 47 49 30 35 21 30 35 25 27 35 28 31 22 28 38

769 Kg

Aradhana patil Alabani

Total file - 4362 Kg मुज पेर

परिक्षा विभाग :-

शर :

① 90 ② 112

③ 20 ④ 60

PNP



|| Shree Ganeshaya Namaha ||

**B**

# M/s. Bora Brothers

Waste Paper Merchant

9422001894

Authorised Govt. Contractors of Waste Paper & Suppliers of Waste Paper & Raw Materials for Paper Mills

78/2, Raviwar Peth, Govind Halwai Chowk, Pune - 411 002. (Maharashtra) Phone 24475809 Mobile ~~9422001894~~

Date: 7/9/2019

To,  
Bharati Vidyapeeth Deemed University  
Engineering College  
Pune

Sub:- Quotation for waste paper.

Ds. Rs.

Answer sheets - - - Per kg - - - 19=00 Minimum only.

News papers - - - Per kg - - - 11=00 Eleven only

File & magazines &  
Journals, Prospect - - - Per kg. - - - 8=00 Eight only

Other paper  
products - - - Per kg - - - 3=00 Three only.

For BORA BROTHERS



Proprietor

|| Shree ||

# Om Enterprises

WASTE PAPER MERCHANTS

- Authorised Govt. Contractors of Waste Paper
- Suppliers of Waste Paper & Scrap Material
- Raw Materials for Paper Mills

No. :

Date :

To

श्रीमान्  
 इन्दिरा नन्दन - गोपाल  
 गोपाल इन्डस्ट्रिज  
 एन्टरप्राइज  
 पुणे -

विवरण :- २६९६ ए२-५५५

महाराष्ट्र  
 असेल सायबलकवाडगाव २६९६  
 सायबलकवाड सायबलकवाड गाव सायबलकवाड  
 सायबलकवाड -  
 ए२-५५५

① असेलकवाड - 16200

② माली/सायबलकवाड - 10200

③ माली, माली - 6200  
 ए२-५५५

④ - असेलकवाड - 2200

ओम एन्टरप्राइज  
 सर्व्हे नं. १३३, सायबलकवाड  
 पुणे - ४११०३०.  
 फो. ९२२६२४३०७२

m-b-m

ता. 01/06/2017.

प्रति,

मा. प्राचार्य

भारती विद्यापीठ अभिमत विश्वविद्यालय  
अभियांत्रिकी महाविद्यालय, पुणे

विषय :- स्कॅप मटेरियल विकणेबाबत-----

महोदय,

उपरोक्त विषयास अनुसरून आपल्या महाविद्यालयामधील लाकडी व लोखंडी मटेरियल स्कॅप झालेले आहे ते स्कॅप मटेरियल पाण्याच्या टाकी शेजारी एकत्रित रित्या ठेवण्यात आलेले आहे. सध्या पावसाळ्याचे दिवस सुरू होणार आहेत येणाऱ्या पावसामुळे ठेवलेले स्कॅप मटेरियल संपूर्ण खराब होण्याची शक्यता आहे तरी सदर स्कॅप मटेरियल विकण्यास परवानगी मिळावी ही विनंती.

आपला विश्वासू

OFFICE SUPERINTENDENT  
Bharati Vidyapeeth University  
College of Engineering,  
Pune-Satara Road, Pune - 43

सोबत:- कोटेशन व स्कॅप लिस्ट जोडली आहे.

क्रा.पि. आद्येशकर

सदर अंगार साठ्याची सविस्तर यादी करणे. साठ्यातील ताई वगैरे जल दुरळ करणे वापरव्याज्येक लोक असल्यामुळे विकू नये. सदर विकलेले साठ्याचे श्याक प्रकारातील असल्यामुळे विकू नये. तिला वेगळ्या Agencies कडून परपत्र घेणे. प्रत्येक उपाय उपविजेत सदर घनकार करणे. सदर साठ्याची विक्री महाविद्यालय क्रा.पि. विभाग जता झाल्यानंतर साठ्याचे परवानगी देणे

BVU COLLEGE OF ENGG. Pune-Satara Rd., Pune-43.
Inward No.: 18
Date: 05/06/17
Sign: [Signature]

6-6-2017

15/04/2017

# कोटेशन

✓ ॐ साई स्कॅप सेंटर

इंजिनेरींग कॉलेज  
भारती विद्यापीठ पुणे ४३  
माननीय- प्राचार्य,

आपल्या येथील स्कॅप मटरेयल आम्हाला मिळावे ही नम्र विनंती

मटरियल	किलो	रूपये	पैसे
भंगार मटरियल	१	१८	००
प्लास्टिक मटरियल	१	९	२०
किरकोळ रद्दी	१	६	००
मराठी पेपर	१	११	००
इंग्रजी पेपर	१	११	००
लाकडी मटरियल	१	२	००

फोन नं :-

९६८९१४५११३

ओमसाई स्कॅप सेंटर  
महेश्वर कोटेशन  
प्रोप्रायटर

31612017

# कोटेशन

रोहन स्कॅप सेंटर

भारती विद्यापीठ  
बालाजीनगर धनकवडी  
पुणे सातारा रोड पुणे ४३.

मटरियल	किलो	रूपये	पैसे
भंगार मटरियल	१	१६	५०
प्लास्टिक मटरियल	१	९	२०
लाकडी मटरियल	१	१	५०
किरकोळ मटरियल	१	७	००
मराठी पेपर	१	१०	००
इंग्रजी पेपर	१	१०	००

आपल्या येथील स्कॅप मटरेयल आमहाला मिळावे ही नम्र विनंती

रोहन स्कॅप सेंटर

संतोष खंडाळे

फोन : ८३२९३३६९३९

S. K. K.

इंजिनेरींग कॉलेज  
भारती विद्यापीठ पुणे ४३  
माननीय- प्राचार्य,

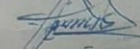
आपल्या येथील स्कॅप मटेरियल आम्हाला मिळावे ही नम्र विनंती

मटेरियल	किलो	रूपये	पैसे
भंगार मटेरियल	१	१७	५०
प्लास्टिक मटेरियल	१	१०	५०
किरकोळ रद्दी	१	६	००
मराठी पेपर	१	११	००
इंग्रजी पेपर	१	११	२०
लाकडी मटेरियल	१	२	००

फोन नं : ९५२७३०१०२४

मनिष स्कॅप सेंटर

मनिष स्कॅप सेंटर



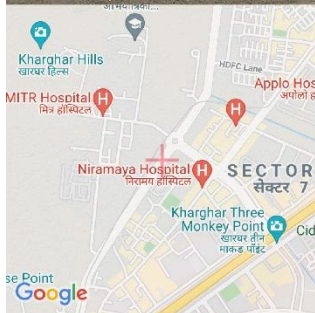


## स्कॅप मटेरियल

- 1) लोखंडी अ‍ॅल्युमिनियम जाळी. → 3
- 2) लोखंडी बेंच → 24/25 - अ‍ॅल्युमिनियम जाळी स्कॅप.
- 3) लोखंडी टेबल → 6/7
- 4) लोखंडी चेअर → 8/ते/9 स्कॅप.
- 5) लोखंडी विनडोज → 4/5 स्कॅप
- 6) लोखंडी कपार → 3 स्कॅप
- 7) वर्कशॉप लोखंडी मशीन → 1 स्कॅप.
- 8) लोखंडी प्लेट्स → 5/6 स्कॅप.
- 9) लोखंडी A/C कॉम्प्रेसर कव्हर → 2 स्कॅप
- 10) लोखंडी बंदुल → 3 स्कॅप.
- 11) लोखंडी वॉटर पार्शिंग → 7 स्कॅप.
- 12) लाकडी फाउन्डर टेबल → 20/22 स्कॅप.
- 13) लाकडी Key Board / ड्राइवर → 34/35 स्कॅप
- 14) कुलर स्कॅप → 1 स्कॅप
- 15) किरकोळ लोखंड → →
- 16) कॉम्प्रेसर A/c स्कॅप → 3
- 17) वर्कशॉप टेबल लोखंडी स्कॅप -



### 3. COLLEGE OF NURSING, NAVI MUMBAI



*B.V.D.U COLLEGE OF NURSING,NAVI MUMBAI*

*Rain tree marg belpada complex sector 7 .cbd belapur*



*Kharghar,Navi mumbai*

*Maharashtra,India*

*28°C*

*2021-09-28(Tue) 10:01(am)*

*82°F*

4. HOMEOPATHIC MEDICAL COLLEGE, PUNE



## 5. INSTITUTE OF ENVIRONMENT EDUCATION & RESEARCH

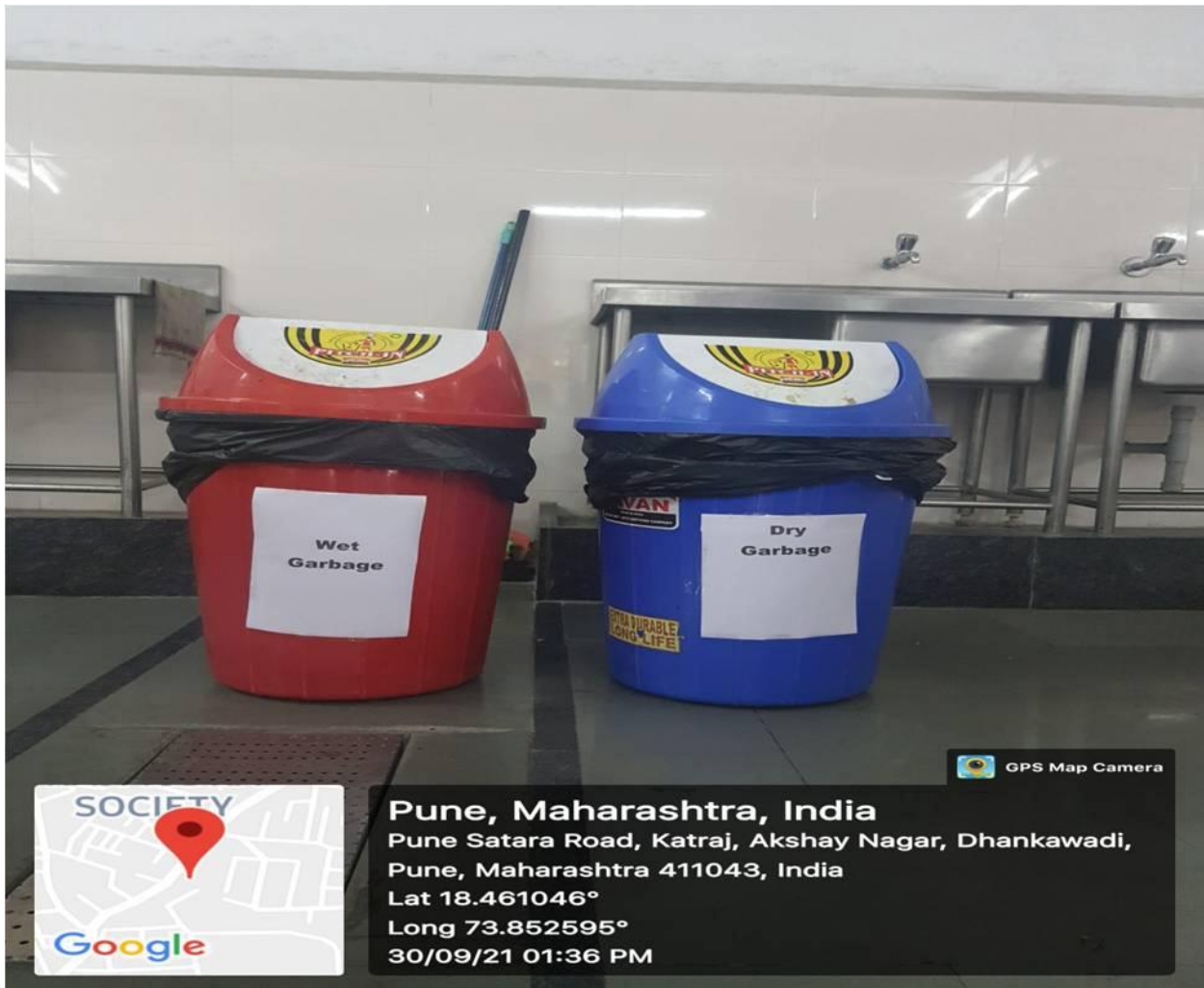


## DRUM COMPOSTS





6. INSTITUTE OF HOTEL MANAGEMENT & CATERRING TECHNOLOGY, PUNE



**Pune, Maharashtra, India**  
Pune Satara Road, Katraj, Akshay Nagar, Dhankawadi,  
Pune, Maharashtra 411043, India  
Lat 18.461046°  
Long 73.852595°  
30/09/21 01:36 PM

GPS Map Camera

## 7. INSTITUTE OF MANAGEMENT, KOLHAPUR

### COMPOST FERTILIZER SPACE



Kadamwadi - Jadhavwadi Rd, Tarabai Park, Kolhapur,  
Maharashtra 416005, India

Latitude

16.7143793°

Longitude

74.2552353°

Local 10:50:40 AM

GMT 05:20:40 AM

Altitude 475.9 meters

Thursday, 05-08-2021



Kadamwadi - Jadhavwadi Rd, Tarabai Park, Kolhapur, Maharashtra  
416005, India

Latitude

16.714164999999998°

Longitude

74.25532666666666°

Local 10:49:53 AM

GMT 05:19:53 AM

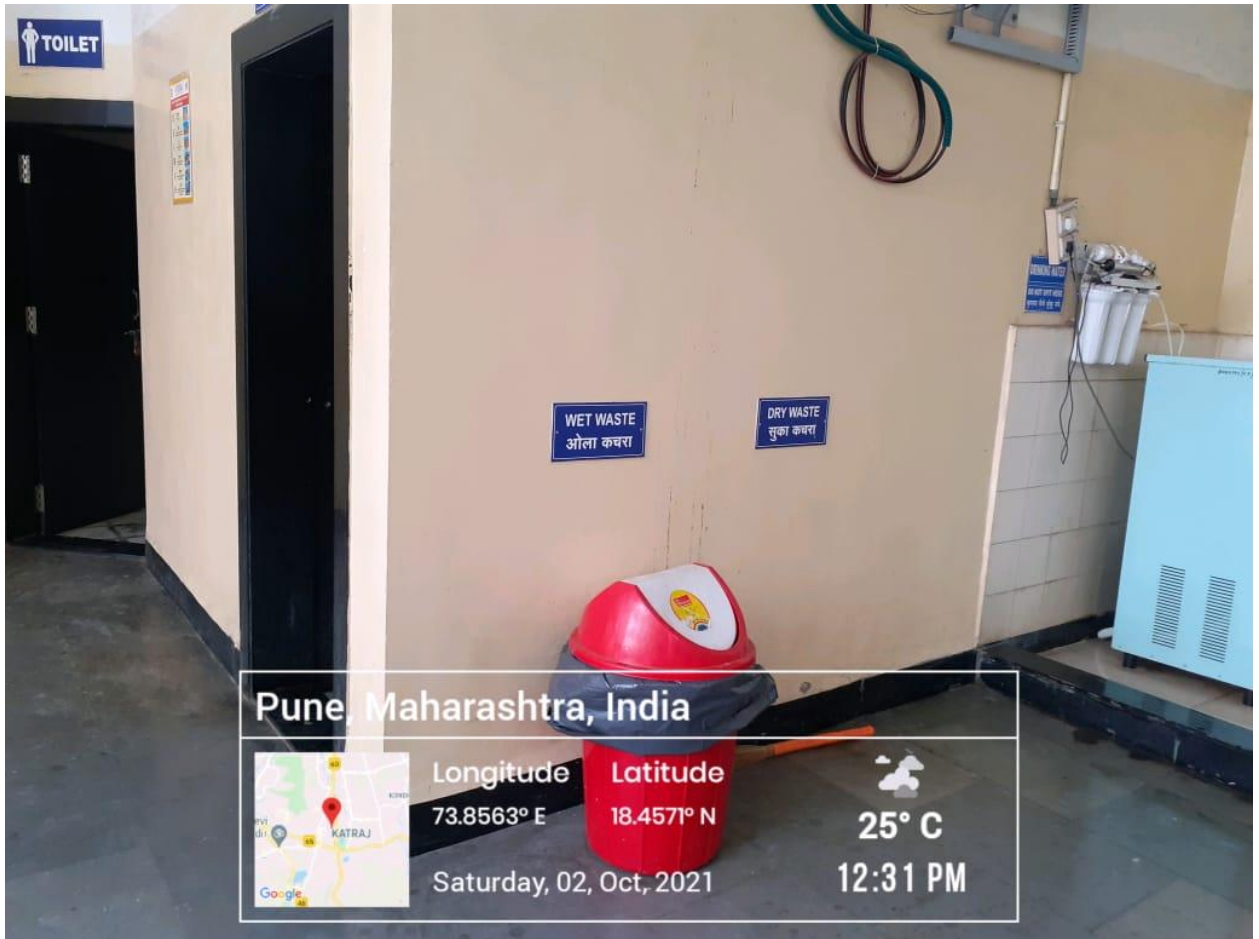
Altitude 556.3 meters

Thursday, 05-08-2021





9. MEDICAL COLLEGE, PUNE



10. YMIM, KARAD

Compost Pit:



**DIRECTOR**  
**BHARATI VIDYAPEETH**  
Deemed to be University of Pune (In<sup>ts</sup>)  
Yashwantrao Mohite Inst. of Management  
KARAD.

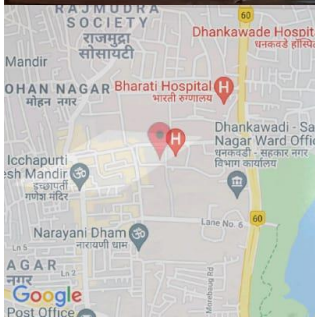
## LIQUID WASTE MANAGEMENT

1. ABHIJEET KADAM INSTITUE OF MANAGEMENT & SOCIAL SCIENCES, SOLAPUR

### 7.1.3 (2) Liquid Waste Management Centralised RO Setup Unit - New Building Roof



## 2. COLLEGE OF AYURVED, PUNE



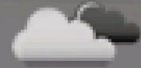
College of Ayurved, Medical College Rd, Bharati Vidyapeeth Campus, Dhankawadi, Pune, Maharashtra 411043, India

Pune

Maharashtra

India

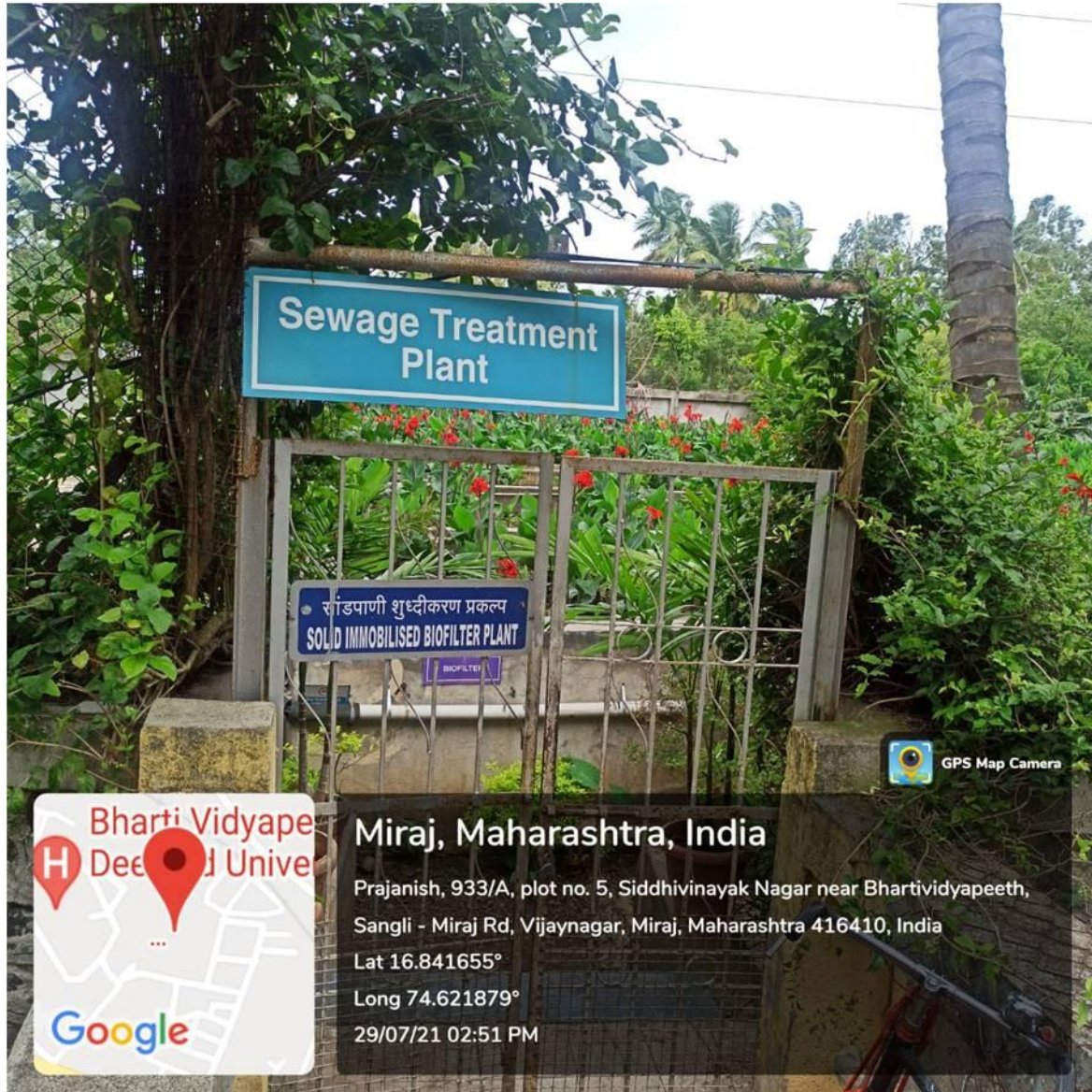
2021-09-11(Sat) 10:18(am)



23°C

73°F

3. DENTAL COLLEGE & HOSPITAL, NAVI MUMBAI





26, Sangli - Miraj Rd, Wanalesawadi, Vijaynagar, Sangli,  
Maharashtra 416410, India

Latitude  
16.8419398°

Longitude  
74.6198487°

Local 12:04:23 PM  
GMT 06:34:23 AM

Altitude 487 meters  
Tuesday, 14-09-2021

4. DENTAL COLLEGE & HOSPITAL, SANGLI





26, Sangli - Miraj Rd, Wanalesawadi, Vijaynagar, Sangli,  
Maharashtra 416410, India

Latitude  
16.8419398°

Longitude  
74.6198487°

Local 12:04:23 PM  
GMT 06:34:23 AM

Altitude 487 meters  
Tuesday, 14-09-2021



5. MEDICAL COLLEGE & HOSPITAL, SANGLI





## 6. MEDICAL COLLEGE, PUNE



7. YMIM, KARAD



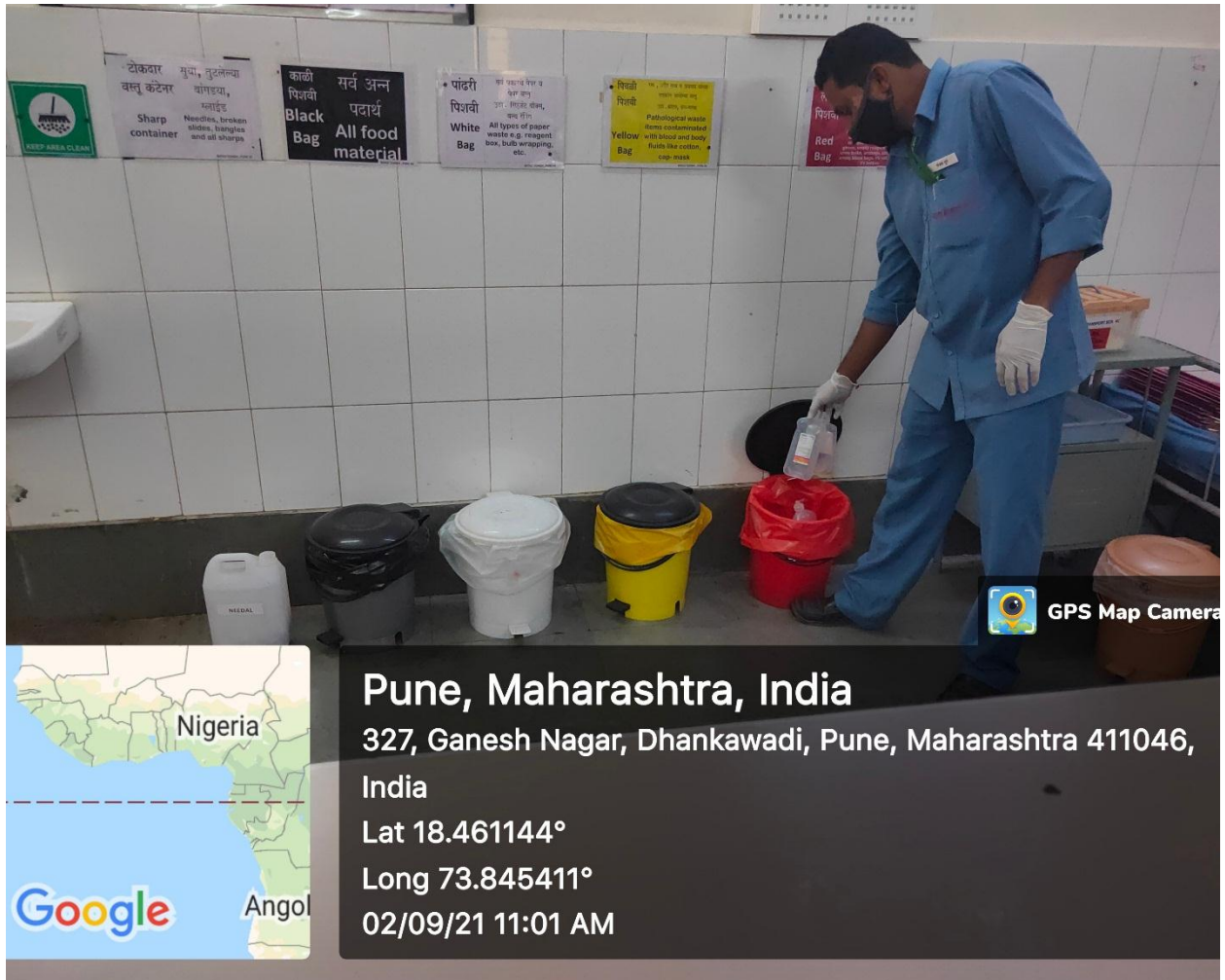
Malkapur, Maharashtra, India  
S.no. 114/1, Karad, Venkatesh Nagar,  
Malkapur, Maharashtra 415539, India  
Lat 17.253005° Long 74.175418°



**DIRECTOR**  
**BHARATI VIDYAPEETH**  
Deemed to be University of Pune (Institute)  
Yashwantrao Mohite Inst. of Management  
KARAD.

# BIO-MEDICAL WASTE MANAGEMENT

## 1. COLLEGE OF AYURVED, PUNE





**Pune, Maharashtra, India**  
3, Bharati Vidyapeeth Campus, Dhankawadi, Pune,  
Maharashtra 411043, India  
Lat 18.458937°  
Long 73.856252°  
02/09/21 11:09 AM

## **BMW MANAGEMENT**

### **Bharati Ayurved Hospital, Pune.**

**Bio-medical waste means** “any waste which is generated during...

- the diagnosis,
- treatment or
- immunization of human beings or animals or
- in research activities or
- in production or testing of biological

**Bio Medical waste consists of...**

- Human anatomical wastes like tissues, organs and body parts
- Animal wastes generated during research from veterinary hospitals
- Microbiology and biotechnology wastes
- Waste sharps like hypodermic needles, syringes, scalpels and broken glass
- Discarded medicines and cytotoxic drugs
- Solid waste such as dressing, bandages, plaster casts, material contaminated with blood, tubes and catheters
- Liquid waste from any of the infected areas
- Incineration ash and other chemical wastes

**Segregation...**

- Segregation refers to the basic separation of different categories of waste generated at source.
- Segregation is the most crucial step in bio-medical waste management.
- Effective segregation alone can ensure effective bio-medical waste management.

**Collection...**

- The collection of biomedical waste involves use of different types of container from various sources of biomedical wastes like Operation Theatre, laboratory, wards, kitchen, corridor etc.
  - The containers / bins should be placed in such a way that 100% collection is achieved.
- Sharps must always be kept in puncture-proof containers to avoid injuries and infection to the workers handling them.

**Yellow Bag**

Human and animal anatomical waste, soiled waste, expired or discarded medicines, chemical solid and liquid waste, microbiology, biotechnology and other clinical laboratory waste.

**Red Bag**

Contaminated Waste (Recyclable)

Wastes generated from disposable items such as tubing, bottles, intravenous tubes and sets, syringes (without needles and fixed needle syringes) and vacuoners with their needles cut) and gloves.

### **Black Bag**

Non Hazardous waste, Food items, Drink containers

### **White container**

Waste sharps including Metals , Needles, syringes with fixed needles, needles from needle tip cutter or burner, scalpels, blades, or any other contaminated sharp object that may cause puncture and cuts. This includes both used, discarded and contaminated metal sharps.



### **Transport**

- Offsite transport is the carriage of health-care waste on the public streets away from a health-care facility
- Biomedical Waste from storage area is transferred to the common regional facility for BMW final disposal - **Passco Environmental Solutions Pvt.Ltd, MPCB, Pune.**





QMS-ISO-9001:2015  
EMS-ISO-14001:2015  
Reg. No. RI91/8395



## CERTIFICATE

Division : PMC Registered

Date : 07/08/2019

This is to Certify that in terms of Bio Medical Waste Treatment Facility agreement dt. 20.04.2009 with pune Municipal Corporation, You are hereby granted registration for and on behalf of Pune Municipal Corporation From **01-04-2019 to 31-03-2020**

Registration No : 004364

PESPL Code	Name & Address of the Occupier	Category	No. Of Beds
NH000768	BHARATI AYURVED HOSPITAL BHARATI VIDYAPEETH CAMPUS PUNE-SATARA RD DHANKWADI PUNE - 411043	NURSING HOME	100

As per Biomedical Waste Management Rules, 2016 and MPCB norms, proper segregation & disposal of the same by delivering the waste to the CBWTF vehicle at designated point is the responsibility of individual Generator

Compliance as per MPCB rules as under be ensured from your end :-

1	Proper Segregation and Handling over the waste to us.
2	Waste sharps, needles, metals as per schedule I ( Category White ) of Biomedical Waste Management Rules, 2016 to be handed in puncture-proof, leak-proof, tamper-proof container with white barcode.
3	Glass material and metallic body implants after disinfection by soaking washed glassware after cleaning with detergent and Sodium Hypochlorite treatment or through autoclaving or microwaving or hydroclaving as per schedule I Category (a) & (b) Blue of Biomedical Waste Management Rules, 2016 to be handed over in cardboard box with blue barcode.
4	Ensure delivery of biomedical waste in red bag, yellow bag, white barcode container, blue barcode box to collection vehicle.
5	No untreated bio-medical waste should be kept stored a period of 48 hours.

**We hereby certify that the Bio Medical Waste received at our end is disposed off as per the norms laid down by MPCB from time to time**

For Passco Environmental Solutions Pvt. Ltd.

Authorized Signatory



**PASSCO ENVIRONMENTAL SOLUTIONS PVT. LTD.**


**Operator Common Bio-Medical Waste Treatment Facility for P.M.C./P.C.M.C. Area**


Regd. Office : "Narayani" 34/4 Erandawane, Behind Eisen Pharmaceuticals, Pune-411 004, India. **Telefax** : +91 20-6602 4765, 2546 7096

**P.M.C. Site Office** : Kailash Crematorium Compound, Next to Naidu Hospital, Pune - 411 001.

**P.C.M.C. Site Office** : S. No. 172, 173, 174, Y.C.M. Hospital, Ground Floor, Sant Tukaram Nagar, Pimori-411 018. **Tel.** : +91 20 2742 0395 6733 2149

2. DENTAL COLLEGE & HOSPITAL, NAVI MUMBAI

  
Towards sustainable growth



**Mumbai Waste Management Limited**

**SERVICE CERTIFICATE**

*Mrs. Bharati Vidyapeeth Deemed University Dental college*  
is a registered members of Hospital  
(CBD Belapur)  
CBMW-TSDF at MIDC, Talaja  
for safe & secure disposal of  
Bio Medical Waste.

Registration no.: MWML - BMW NVM-0518

This Certificate is valid upto  
31<sup>st</sup> March-2022 For 29 Beds.  
(Twenty Nine)


  
Somnath Malgar  
Project Head

Certificate No.: MWML-BMW-2021-2022/03124

1 of 1

**FORM II  
ANNUAL REPORT**

(To be submitted to the prescribed authority by 31 January every Year)

1	Particulars of the applicant			
	Name of the Authorised Person	DR. V. SREENIVASAN		
	Name of Institution	BHARATI VIDYAPEETH DEEMED UNIVERSITY DENTAL COLLEGE & HOSPITAL		
	Address	Sector:- 7, Landmark:- BELAPADA, Pin Code: 400611 022-27564646/27573196		
2	Tel. / Fax. No			
	Email			
2	Categories of Waste generated and quantity on a monthly average basis	Incinerable - 1,3,5,6 <b>70.53</b> Kg/month		
		Autoclavable - 4,7 <b>46.48</b> Kg/month		
3	Brief Details of the treatment facility	The Facility used Bio - Medical Waste Disposal Facility of Mumbai Waste Management Ltd., at Taloja.		
	(i) Name of the Operator	<b>Mumbai Waste Management Ltd.</b>		
	(ii) Address of facility	Plot No. P- 32, MIDC - Taloja, Tal. Panvel, Dist. Raigad, Maharashtra - 410 208 022 - 2740 1468 - 71 & 022 2741 1474		
4	Category-wise quantity of waste treated	Month	Incinerator Category 1,3,5,6 Kg/M	Sterilizable Category 4,7 Kg/M
		January	64.14	42.27
		February	67.35	44.38
		March	65.39	43.09
		April	68.65	45.25
		May	67.97	44.80
		June	70.29	46.32
		July	73.10	48.17
		August	73.84	48.66
		September	71.62	47.20
		October	75.92	50.03
		November	75.17	49.54
		December	72.98	48.09
		<b>Total</b>	<b>846.40</b>	<b>557.80</b>
5	Mode of Treatment	Incineration, Autoclaving, Shredding & Landfilling.		
6	Any other information	Nil		
7	Certified that the above report is for the period from 1 <sup>st</sup> Jan 2020 to 31 <sup>st</sup> Dec 2020			
	Date: 29.05.2021			
	Place: Taloja			

## SEGREGATION OF BIOMEDICAL WASTE



**Contaminated Waste:**  
Plastic Waste, Gloves,  
Injection Tips, Vacutainers,  
Infected Plastic Syringes  
Without Needles Or Cut  
needles.

**Infectious waste:**  
Cotton Dressing, Mask,  
Head Cap, Any Other  
Objects In Contact  
With Blood, Expired  
Drugs

**Glassware:**  
Broken/Discarded Glass  
Vials or Ampules,  
Metallic Body Implants

**Sharp Waste:**  
Discarded and  
Contaminated Metal Sharps  
Needles, Syringes With  
Fixed Needles, Scalpels,  
Blades

Bharati Vidyapeeth (Deemed to be University) Dental College and Hospital, Sangli

Department of Periodontology & Implantology  
**Bharati Vidyapeeth (Deemed to be) University  
Dental College and Hospital, Sangli**



Sangli, Maharashtra, India

RJVC+G6J, Vijaynagar, Sangli, Maharashtra 416410, India

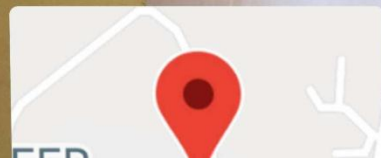
Lat 16.843357°

Long 74.618983°

21/09/21 03:45 PM

## BIOMEDICAL WASTE MANAGEMENT

INFECTIOUS	RECYCLABLE	GLASS & METAL	GENERAL WASTE	SHARP
Extracted tooth	Syringes	Local anaesthetic bottles	Paper	Needles
Body tissue parts	Gloves	Broken glass	Table cover	Blades
Gauze/ cotton	Suction tips	Ampoules	Tea cups	Stainless steel
Cotton swabs	I.V bottles	Dental implant	Plastic carry bags	Wire brushes
Body fluid contaminated plastic covers	Plastic bottles	Medicines vials		Endoscopes
Impression material	Rubber base	Packet of medicine & vials		Reamers
Fluoride trays	Mixing tips			Brokers
Acrylic /Suturing material	Cling film			Sutures
Expired/discarded medicines				
Silver x-ray films				
Formalin				



Interns E Batch 2018-19  
 Navi Mumbai, Maharashtra, India  
 Bharati Vidhyapeeth Institutional Complex Inter



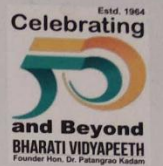
# BHARATI VIDYAPEETH

(DEEMED TO BE UNIVERSITY)

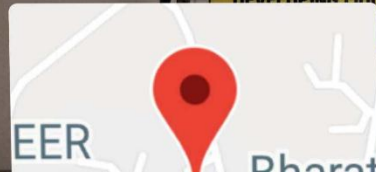
## DENTAL COLLEGE & HOSPITAL

KHARGHAR, NAVI MUMBAI

### DEPARTMENT OF ORAL & MAXILLOFACIAL SURGERY



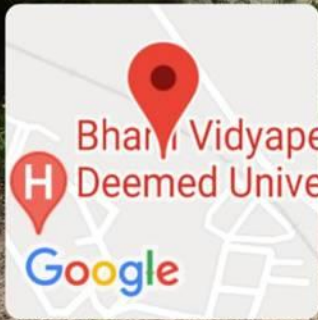
INFECTIOUS	RECYCLABLE	GLASS & METAL	GENERAL WASTE	SHARP ITEMS
EXTRACTED TOOTH	SYRINGES	LOCAL ANAESTHETIC	PAPER	NEEDLES
BODY TISSUE PARTS	GLOVES	BOTTLES	TABLE COVER	BLADE
GAUZE / COTTON	SUCTION TIPS	BROKEN GLASS	TEA CUPS	STAINLESS STEEL
COTTON SWABS	IV BOTTLES	AMPOULES	PLASTIC CARRY	WIRES & BRACKETS
BODY FLUID CONTAMINATED	PLASTIC BOTTLES	DENTAL IMPLANT	BAGS	ENDODONTIC REAMERS
PLASTIC COVERS	RUBBER BASE	MEDICINES VIALS		FILES
IMPRESSION MATERIAL	MIXING TIPS	PACKET OF		BROACHES
FLUORIDE TRAYS	CLING FILM	MEDICINE & VIALS		SUTURE NEEDLES
ACRYLIC / SUTURING MATERIAL				
EXPIRED / DISCARDED MEDICINES				
SILVER X-RAY FILM				
DEVELOPING LIQUID				



Navi Mumbai, Maharashtra, India

room no. 219, 2nd floor, Bharati Vidyapeeth college  
Belada, Kharghar, Navi Mumbai, Maharashtra 4102

## INCENERATION PLANT



**Sangli, Maharashtra, India**

1, Miraj Madhav Nagar Rd, Swami Samarth Nagar, Vijaynagar,  
Sangli, Maharashtra 416416, India

Lat 16.843088°

Long 74.621749°

29/07/21 02:52 PM



ISO9001-2008/EMS 14001-2004  
Reg No. RI91/8395

Bharati Vidyapeeth  
(Deemed to be University)  
Dental College & Hospital

Inward No.: 1418

Date: 28/01/2021

Sign: [Signature]

182  
J-176-M  
20-21  
PASSCO

Invoice No : U-II/BAG/2713

TAX INVOICE

Invoice Date : 28/01/2021

To,  
[DP001850] BHARATI VIDYAPEETH ABHIMAT UNIVERSITY DENTAL COLLEGE  
PUNE  
KATRAJ-DHANKWADI EDUCATIONAL COMPLEX PUNE  
411043

GSTIN/UID: NULL

- DO NOT MISUSE THE BARCODES BY HANDING OVER/TRANSFER TO OTHER HCE
- BARCODE STICKERS MUST BE RETURNED TO OUR COMPANY, IN THE EVENT OF CLOSURE OF YOUR HCE.

Sr. no	Description	Bag Color	HSN Code	Quantity	Amount
1	RED LARGE 20X30 ( 1 PKT = 50 BAGS ) 003293R7AA050 To 003293R7AA649	R	3923	600	7443.72
2	YELLOW LARGE 20X30 ( 1 PKT = 50 BAGS ) 003293Y7AA050 To 003293Y7AA649	Y	3923	600	7443.72

विलासराजे पासको वॉट करवावली  
आणक्या आठे  
Shukla  
28/1/2021.

Sub Total				14887.44
Received By Cheque. Cheque No. Cheque Date: 28-Jan-2021		CGST 9.00%	1339.87	-
		SGST 9.00%	1339.87	-
		IGST 0.00%	0.00	-
Total GST				2679.74
Rupees Seventeen Thousand Five Hundred Sixty Seven Only				Total (Rs.) 17567.18
Total Rounded Amount to be paid				17567.00

<b>PESPL Registration Details</b> GSTIN : 27AADCP8396C1Z5 PAN No : AADCP8396C	1.ANY OBJECTION IN/TO THIS BILL MUST BE RAISED WITHIN SEVEN DAYS 2.GOODS ONCE SOLD WILL NOT BE TAKEN BACK. 3.BILL OUTSTANDING FOR PAYMENT MORE THAN 15 DAYS WILL ATTRACT INTEREST @24% P.A.	<b>FOR P.E.S.P. Ltd.</b>  <b>AUTHORISED SIGN.</b>
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Created By: KiranP

Transporation - Ex-Works

PASSCO Environmental Solutions Pvt. Ltd.

Operator : Common Bio-Medical Waste Treatment Facility For P.M.C. & P.C.M.C. Area

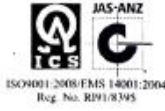
Regd. Office : Narayani, 34/4, Erandwana, Behind Eisen Pharmaceuticals, Pune - 411 004 Tel. +91 -20 -66024765, 25467096  
Telefax : +91.20.25467096 Pune- 411004  
P.M.C Site Office : Kailash Crematorium Compound, Next to Naidu Hospital, Pune - 411001  
P.C.M.C Site Office : S. No 172, 173, 174, Y.C.M. Hospital, Ground Floor, Sant Tukaram Nagar Pimpri-411018. Tel.:+912027420395, 67332149  
CIN: U33129PN2005PTC020340 E-mail : helpdesk@passco.in Web Site : www.passco.in

Mr. Anil Kadam to pay.

Shukla : 29/01/2021



3. DENTAL COLLEGE & HOSPITAL, PUNE



**Bharati Vidyapeeth**  
(Deemed to be University)  
**Dental College & Hospital**

Inward No.: 1418  
Date: 28/01/2021  
Sign: [Signature]



Invoice No :U-IV/BAG/2713

Invoice Date : 28/01/2021

To, [DP001850] BHARATI VIDYAPEETH ABHIMAT UNIVERSITY DENTAL COLLEGE PUNE KATRAJ-DHANKWADI EDUCATIONAL COMPLEX PUNE 411043						GSTIN/UID: NULL	
1. DO NOT MISUSE THE BARCODES BY HANDING OVER/TRANSFER TO OTHER HCE 2. BARCODE STICKERS MUST BE RETURNED TO OUR COMPANY, IN THE EVENT OF CLOSURE OF YOUR HCE							
Sr. no	Description	Bag Color	HSN Code	Quantity	Amount		
1	RED LARGE 20X30 ( 1 PKT = 50 BAGS ) 003293R7AA050 To 003293R7AA649	R	3923	600	7443.72		
2	YELLOW LARGE 20X30 ( 1 PKT = 50 BAGS ) 003293Y7AA050 To 003293Y7AA649	Y	3923	600	7443.72		
					Sub Total	14887.44	
Received By Cheque, Cheque No. Cheque Date: 28-Jan-2021			CGST 9.00%	1339.87	-		
			SGST 9.00%	1339.87	-		
			IGST 0.00%	0.00	-		
					Total GST	2679.74	
Rupees Seventeen Thousand Five Hundred Sixty Seven Only					Total (Rs.)	17567.18	
					Total Rounded Amount to be paid	17567.00	
<b>PESPL Registration Details</b> GSTIN : 27AADCP8396C1Z5 PAN No : AADCP8396C		1. ANY OBJECTION IN/TO THIS BILL MUST BE RAISED WITHIN SEVEN DAYS 2. GOODS ONCE SOLD WILL NOT BE TAKEN BACK. 3. BILL OUTSTANDING FOR PAYMENT MORE THAN 15 DAYS WILL ATTRACT INTEREST @24% P.A.			<b>FOR P.E.S.P. Ltd.</b> [Signature] AUTHORISED SIGN.		
Created By: KiranP		Transporation - Ex-Works					
PASSCO Environmental Solutions Pvt. Ltd.							
Operator : Common Bio-Medical Waste Treatment Facility For P.M.C. & P.C.M.C. Area							
Regd. Office :Narayani, 34/4, Erandwana, Behind Eisen Pharmaceuticals, Pune - 411 004 Tel. +91 -20 -66024765, 25467096 Telefax :+91.20.25467096 Pune- 411004 P.M.C Site Office :Kallash Crematorium Compound, Next to Naidu Hospital, Pune - 411001 P.C.M.C Site Office :S. No 172, 173, 174, Y.C.M. Hospital, Ground Floor, Sant Tukaram Nagar Pimpri-411018. Tel.:+912027420395, 67332149 CIN: U33129PN2005PTC020340 E-mail : helpdesk@passco.in Web Site : www.passco.in							

बिलासपुर पास्को वॉट कम्प्लायन्स  
अपडेट करण  
Shukla  
28/1/2021.

Mr. Anil Kadam to pay.  
[Signature] : 29/01/2021

4. DENTAL COLLEGE & HOSPITAL, SANGLI





Incineration Plant

GPS Map Camera



### Sangli, Maharashtra, India

1, Miraj Madhav Nagar Rd, Swami Samarth Nagar, Vijaynagar,

Sangli, Maharashtra 416416, India

Lat 16.843088°

Long 74.621749°

29/07/21 02:52 PM



Unnamed Road, Vijaynagar, Sangli, Maharashtra 416410,  
India

Latitude

16.840931666666666°

Longitude

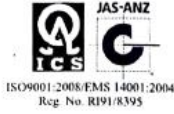
74.62064000000001°

Local 11:57:32 AM

GMT 06:27:32 AM

Altitude 559.3 meters

Tuesday, 14-09-2021



Bharati Vidyapeeth  
(Deemed to be University)  
Dental College & Hospital

182  
J-176-M  
20-21  
PASSCO

Inward No.: 1448  
Date: 28/1/2021  
Sign: *[Signature]* TAX INVOICE

Invoice No : U-II/BAG/2713

Invoice Date : 28/01/2021

To,  
[DP001850] BHARATI VIDYAPEETH ABHIMAT UNIVERSITY DENTAL COLLEGE GSTIN/UID: NULL  
PUNE  
KATRAJ-DHANKWADI EDUCATIONAL COMPLEX PUNE  
411043

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*विलासराजे पाळो बॅग कचरापाठी  
आमच्या आठिते  
Shreeani  
28/1/2021.*

Sub Total			14887.44
Received By Cheque. Cheque No. Cheque Date: 28-Jan-2021		CGST 9.00%	1339.87
		SGST 9.00%	1339.87
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Total GST			2679.74
Rupees Seventeen Thousand Five Hundred Sixty Seven Only			Total (Rs.) 17567.18
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<b>PESPL Registration Details</b> GSTIN : 27AADCP8396C1Z5 PAN No : AADCP8396C	1. ANY OBJECTION IN/TO THIS BILL MUST BE RAISED WITHIN SEVEN DAYS 2. GOODS ONCE SOLD WILL NOT BE TAKEN BACK. 3. BILL OUTSTANDING FOR PAYMENT MORE THAN 15 DAYS WILL ATTRACT INTEREST @24% P.A.	<b>FOR P.E.S.P. Ltd.</b> <i>[Signature]</i> <b>AUTHORISED SIGN.</b>
---	--	---

Created By: KiranP Transporation - Ex-Works  
**PASSCO Environmental Solutions Pvt. Ltd.**  
 Operator : Common Bio-Medical Waste Treatment Facility For P.M.C. & P.C.M.C. Area  
 Regd. Office : Narayani, 34/4, Erandwana, Behind Eisen Pharmaceuticals, Pune - 411 004 Tel. +91 -20 -66024765, 25467096  
 Telefax : +91.20.25467096 Pune- 411004  
 P.M.C Site Office : Kailash Crematorium Compound, Next to Naidu Hospital, Pune - 411001  
 P.C.M.C Site Office : S. No 172, 173, 174, Y.C.M. Hospital, Ground Floor, Sant Tukaram Nagar Pimpri-411018, Tel.:+912027420395, 67332149  
 CIN: U33129PN2005PTC020340 E-mail : helpdesk@passco.in Web Site : www.passco.in

*Mr. Anil Kadans to pay.  
 Thiru.*

## 5. IRSHA, PUNE

### INSTITUTIONAL BIOSAFETY COMMITTEE (IBSC)

Approved by DBT, India

Name and Designation	Role
Dr. Akhilesh Chandra Mishra Director IRSHA.	Chairman
Dr. Gajanan Sapkal Scientist D, National Institute of Virology, Pune.	DBT nominee
Dr. Harshad Patil Associate Professor, Department of Communicable Disease, IRSHA.	Member Secretary
Dr. Meera Modak, Head of the Department Microbiology, Bharati Vidyapeeth Medical College and Hospital, Pune Incharge, Central Clinical Laboratory, Bharati Hospital, Pune.	Outside Expert
Dr. Supriya Bhalerao Associate Professor, IRSHA, Bharati Vidyapeeth University, Pune.	Biosafety Officer
Dr. Vidya Arankelle Senior Scientist, IRSHA, Bharati Vidyapeeth University, Pune.	Internal Experts
Dr. Deepali Sundarani, Assistant Professor, IRSHA, Bharati Vidyapeeth University, Pune.	
Dr. Ruchika Kaul-Ghanekar Associate Professor, IRSHA, Bharati Vidyapeeth University, Pune.	



Prof. Dr. Shivajirao Kadam  
M.Sc., Ph.D.  
Chancellor

Prof. Dr. M. M. Salunkhe  
M.Sc., Ph.D., F.R.S.C.  
Vice Chancellor

**Bharati Vidyapeeth**  
(Deemed to be University)  
Founder Chancellor : Dr. Patangrao Kadam

**INTERACTIVE RESEARCH SCHOOL FOR HEALTH AFFAIRS  
(IRSHA)**

★ Accredited with 'A' Grade (2017) by NAAC ★  
★ Category-I University Status by UGC ★  
★ NIRF Ranking - 66 ★

"Social Transformation Through Dynamic Education"



Dr. Wishwajeet Kadam  
B.Tech., M.B.A., Ph.D.  
Pro Vice Chancellor

Dr. A. C. Mishra  
M.Sc., Ph.D., LL.B., FIASc, FNA  
Director

Ref. No. : BVDU /IRSHA/ 150 / 2020-2021


Date : 26/05/2020

A new committee was reconstituted since an earlier member Dr Divya Tiraki was retired from the institute. Dr Suhas Mhaske was selected as a new committee member. The following members will constitute 'Environment Health and Safety (EHS) Cell of IRSHA.

Dr Supriya Bhalerao, Chairperson  
Dr Amrita Khaire, Member  
Dr Suhas Mhaske, Member  
Mrs. Vaishali Kadam, Secretary Member  
Mr. Rahul Kadu, Member  
Mr Tushar Bhosale, Member

Scope of the work:

1. Monitoring of EHS issues
2. Implementation of control measures
3. Monitoring management and disposal of biomedical and other waste
4. Health related issues
5. Safety issues
6. Organizing of mock exercises for staff members
7. Arranging periodic training program
8. Preparation of disaster management plan

  
Dr AC Mishra  
Director, IRSHA

CC:  
Dr Supriya Bhalerao, Chairperson  
Dr Amrita Khaire, Member  
Dr Suhas Mhaske, Member  
Mrs. Vaishali Kadam, Secretary Member  
Mr. Rahul Kadu, Member  
Mr Tushar Bhosale, Member

**BHARATI VIDYAPEETH DEEMED UNIVERSITY**  
**INTERACTIVE RESEARCH SCHOOL FOR HEALTH AFFAIRS (IRSHA), PUNE**

Date: - 15.06.2019

A committee consisting of the following members will constitute Environment Health & Safety (EHS) Cell of IRSHA. Experts may be invited as and when required to help the committee to achieve the objectives.

Dr. Supriya Bhalerao, Chairperson,

Dr. Divya Tiraki, Member

Dr. Amrita Khaire, Member

Mrs. Vaishali Kadam, Secretary Member

Eng. Rahul Kadu, Member

Mr. Tushar Bhosale, Member

*Bhalerao*  
*Tiraki*  
*Khaire*  
*Vaishali*  
*Rahul Kadu*  
*T. Bhosale*

Scope of work:-

- 1) Monitoring of EHS issue
- 2) Implementation of control measures
- 3) Monitoring management and disposal of biomedical & other wastage
- 4) Health related issues
- 5) Safety issues
- 6) Organizing of mock exercises for staff members
- 7) Arranging periodic training program
- 8) Preparation of disaster management plan

  
Dr. A. C. Mishra  
Director, IRSHA





QMS-ISO-9001:2008  
 EMS-ISO-14001:2004  
 Reg. No. RI91/8395  
 Division : PMC Registered



## CERTIFICATE

Date : 02/07/2019

This is to Certify that in terms of Bio Medical Waste Treatment Facility agreement dt. 20.04.2009 with Pune Municipal Corporation, you are hereby granted registration for and on behalf of Pune Municipal Corporation from **02/07/2019** till **31/03/2020**

Registration No. 006992

PESPL Code	Name & Address of the Occupier	Category	No. of Beds
PL000518	INTERACTIVE RESEARCH SCHOOL FOR HEALTH AFFAIRS (MISHR)  SR.NO 79/80/81/76/4 (F),,BHARATI VIDYAPITH,,KATRAJ,,PUNE,411046	PATHOLOGICAL LAB	N.A.

As per Biomedical Waste Management Rules, 2016 and MPCB norms, proper segregation & disposal of the same by delivering the waste to the CBWTF vehicle at designated point is the responsibility of individual Generator.

Compliance as per MPCB rules as under be ensured from your end :-

1	Proper segregation and handing over the waste to us.
2	Waste sharps, needles, metals as per schedule I ( Category White ) of Biomedical Waste Management Rules, 2016 to be handed in puncture-proof, leak-proof, tamper-proof container with white barcode.
3	Glass material and metallic body implants after disinfection by soaking washed glassware after cleaning with detergent and Sodium Hypochlorite treatment or through autoclaving or microwaving or hydroclaving as per schedule I Category (a) & (b) Blue of Biomedical Waste Management Rules, 2016 to be handed over in cardboard box with blue barcode.
4	Ensure delivery of biomedical waste in red bag, yellow bag, white barcode container, blue barcode box to collection vehicle.
5	No untreated bio-medical waste should be kept stored beyond a period of 48 hours.

**We hereby certify that the Bio Medical Waste received at our end is disposed off as per the norms laid down by MPCB from time to time**

For Passco Environmental Solutions Pvt. Ltd.

Authorized Signatory



### PASSCO ENVIRONMENTAL SOLUTIONS PVT. LTD.

**Operator Common Bio-Medical Waste Treatment Facility for P.M.C./P.C.M.C. Area**

Regd. Office : "Narayani" 34/4 Erandawane, Behind Eisen Pharmaceuticals, Pune-411 004. India. **Telefax** : +91 20-6602 4765, 2546 7096

**P.M.C. Site Office** : Kalash Crematorium Compound, Next to Naidu Hospital, Pune - 411 001.

**P.C.M.C. Site Office** : S. No. 172, 173, 174, Y.C.M. Hospital, Ground Floor, Sant Tukaram Nagar, Pimpri-411 018, Tel. : +91 20 2742 0395, 6733 2149

• Email : [helpdesk@passco.in](mailto:helpdesk@passco.in) • Website : [www.passco.in](http://www.passco.in)

CIN : U33129PN2005PTC020340



QMS-ISO-9001:2015  
EMS-ISO-14001:2015  
Reg. No. RI91/8395



# CERTIFICATE

Division : PMC Registered

Date : 30/04/2020

This is to Certify that in terms of Bio Medical Waste Treatment Facility agreement dt. 20.04.2009 with pune Municipal Corporation, You are hereby granted registration for and on behalf of Pune Municipal Corporation From **01-04-2020 to 31-03-2021**

Registration No : 006992

PESPL Code	Name & Address of the Occupier	Category	No. Of Beds
PL000518	INTERACTIVE RESEARCH SCHOOL FOR HEALTH AFFAIRS (MISHRA AKHILESHCHANDRA RAJMANI) SR.NO 79/80/81/76/4 (F) BHARATI VIDYAPITH KATRAJ PUNE - 411046	PATHOLOGICAL LAB	0

As per Biomedical Waste Management Rules, 2016 and MPCB norms, proper segregation & disposal of the same by delivering the waste to the CBWTF vehicle at designated point is the responsibility of individual Generator

Compliance as per MPCB rules as under be ensured from your end :-

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2	Waste sharps, needles, metals as per schedule I ( Category White ) of Biomedical Waste Management Rules, 2016 to be handed in puncture-proof, leak-proof, tamper-proof container with white barcode.
3	Glass material and metallic body implants after disinfection by soaking washed glassware after cleaning with detergent and Sodium Hypochlorite treatment or through autoclaving or microwaving or hydroclaving as per schedule I Category (a) & (b) Blue of Biomedical Waste Management Rules, 2016 to be handed over in puncture-proof & leak-proof container with blue barcode.
4	Ensure delivery of biomedical waste in red bag, yellow bag, white barcode container, blue barcode container to collection vehicle.
5	No untreated bio-medical waste should be kept stored a period of 48 hours.

**We hereby certify that the Bio Medical Waste received at our end is disposed off as per the norms laid down by MPCB from time to time**

For Passco Environmental Solutions Pvt. Ltd.

Authorized Signatory

**PASSCO ENVIRONMENTAL SOLUTIONS PVT. LTD.**

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Regd. Office : "Narayani" 34/4 Erandawane, Behind Eisen Pharmaceuticals, Pune-411 004. India. Teletax : +91 20-6602 4765, 2546 7096

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• Email : [helpdesk@passco.in](mailto:helpdesk@passco.in) • Website : [www.passco.in](http://www.passco.in)

CIN : U12212PB2005PTC020340

## 6. MEDICAL COLLEGE & HOSPITAL, SANGLI

### INCENERATION PLANT





**Sangli, Maharashtra, India**

**Unnamed Road, Vijaynagar, Sangli, Maharashtra 416410, India**

**Lat 16.844597°**

**Long 74.618036°**

**21/09/21 03:50 PM**



Bharati Vidyapeeth  
(Deemed to be University)  
Pune, India.



Prof. Dr. Shivajirao Karlam  
M.Sc., Ph.D.  
Chancellor

Prof. Dr. M. M. Salunkhe  
M.Sc., Ph.D., F.R.S.C.  
Vice Chancellor

Founder Chancellor : Dr. Patangrao Kadam  
MEDICAL COLLEGE AND HOSPITAL, SANGLI

\* Accredited with 'A' Grade (2017) by NAAC \*  
\* Deemed University Status by UGC \*  
\* NIRF Ranking - 95 \*

Dr. Vishwanath Kadam  
B.Tech., M.B.A., Ph.D.  
Pro Vice Chancellor  
Dr. R. B. Kulkarni  
M.B.  
Dean

"Social Transformation Through Dynamic Education"

Dr. D. G. Mote  
MS. (Surgery), FMS  
Medical Superintendent

Ref. No. : BV (DV)/MCH/...../19

Date : 08/06/19.

## Bio-Medical Waste Management Memorandum of understanding

This MOU entered into on the 19 March day of the year 2019 at Sangli BETWEEN

M/s Sakshi plastic kupwad (MPCB Consent no RO-KOP/CONSENT/1905001421/321/19)  
hereinafter called as Service Provider (SP) with its Registered Office at Kupwad  
represented by Mr. Amol Anant Sawant Authorized Signatory AND Bharati Vidyapeeth (Deemed to be University) Medical college and Hospital Sangli (hereinafter referred to as the GENERATOR represented by Dr. D G Mote ( Medical Superintendent)

Whereas SP has setup a common facility at Shivshakti nagar, Behind Sahyadri Starch Factory Kupwad tal- Miraj Dist- Sangli for collection, Storage, disposal of Red Category Bio-Medical Waste (hereinafter called as BMW) generated by the Health Care Establishment.

Whereas SP offers to provide services to the GENERATOR on a User Pay principle for collection, transportation & disposal of Plastic BMW.

Whereas SP undertakes the liability of collection, transportation, disposal of BMW, the GENERATOR shall undertake to adhere to this contract of service by SP for a minimum period of 3 years from the agreement date. Both parties could terminate the contract after giving a notice of minimum one month to other party.

Whereas the GENERATOR Hospital agrees to avail the services being provided by SP with the terms and conditions as listed on succeeding paras;

### RESPONSIBILITIES OF SP

1. SP shall meet all the rules and regulations stipulated by the Maharashtra Pollution control Board and the GENERATOR shall not be liable for improper handling and management of BMW.
2. SP alone is liable for violation of the Environment (Protection) Act 1986 and the relevant rules made there under, after collection of BMW from the GENERATOR unit as per the agreement terms and conditions.
3. SP shall daily collect BMW from the hospital. In case of failure to collect the BMW from the designated time the SP shall be informed by the GENERATOR to strictly collect BMW within the next 24 hours.
4. SP shall collect the segregated bio-medical waste from the identified common waste collection site in the hospital.
5. SP shall transport the segregated waste in closed container vehicle to the treatment plant.

Sangli-Miraj Road, Sangli - 416 416.

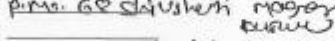
Phone : 0233 - 2601592/ 93/ 94, E-mail : [bharatihospitalsangli@gmail.com](mailto:bharatihospitalsangli@gmail.com), Website : <http://mchsangli.bharativedyapeeth.edu>

6. SP shall schedule the field visits for collecting the waste in consultation with the hospital which would be notified in advance.
7. SP shall attend to all the complaints within the shortest time possible.
8. SP promises to keep high standard of pollution control and shall update its equipment/facility as and when required.

#### RESPONSIBILITIES OF THE GENERATOR

1. The GENERATOR shall segregate the waste at the point of generation in accordance with the BMW (M&H) rules, 2016 and in compliance with the standards prescribed there under.
2. The GENERATOR shall collect the segregated BMW in plastic bags as stipulated by Ministry of Environment.
3. All the bags shall be sealed tightly by the GENERATOR and SP will collect the sealed bags only at a secured designated point in the hospitals.
4. The GENERATOR shall establish a common secured waste collection within the hospital for collection and final disposal to SP at common Bio-Medical waste Treatment facility.
5. The GENERATOR shall maintain all the relevant records and make report the accidents, if any, as prescribed under the rules.
6. GENERATOR shall be responsible for appropriate treatment and shredding of disinfected waste at the centralized facility as per Schedule-1 of the BMW (M&H) rules, 2016


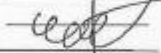
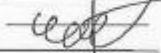
#### SERVICE PROVIDER

Name: Amal A. Sawaf  
Address: p.m.o. G.E. Shiksha nagar  
Signature: 

For Sakshi Plastic

  
Proprietor

#### GENERATOR

Name:   
Address:   
Signature: 

Medical Superintendent  
Gharzi Vidyapeeth (Deemed to be University)  
Medical College & Hospital, Sangli-416 416

MAHARASHTRA POLLUTION CONTROL BOARD  
REGIONAL OFFICE KOLHAPUR

Phone : 0231-2652955 / 2652952

Fax : 0231-2652952

Email : rokolhapur@mpcb.gov.in



(Living Bhawan Near Collector Office)

Kolhapur - 416003

Visit At : <http://mpcb.gov.in>

Orange/S.S.I

Date: 23/05/2019

Consent No: RO-KOLHAPUR/CONSENT/190500142132119.

Renewal of Consent to Operate under Section 26 of the Water (Prevention & Control of Pollution) Act, 1974 & under Section 21 of the Air (Prevention & Control of Pollution) Act, 1981 and Authorization/ Renewal of Authorization under Rule 5 of the Hazardous Wastes (Management, Handling & Transboundary Movement) Rules 2016

[To be referred as Water Act, Air Act and HW (M&H) Rules respectively].

.....  
CONSENT is hereby granted to

M/S.- Sakshi Plastic  
Plot No.68, Shivshakti Nagar, Behind Sahyadri  
Starch Factory, Kupwad.  
Tal.- Miraj, Dist.- Sangli.,

located in the area declared under the provisions of the Water Act, Air act and Authorization under the provisions of HW(M&H) Rules and amendments thereto subject to the provisions of the Act and the Rules and the Orders that may be made further and subject to the following terms and conditions:

1. The Consent to Renewal is granted for a period up to: 31.03.2025.

2. The Consent is valid for the manufacture of -

Sr. No.	Product Name	Maximum Quantity	UOM
1	Plastic Granuels	4	MT/M

(Without use of any chemicals and washing, from plastic waste)

Industry shall carry out the production as per the Govt. of Maharashtra's Notification No. Plastic - 2018/C.R. No. 24/TC-4, dated 23<sup>rd</sup> March 2018 and amendments there after.

3. CONDITIONS UNDER WATER ACT:

- (i) The daily quantity of trade effluent from the factory shall be Nil  
(ii) The daily quantity of sewage effluent from the factory shall not exceed 0.2 M<sup>3</sup>  
(iii) Trade Effluent :- N.A.:  
(iv) Trade Effluent Disposal: - N.A.

(v) Sewage Effluent Treatment: The applicant shall provide comprehensive treatment system as is warranted with reference to influent quality and operate and maintain the same continuously so as to achieve the quality of treated effluent to the following standards.

- |                       |               |     |       |
|-----------------------|---------------|-----|-------|
| (1) Suspended Solids  | Not to exceed | 100 | mg/l. |
| (2) BOD 3 days 27o C. | Not to exceed | 100 | mg/l. |

MPCB-CONSENT-0000068383

Page 1 of 4



(vi) Sewage Effluent Disposal: The treated domestic effluent shall be soaked in a soak pit, which shall be got cleaned periodically. Overflow, if any, shall be used on land for gardening / plantation only.

(vii) Non-Hazardous Solid Wastes:

Sr. No	Type Of Waste	Quantity	UOM	Treatment	Disposal
1	Waste extruded plastic	0.5	MT/M	-	By Recycle

(viii) Other Conditions: Industry should monitor effluent quality regularly.

4. The applicant shall comply with the provisions of the Water (Prevention & Control of Pollution) Cess Act, 1977 (to be referred as Cess Act) and amendment Rules, 2003 there under

The daily water consumption for the following categories is as under:

(i) Domestic	...	1.00 CMD
(ii) Industrial Processing	...	0.50 CMD
(iii) Industrial Cooling	...	0.00 CMD
(iv) Agriculture / Gardening	...	0.50 CMD

The applicant shall regularly submit to the Board the returns of water consumption in the prescribed form and pay the Cess as specified under Section 3 of the said Act.

5. CONDITIONS UNDER AIR ACT :

(i) The applicant shall install a comprehensive control system consisting of control equipment as is warranted with reference to generation of emission and operate and maintain the same continuously so as to achieve the level of pollutants to the following standards:

A) Control Equipment:

Industry shall provide sufficient capacity air pollution control system to control all source of emissions.

B) Standards for Emissions of Air Pollutants:

(i) TPM	Not to exceed	150 mg/Nm <sup>3</sup> .
(ii) SO <sub>2</sub>	Not to exceed	-- Kg/Day

(i) The applicant shall observe the following fuel pattern:-

Sr. No.	Type Of Fuel	Quantity	UOM
	-Nil-		

(ii) The applicant shall erect the chimney(s) of the following specifications:-

Sr. No.	Chimney Attached To	Height in Mtrs.
		Nil -

(iii) The applicant shall provide ports in the chimney/(s) and facilities such as ladder, platform etc. for monitoring the air emissions and the same shall be open for inspection to/and for use of the Board's Staff. The chimney(s) vents attached to various sources of emission shall be designated by numbers such as S-1, S-2, etc. and these shall be painted/ displayed to facilitate identification.

(iv) The industry shall take adequate measures for control of noise levels from its own sources within the premises so as to maintain ambient air quality standard in respect of noise to less than 75 dB(A) during day time and 70 dB(A) during night time. Day time is reckoned in between 6 a.m. and 10 p.m. and night time is reckoned between 10 p.m. and 6 a.m.

(vi) Other Conditions:

1) The industry should not cause any nuisance in surrounding area.





- 2) The industry should monitor stack emissions and ambient air quality Regularly.

6. Conditions for D.G. Set : - NA-

7. CONDITIONS UNDER HAZARDOUS WASTE (MANAGEMENT, HANDLING & TRANSBOUNDARY MOVEMENT) RULES, 2008:

- (i) The industry shall handle hazardous wastes as specified below.

Sr.No.	Type Of Waste	Quantit	UOM	Disposal
	Industry shall not generate hazardous waste.			

- a. Whenever due to any accident or other unforeseen act or even, such emissions occur or is apprehended to occur in excess of standards laid down, such information shall be forthwith Reported to Board, concerned Police Station, office of Directorate of Health Services, Department of Explosives, Inspectorate of Factories and Local Body. In case of failure of pollution control equipments, the production process connected to it shall be stopped.

8. Industry shall comply with following additional conditions:

- i. The applicant shall maintain good housekeeping and take adequate measures for control of pollution from all sources so as not to cause nuisance to surrounding area / inhabitants.
- ii. The applicant shall bring minimum 33% of the available open land under green coverage/ tree plantation.
- iii. Solid waste - The non hazardous solid waste arising in the factory premises, sweepings, etc., be disposed of scientifically so as not to cause any nuisance / pollution. The applicant shall take necessary permissions from civic authorities for disposal to dumping ground.
- iv. The applicant shall provide for an alternate electric power source sufficient to operate all pollution control facilities installed by he applicant to maintain compliance with the terms and conditions of the consent. In the absence, the applicant shall stop, reduce or otherwise, control production to abide by terms & conditions of this consent regarding pollution levels.
- v. The applicant shall not change or alter quantity, quality, the rate of discharge, temperature or the mode of the effluent / emissions or hazardous wastes or control equipments provided for without previous written permission of the Board.
- vi. The applicant shall provide facility for collection of environmental samples and samples of trade and sewage effluents, air emissions and hazardous wastes to the Board staff at the terminal or designated points and shall pay to the Board for the services rendered in this behalf.
- vii. The applicant shall make an application for renewal of the consent at least 60 days before the date of the expiry of the consent.
- viii. The firm shall submit to this office, the 30<sup>th</sup> day of September every year, the Environmental Statement Report for the financial year ending 31<sup>st</sup> March in the prescribed Form-V as per the provisions of rule 14 of the Environment (Protection) (Second Amendment) Rules, 1992.
- ix. An inspection book shall be opened and made available to the Board's officers during their visit to the applicant.
- x. The applicant shall install a separate electric meter showing the consumption of energy for operation of domestic and industrial effluent treatment plants and air pollution control system. A register showing consumption of chemicals used for treatment shall be maintained.
- xi. Separate drainage system shall be provided for collection of trade and sewage effluents. Terminal manholes shall be provided at the end of collection system with arrangement for measuring the flow. No effluent shall be admitted in the



pipes / sewers down- stream of the terminal manholes. No effluent shall find its way other than in designed and provided collection System.

xii. Neither storm water nor discharge from other premises shall be allowed to mix with the effluents from the factory.

9. This Board reserves the right to review, amend, suspend, revoke this consent and the same shall be binding on the industry.
10. This consent shall not be construed as exemption from obtaining necessary NOC/permission from any other Government agencies.
11. Industry shall obtain permission from C.G.W.A for the use of Ground Water.
12. Industry shall comply with the E-Waste (Management) Rules, 2016.
13. Industry shall obtain Plastic Registration , EPR from the UD without fail.
14. The Capital investment of the industry is Rs. 9.73 Lacs.

*Ullokhale*  
(Nagesh Lohalkar)

REGIONAL OFFICER, KOLHAPUR

To,  
M/S.- Sakshi Plastic  
Plot No.68, Shivshakti Nagar, Behind Sahyadhi  
Starch Factory, Kupwad.  
Tal.- Miraj, Dist.- Sangli.,



Received Consent fee of -

Sr.No.	Amount(Rs.)	Transaction No.	Date	Drawn On
1	1500.00	TXN1903003224	27-03-2019	Online payment

Copy submitted to:

1. The Member Secretary, MPC Board, Mumbai.
2. The Chief Accounts Officer, MPC Board, Mumbai.
3. Cess wing/Statistical wing/Air wing/Hazardous Management wing, MPC Board, Mumbai.

Copy to :-

The Sub Regional Officer, MPC Board, Sangli

Maharashtra Pollution Control Board

## 7. MEDICAL COLLEGE, PUNE

### SANITARY PAD INCINERATOR





Pune, Maharashtra, India

FY54+GQQ, Bharati Vidyapeeth Campus, Dhankawadi,

Pune, Maharashtra 411043, India

Lat 18.456675°

Long 73.857266°

04/10/21 10:39 AM



QMS-ISO-9001:2015  
EMS-ISO-14001:2015  
Reg. No. RI91/8395



## CERTIFICATE

Division : PMC Registered

Date : 13/05/2021

This is to Certify that in terms of Bio Medical Waste Treatment Facility agreement dt. 20.04.2009 with Pune Municipal Corporation, You are hereby granted registration for and on behalf of Pune Municipal Corporation From **01-04-2021 to 31-03-2022**

Registration No : 002989

PESPL Code	Name & Address of the Occupier	Category	No. Of Beds
NH000690	BHARATI HOSPITAL(BHARATI VIDYAPEETH MEDICAL FOUNDATION) S.NO.26, PUNE-SATARA ROAD DHANKAWADI PUNE - 411043	NURSING HOME	831

As per Biomedical Waste Management Rules, 2016 and MPCB norms, proper segregation & disposal of the same by delivering the waste to the CBWTF vehicle at designated point is the responsibility of individual Generator

Compliance as per MPCB rules as under be ensured from your end :-

1	Proper Segregation and Handling over the waste to us.
2	Waste sharps, needles, metals as per schedule I ( Category White ) of Biomedical Waste Management Rules, 2016 to be handed in puncture-proof, leak-proof, tamper-proof container with white barcode.
3	Glass material and metallic body implants after disinfection by soaking washed glassware after cleaning with detergent and Sodium Hypochlorite treatment or through autoclaving or microwaving or hydroclaving as per schedule I Category (a) & (b) Blue of Biomedical Waste Management Rules, 2016 to be handed over in puncture-proof & leak-proof container with blue barcode.
4	Ensure delivery of biomedical waste in red bag, yellow bag, white barcode container, blue barcode container to collection vehicle.
5	No untreated bio-medical waste should be kept stored a period of 48 hours.

**We hereby certify that the Bio Medical Waste received at our end is disposed off as per the norms laid down by MPCB from time to time**

For Passco Environmental Solutions Pvt. Ltd.

Authorized Signatory



**\*PASSCO ENVIRONMENTAL SOLUTIONS PVT. LTD.**

**Operator Common Bio-Medical Waste Treatment Facility for P.M.C./P.C.M.C. Area**

Regd. Office : "Narayani" 34/4 Erandawane, Behind Eisen Pharmaceuticals, Pune-411 004. India. **Telefax** : +91 20-6602 4765, 2546 7096


**P.M.C. Site Office** : Kalash Crematorium Compound, Next to Naidu Hospital, Pune - 411 001.

**P.C.M.C. Site Office** : S. No. 172, 173, 174, Y.C.M. Hospital, Ground Floor, Sant Tukaram Nagar, Pimpri-411 018. **Tel.** : +91 20 2742 0395, 6733 2149

• **Email** : helpline@passco.in • **Website** : www.passco.in

8. YM COLLEGE, PUNE

7.1.3

 <p style="text-align: center;"><b>पुणे महानगरपालिका</b> आरोग्य विभाग जैव वैद्यकीय कचरा निर्मूलन देयक</p> <p style="text-align: center;"><b>१ वर्षाचा आगाऊ भरणा केल्यास ५% किंवा ३ वर्षाचा आगाऊ भरणा केल्यास ७.५% सवलत मिळेल.</b></p>							
OCCUPIER NAME: YASHWANTRAO MOHITE COLLEGE ARTS, SCIENCE, COMMERCE (BHARATI VIDYAPEETH) ADDRESS: NEAR MORE VIDYALAY, PAUD ROAD KOTHRUD ERANDWANE PUNE - 411038				BARCODE REF.: 003467 PMC REG NO.: PL000236 GSTIN/UIN: N.A INV. NO.: CBWT/PMC/14308 INV. REF.: PMC/PL000236/2021-2022/EX-Jul INV DATE: 31-Jul-2021			
PH. NO.: 020 25433383, 020 26998947, 9890939594							
BILL OF SUPPLY :For the Treatment of BIO-MEDICAL WASTE BILLING PERIOD :01-Jul-2021 To 31-Jul-2021							
BILL OF SUPPLY FOR - COLLECTION, STORAGE, TRANSPORTATION, PROCESSING AND FINAL DISPOSAL OF BIO-MEDICAL WASTE (SAC Codes : 999424 / 999433)							
<b>BILL OF SUPPLY</b>							
Particulars of billing for the Jul 2021	CATEGORY	Beds	RECEIVED BMW (kg)	COVID-19 BMW (kg)	Non-COVID-19 BMW (kg)	COVID-19 BMW Rate (Rs)	AMOUNT (Rs)
COVID-19 BMW Charges	PATHOLOGICAL LAB	N/A	0.000	0.000	0.000	87.00	0.00
Excess Weight Charges			Non-COVID BMW (kg)	Assured Weight(Kg)	Excess Weight(kg)	Excess BMW Rate (Rs)	
Excess Weight Charges	PATHOLOGICAL LAB	N/A	0.000	15.000	0.000	48.00	0.00
TOTAL BMW CHARGES FOR THE MONTH OF Jul 2021							0.00
OVERDUE INTEREST @1% PER MONTH ON 15971.25							159.71
TOTAL BILL FOR THE MONTH OF: Jul 2021							159.71
PREVIOUS BALANCE:							DR 15971.25
<b>NET BALANCE TO BE PAID</b>							<b>DR 16130.96</b>
<b>AMOUNT PAYABLE : Rupees Sixteen Thousand One Hundred Thirty and Paise Ninety Six Only</b>							
Note : Cheque/DD ( favouring "Medical Officer of Health, PMC" ) / cash to be paid at Room 341, 3rd Floor, Health Department, PMC, Main Building, Shivajinagar, Pune-411005. Timing : 10 am to 2 pm. Phone No. 020.25501232							
ANY OBJECTION IN THIS BILL MUST BE RAISED WITHIN SEVEN WORKING DAYS.  Biomedical Waste Management Services to Clinical Establishments are exempted from GST.				<b>Medical Officer of Health</b> <b>Pune Municipal Corporation</b>			
GSTIN/UIN:N.A.				This is a Computer generated invoice and does not require a Signature			
<b>*BMW ANNUAL CERTIFICATE WILL BE ISSUED ONCE IN A YEAR IN THE MONTH OF JANUARY.</b>							
Please pay the outstanding by 31 Aug 2021 to avoid interest							
<b>३० दिवसांच्या आत देय रक्कम न आल्यास दर.सा. १२ % दर्याज आकारवणी केली जाईल.</b>							

# E- WASTE MANAGEMENT

## 1. BVIMR, NEW DELHI

**Green Recycling Waste Management  
Certificate of E-waste Disposal**

Certificate No. 0296633 Date 03 / 07 / 2015

This Is to certify that e-waste received from Bharti Vidya Peeth Deemed University  
Dates 03 / 07 / 2015 has been disposed off in scientific and eco- friendly manner.

We appreciate your efforts in green and healthy environment.

Your MEMBERSHIP NO. GRWM/2015/02740 Valid up to 02 / 07 / 2016

 save earth by recycling



  
For Green Recycling Waste Management  
Authorised Signatory

# RECYCLING CERTIFICATE

Certificate No. G-RWM/RC/0813

Issue Date: 19<sup>th</sup> June 2017

This is to certify that 1100.00 Kg of E-waste (CPU, MONITOR, KEYBOARD, MOUSE, UPS etc.) has been collected from Branch (BHARATI VIDYAPEETH INSTITUTE OF MANAGEMENT & RESEARCH, A-4, PASCHIM VIHAR ROHATAK ROAD NEW DELHI-110063), against (M.D.N) Manifest Document Number- 04236813, Dated 19<sup>th</sup> June. 2017, which have been recycled and disposed off safely as per norms.



Handover your waste to SAFE  
Disposal



For Green Recycling Waste Management

Authorised by:  
Pollution Control Board



# RECYCLING CERTIFICATE

Certificate No. G-RWM/RC/1871

Issue Date: 21<sup>th</sup> November 2018

This is to certify that 1195.00 Kg of E-waste (CPU, MONITOR, KEYBOARD, MOUSE, UPS etc.) has been collected from Branch (**BHARATI VIDYAPEETH INSTITUTE OF MANAGEMENT & RESEARCH, A-4, PASCHIM VIHAR ROHATAK ROAD NEW DELHI-110063**), against (M.D.N) Manifest Document Number- 0236938/1871, Dated 21<sup>th</sup> November 2018, which have been recycled and disposed off safely as per norms.



Handover your waste to SAFE  
Disposal

For Green Recycling Waste Management

*Munna Lal*  
Authorized Signatory

For Green Recycling Waste Management

Authorised by:  
Pollution Control Board

## 2. DENTAL COLLEGE & HOSPITAL, SANGLI



### 3. IMED, PUNE

**BHARATI VIDYAPEETH CENTRAL OFFICE, PUNE-30**

Ref.No.: BV/CO/ 509 /2019-2020

Date: 22/08/2019

To,  
The Director,  
 Bharati Vidyapeeth Deemed University  
 Institute of Management & Entrepreneurship Development,  
 Erandwane,  
 Pune 411 038

**Sub.: Disposal of scrap and unused E-waste material.**

**Ref.:** Your letter No. BVDU/IMED/453/2019-2020 dated 13/08/2019.

This has reference to the subject captioned above. You are instructed to sell off this material to the official license holder from Maharashtra pollution control board as earliest. Below details of disposed E-waste Materials.

Sr. No.	Description	Qty. Per	Rate (Rs.)	Amount (Rs.)	Name of Dealer's
1.	18 AH SMF type batteries	116	280/- (Per Unit)	32,480/-	M/s. AIMS Sales, Pune
2.	APC UPS 7.5 KVA	08	400/- (Per Unit)	3,200/-	---
<b>Total</b>				<b>35,680/-</b>	

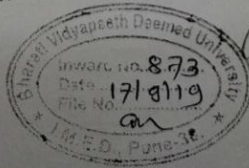
Bharati Vidyapeeth has accepted the vendor (AIMS Sales) who is license holder from MPCB to collect such dead stock material and to pay off respective colleges as per the rates attached. Its vendor's responsibility to dispose off this material in a manner which should not be hazardous to nature

Post collection it is mandatory for the vendor to provide with green certification and necessary documents

1) Dr. Pawar/ Mr. Lalborge  
 2) AIC  
 for information & N/A.  
 Copy for information to. SRS  
 Director (Audit & Finance), 18/9  
 Bharati Vidyapeeth, Pune

Joint Secretary,  
 Bharati Vidyapeeth, Pune-30

Dr. Pawar/ Mr. Lalborge  
 Pl. do as per order from  
 Sir.



## 4. POONA COLLEGE OF PHARMACY, PUNE



**GREENBAY ENTERPRISES**

Complete Solution E-waste & Oil Waste Materials,  
Ferrous & Non Ferrous Scrap Materials.  
E-Waste Green Certificate



### Certificate of Recycling & Disposal

This is to certify that GREENBAY ENTERPRISES has assumed right and ownership of obsolete Electronic Equipment consisting of E-Waste.  
From  
**Customer Name: Bharti Vidyapeeth (Deemed to Be University)**  
**Address: Poona College of Pharmacy, Paud Road, Erandwane, Pune- 411038**  
**E-Waste Lot Collection**  
**Issued Date: 10/03/2021**

All the material has been processed in an environment friendly manner, in accordance with the guidelines set by the authorised agency at our facility in Pune.

By processing obsolete equipment, we are doing our duty to help keep our environments clean.

---

Sr. No. 13, Behind Star Weigh Bridge, Katraj Saswad Bypass, Manerwadi,  
Urli-Devachi, Pune-412308. Mob.: 9623300378.



**GREENBAY ENTERPRISES**  
Authorised Signature

## 5. YM COLLEGE, PUNE

६.	प्रिंटर	युजिसी/एसपीजी/१-२/२३-२४	२००००/-
७.	प्रिंटर	यमोम/बीसीएस/२१/०३-०४	८६००/-
८.	प्रिंटर	यमोम/बीसीएस/६७-१/२०००-०१	१४०००/-
९.	प्रिंटर	यमोम/बीसीएस/६७-२/२०००-०१	१४०००/-
१०.	प्रिंटर	यमोम/बीसीएस/२५-१/२८-२९	२२००/-
११.	प्रिंटर	यमोम/बीसीएस/२५-२/२८-२९	२२००/-
१२.	प्रिंटर	यमोम/बीसीएस/२५-३/२८-२९	२२००/-
१३.	प्रिंटर	यमोम/बीएस्सी/सशा/१०२-१/०५-०६	१३०००/-
१४.	प्रिंटर	यमोम/बीएस्सी/सशा/१०२-२/०५-०६	१३०००/-
१५.	प्रिंटर	एकुण=	२००१००/-

आपला विश्वास,

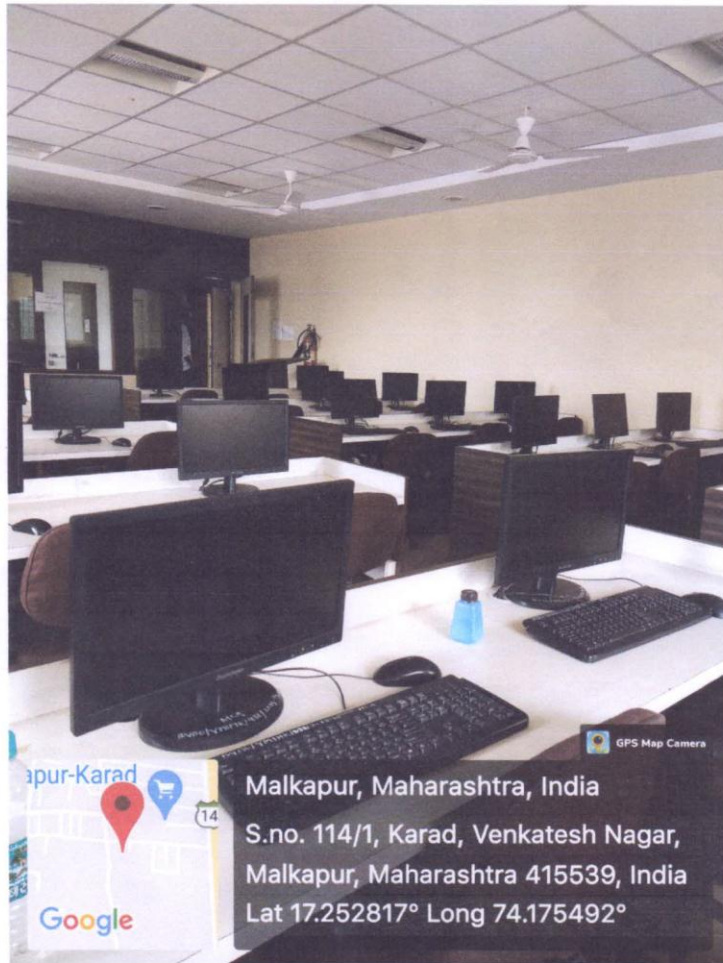
( प्राचार्य, के.डी. जाधव )  
प्राचार्य

भारती विद्यापीठ विश्वविद्यालय  
यशवंतराव मोहिते महाविद्यालय,  
पुणे-४११०३८

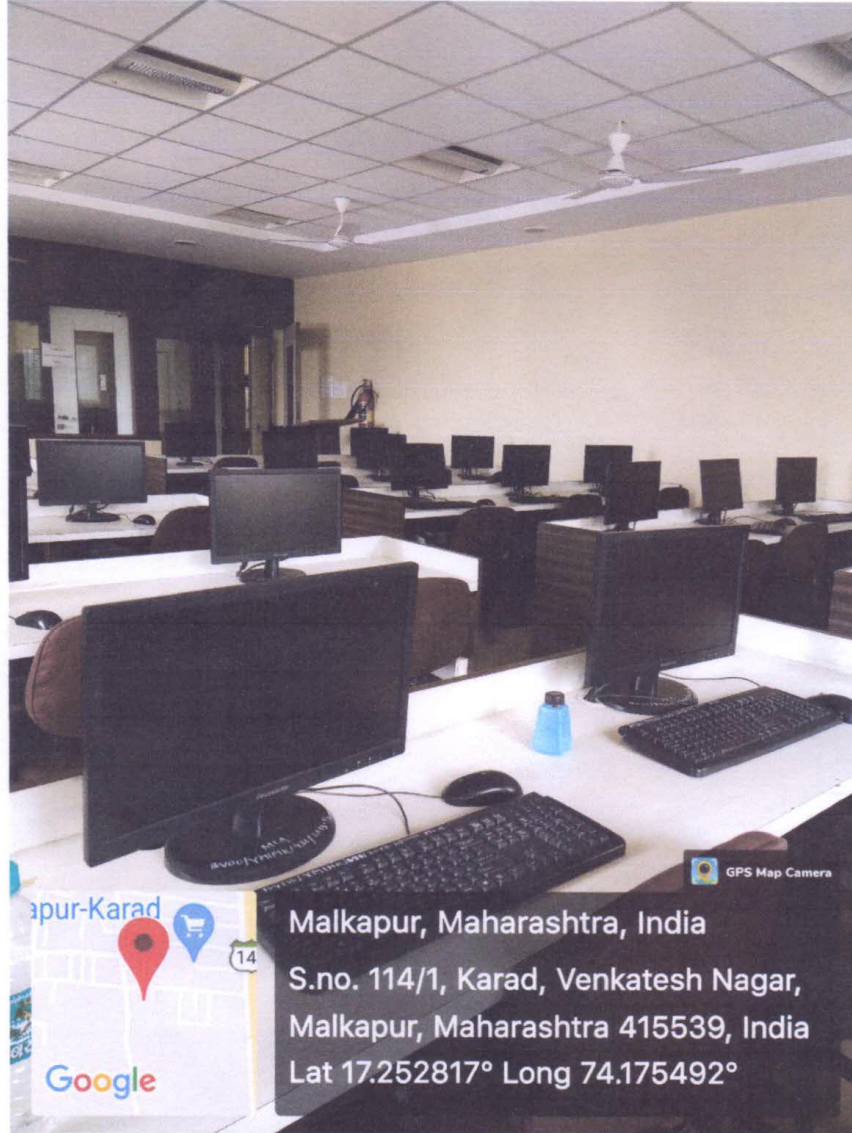
Department of Computer Science  
Bharati Vastu, Yashwantrao Mohite University  
Yashwantrao Mohite College,  
Pune - 411 038.

PRINCIPAL  
ASHWANTRAO MOHITE COLLEGE  
PUNE - 38.

## 6. YMIM, KARAD



  
**DIRECTOR**  
**BHARATI VIDYAPEETH**  
Deemed to be University of Pune (India)  
Tashwantrao Mohite Inst. of Management  
KARAD.



Malkapur-Karad

Google

Malkapur, Maharashtra, India

S.no. 114/1, Karad, Venkatesh Nagar,  
Malkapur, Maharashtra 415539, India

Lat 17.252817° Long 74.175492°




**DIRECTOR  
BHARATI VIDYAPEETH**

Deemed to be University of Pune (In<sup>U</sup>)  
Yashwantrao Mohite Inst. of Management  
**KARAD.**



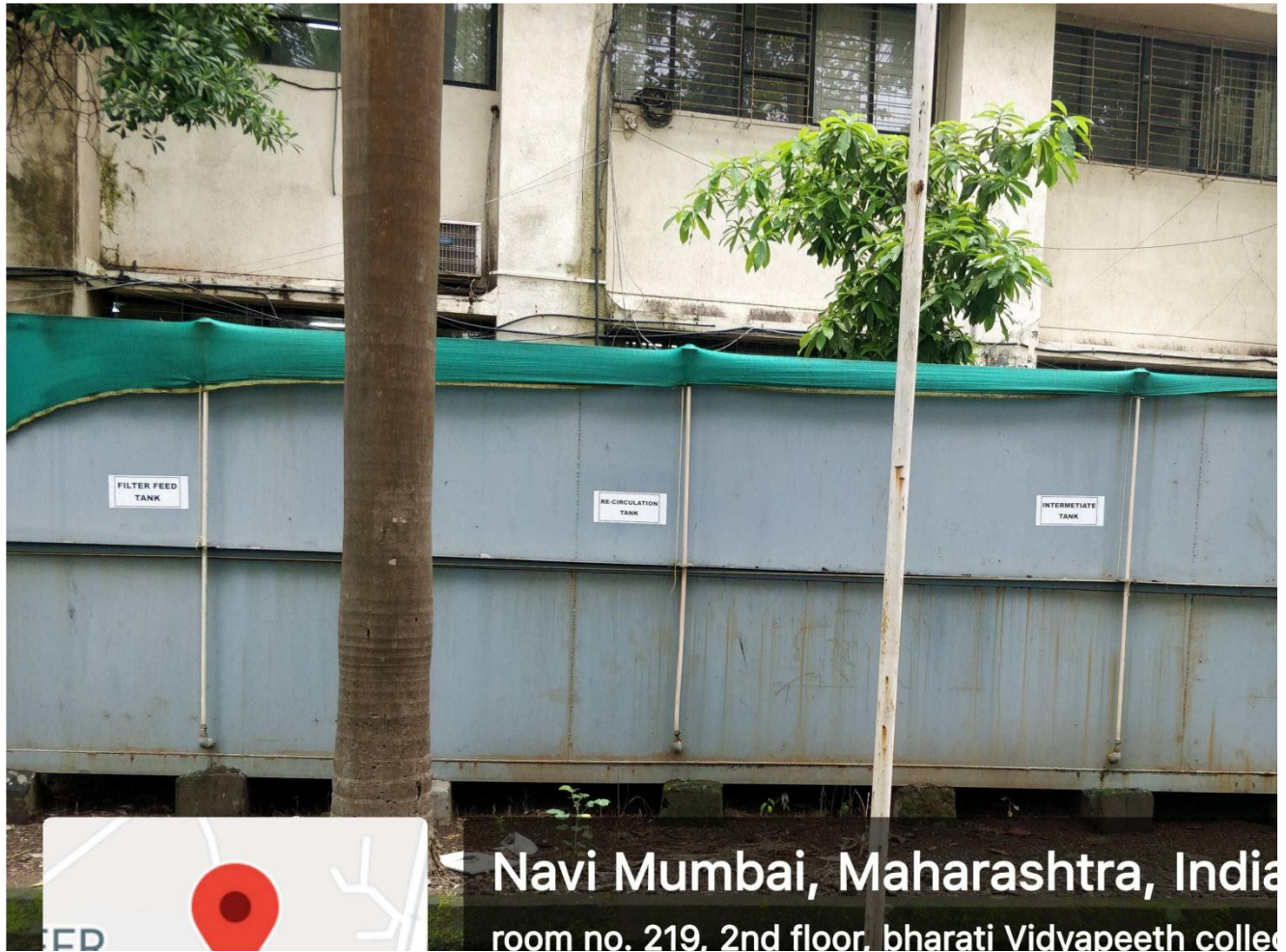


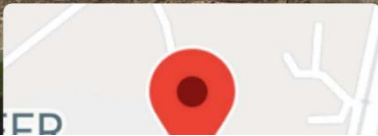


  
**DIRECTOR**  
**BHARATI VIDYAPEETH**  
Deemed to be University of Pune (India)  
Yashwantrao Mohite Inst. of Management  
KARAD.

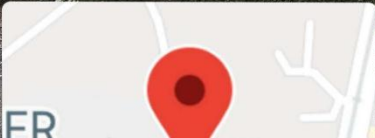
# WATER RECYCLING SYSTEM

## 1. DENTAL COLLEGE & HOSPITAL, NAVI MUMBAI





**Navi Mumbai, Maharashtra, India**  
room no. 219, 2nd floor, Bharati Vidyapeeth College



**Navi Mumbai, Maharashtra, India**  
room no. 219, 2nd floor, bharati Vidyapeeth colle



**Centaac**  
Corporation  
Water Quality Management Company

**NEW AGE BIODIGESTION BASED WASTE WATER TREATMENT USING BIO-AUGMENTATION  
INTEGRATED WITH AQUASTAB FILTERS & ELECTRO-OXIDATION TECHNOLOGY FOR 30M3/DAY**

DATE- 21<sup>st</sup> January, 2020

CLIENT- Dr. Srinivasan  
Dental College  
Bharti Vidyapith

**INTRODUCTION-**

**CENTAAC CORPORATION** is a leading Water Quality Management Company. We manage drinking water and waste water quality by using latest and innovative techniques. Our aim is to provide finest water quality to our client according to their needs and specific requirement.

**INFORMATION PROVIDED:**

- Dental College building in the campus of Bharti Vidyapith has a daily consumption of 30,000 Litres of water.
- Currently no septic tank or any septic treatment is present.
- Toilet, Bathroom, Lab Basins & Canteen wastewater has all separate lines but merges into a main drainage line at ground level.
- Building produces medical waste, disinfectant chemicals of mixed class.

**Note:** The solution we are proposing has a mandatory condition of presence of septic tank with recommended dimensions and design.

**RECOMMENDATIONS AND CONCEPT BEHIND PROJECT:**

- Four chambered septic tank is recommended.
- The Bar Screen is recommended at the chamber joining septic tank to help protect inlet of septic treatment tank from solid waste.
- Water then will go in the first chamber of the septic system where the wastewater is treated anaerobically.
- The septic water needs to be treated with anaerobic culture for proper growth of anaerobic media.
- The overflow of first chamber will go to second chamber.
- The third chamber will take overflow of second chamber.

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Tel: +91-9702263063 E-mail: [centaac@hotmail.com](mailto:centaac@hotmail.com) Tel: 022-65050666

**SALIENT FEATURES OF THE PROJECT:**

- Aquastab Filtration Unit :- Ready to install Filtration Unit
- Bio-Augmentation process :- 100% natural 100% nontoxic 100% Biodegradable
- Most affordable way to treat sewage in case of availability of septic tanks
- Zero odor clear water technology
- Economical maintenance cost
- Least electricity dependency

**RECOMMENDED BIOLOGICAL COMPONENT FOR SEPTIC TANKS:**

Name	<b>BIOSEP ULTRA (for septic treatment )</b>
Duty	For <b>Bio augmentation</b> , scum reduction and odour control

**'BAP' BASED AQUASTAB FILTRATION SYSTEM :**

Cost for installation, primary commissioning, and ready to use Aquastab filtration and electro-oxidation unit for maximum Filtration for 5000 liters per hour (Plant will run for 10hrs/day)	Rs. 5,10,000/-
Anaerobic culture (Recurring: Per annum. Starts after One year from the date of installation)	60000/-
Installation Charges	Rs. 6000/- per day

**SCHEDULE OF EXCLUSION AND CLIENT'S SCOPE:**

- Extra plumbing, electrical supply and Manpower required for regular dosing & maintenance.
- Anything which is out of battery limit of the project will be in client's scope.
- Septic tank should be constructed and designed as per specified Indian standards (Client's Scope). Septic tank should have overflow system to connect as shown in diagram.

## 2. DENTAL COLLEGE & HOSPITAL, SANGLI





Unnamed Road, Vijaynagar, Sangli, Maharashtra 416410,  
India

Latitude

16.840931666666666°

Longitude

74.62064000000001°

Local 11:57:32 AM

GMT 06:27:32 AM

Altitude 559.3 meters

Tuesday, 14-09-2021



### 3. HOMEOPATHIC MEDICAL COLLEGE, PUNE



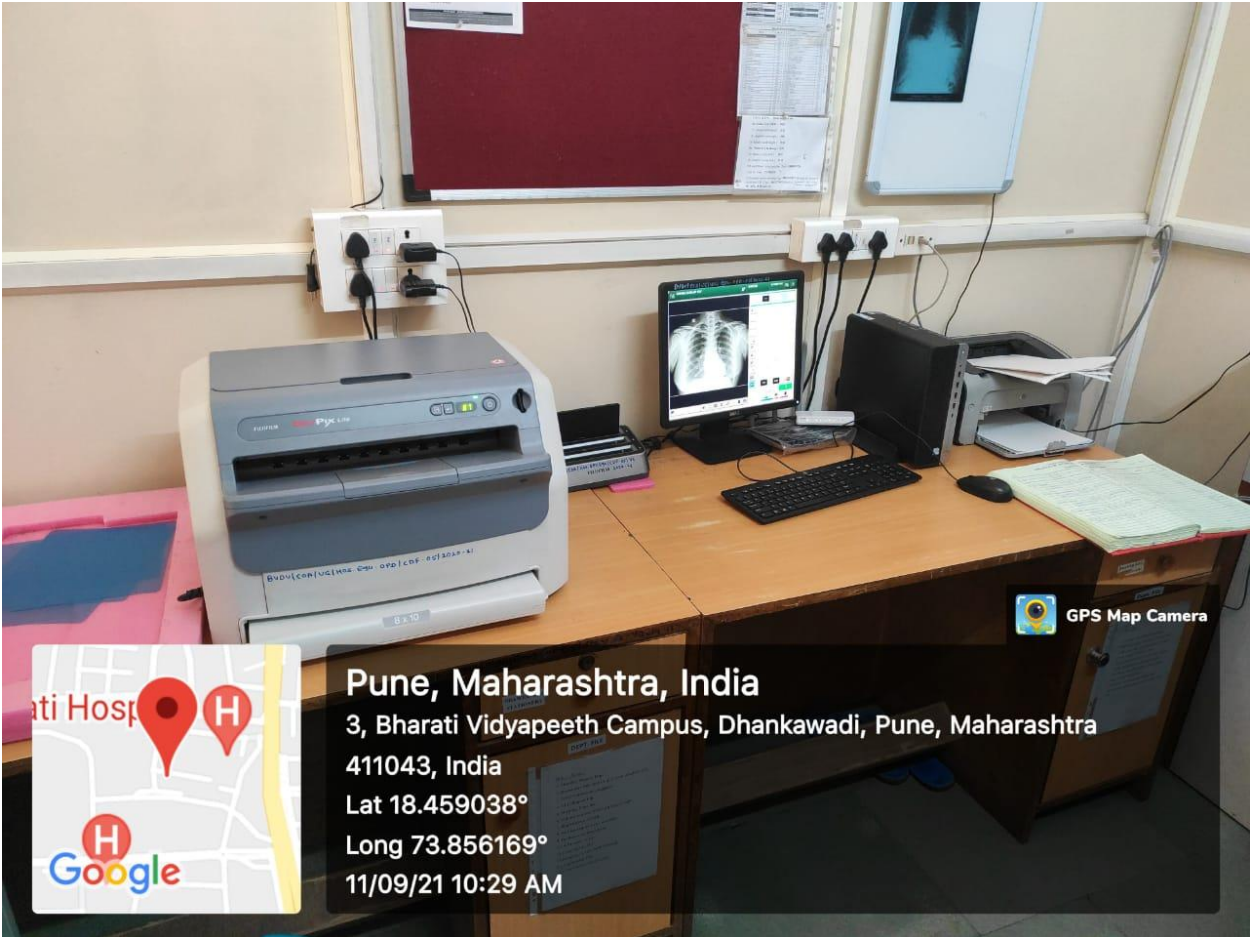


# HAZARDOUS CHEMICALS AND RADIO-ACTIVE WASTE MANAGEMENT

## 1. COLLEGE OF AYURVED, PUNE



# DIGITAL X-RAY-NO RADIO-ACTIVE WASTE





## 2. COLLEGE OF ENGINEERING, PUNE

●                      ●  
BHARATI VIDYAPEETH  
(Deemed to be University)  
COLLEGE OF ENGINEERING PUNE – 411043  
Solvent disposal record  
Academic year (2020 - 2021), Term I/II

Sr. No.	Laboratory / Department	Quantity of solvent (lit)	Chlorinated / Non-chlorinated	Approximate content (constituent solvent)	Lab. Incharge (Sign / Name)	Collecting person (Sign / Name)	Date	Action taken

\*Due to Covid-19 pandemic situation in year 2020-21, the students were not allowed for offline education as per Government norms. Hence in the absence of laboratory usages, the Chemicals were not generated in year 2020-21.

  
Dr. Yogesh Chendake  
Laboratory Incharge

  
Dr. Prakash Chavan  
Head, Department of Chemical Engineering  
**Dr. Prakash V. Chavan**  
(Ph.D.(T))  
Head, Chemical Engineering Department  
Bharati Vidyapeeth University  
College of Engineering, Pune-411 043