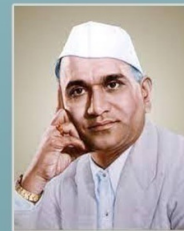




Mahatma Gandhi Vidyamandir's
Karmaveer Bhausaheb Hiray Dental College & Hospital
Panchavati Nashik, 422003



SELF STUDY REPORT CYCLE - 1



Criterion 7- Institutional Values and Best Practices

Key Indicator – 7.1 Institutional Values and Social Responsibilities

- 7.1.4** Describe the facilities in the Institution for the management of the following types of degradable and non-degradable waste (within 500 words)
- Q₁M**



Mahatma Gandhi Vidyamandir's
Karmaveer Bhausaheb Hiray Dental College & Hospital
Panchavati, Nashik-422003

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BIOMEDICAL
WASTE
ANNUAL
SUBMISSION
REPORT



महात्मा गांधी विद्यामंदिर संचलित,
के.बी.एच. दंत महाविद्यालय आणि रुग्णालय,
पंचवटी, नाशिक- ४२२ ००३.

Affiliated to Maharashtra University of Health Sciences, Nashik - 422 003.
University of Pune [I.D.No.PU/NA/DNT/040 (1991)]
Recognised by DENTAL COUNCIL OF INDIA

Mumbai - Agra road, Panchavati, Nashik - 422 003. Ph.: (0253) 2628178, 2514873 Fax: (0253) 2517354
E-mail : mgvkbh@gmail.com web page : http://mgv.org.in/dental/

एमजीव्ही / केबीएचडीसी / १२४ / २०२३-२४,

दि.०२/०१/२०२४

प्रति,
मा. व्यवस्थापक,
महाराष्ट्र पोलुशन कंट्रोल बोर्ड,
नाशिक विभाग,
नाशिक.

संदर्भ:- आपल्या कार्यालयीन प्राप्त झालेल्या मेल नुसार

विषय :- दिनांक ०१/०१/२०२३ ते ३१/१२/२०२३ या कालावधीतील

BMW रेकॉर्ड सादर करणेबाबत...

महोदय,

वरील विषयाला अनुसरून महात्मा गांधी विद्यामंदिर संचलित, के.बी.एच. दंत महाविद्यालय आणि रुग्णालय, पंचवटी, नाशिक - ३. या दंत रुग्णालयाचे दि. ०१/०१/२०२३ ते ३१/१२/२०२३ या कालावधीतील **BMW** रेकॉर्ड आपल्या कार्यालयाकडे दि. ०२/०१/२०२४ रोजी **Online** सादर करण्यात आलेले आहे.

आपल्या कार्यालयाकडून प्राप्त झालेल्या मेल सदरची माहिती या पत्रासोबत हस्तदेय पोहोच पाठवित आहोत. कृपया स्वीकार व्हावा ही नम्र ही विनंती.

म. कळावे.

आपला विश्वासू,



(डॉ. प्रदिप जी.एल.)
प्राचार्य.

02/01/2024
Clerk to
Regional Office,
M.P.C. Board,
Nashik.

FORM II

(See Rule 10)

ANNUAL REPORT

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

1 Particular of the application -

i) Name of the applicant (accupier / Operator) : Dr.Meenal Gulave Principal.

Name of the Institution : Mahatma Gandhi Vidyamandir's K.B.H.Dental College & Hospital, Panchavati, Nashik-422 003.

Tel. No. (0253) 2514873

Fax No. (0253) 2517354

2. Categories of waste generated and

Quantity on Monthly average basis : Copy attached.

3 Brief details of the treatment facility

In case of off-site facility

i) Name of the operator : Water Grace Products.

ii) Name of the address of the Facility : Biomedical Wastage Management Project, Near Kanamwar Bridge, Agra Road, Dwarka,

Nashik.

Tel. No. (0253)2501816, 2596890

Fax No. (0253)2596889

4 Category – wise quantity of waste

Treated : Copy attached.

5 Mode of treatment with details :

6 Any other information : Nil

7 Certified that the above report is

For period from : 01/01/2023 To 31/12/2023.

Date : 31/12/2023.

Place : Nashik

(Dr. Pradeep G. L.)

Principal,



FORM III

(See Rule 12)

ACCIDENT REPORTING

- | | | | |
|----|--|---|-----|
| 1 | Date and Time | : | Nil |
| 2 | Sequence of events leading to accident | : | -- |
| 3. | The waste involved in accident | : | -- |
| 4. | Assessment of the effected of the accidents | | |
| | On human health and the environment | : | -- |
| 5. | Emergency measures taken | : | -- |
| 6. | Steps taken to alleviate the effects of Accident | : | -- |
| 7. | Steps taken prevent the recurrence of such | | |
| | An accident | : | -- |

Date: 31/12/2023

Place : Nashik

Signature

Designation: Principal



MAHATMA GANDHI VIDYAMANDIR'S
K. B. H. DENTAL COLLEGE AND HOSPITAL,
 PANCHAVATI, NASHIK-422003.

Report of the Total Quantity of BMW Generated from 01/01/2023 To 31/12/2023

| Sr.No. | Months | Yellow | | Red | | Blue | | Green | | Remark |
|--------|--------------|------------|-----------------|------------|----------------|------------|----------------|------------|-----------------|--------|
| | | Total Bags | Wt.(Kgs.) | Total Bags | Wt.(Kgs.) | Total Bags | Wt.(Kgs.) | Total Bags | Wt.(Kgs.) | |
| 1 | Jan. 2023 | 83 | 97.350 | 9 | 25.100 | 31 | 39.050 | 61 | 83.300 | |
| 2 | Feb. 2023 | 85 | 102.500 | 11 | 33.400 | 32 | 35.100 | 64 | 92.750 | |
| 3 | March. 2023 | 81 | 85.350 | 10 | 11.500 | 31 | 39.900 | 63 | 80.300 | |
| 4 | April. 2023 | 77 | 92.100 | 9 | 26.600 | 22 | 26.100 | 59 | 94.600 | |
| 5 | May. 2023 | 72 | 76.750 | 8 | 11.900 | 29 | 33.400 | 51 | 69.650 | |
| 6 | June. 2023 | 87 | 97.200 | 9 | 25.700 | 31 | 38.250 | 59 | 93.500 | |
| 7 | July. 2023 | 90 | 108.450 | 9 | 25.400 | 32 | 40.000 | 72 | 129.300 | |
| 8 | August. 2023 | 88 | 102.600 | 11 | 23.900 | 32 | 38.550 | 55 | 98.850 | |
| 9 | Sept. 2023 | 84 | 110.500 | 11 | 28.100 | 33 | 40.650 | 49 | 91.050 | |
| 10 | Oct. 2023 | 92 | 112.750 | 10 | 29.300 | 30 | 37.650 | 55 | 98.000 | |
| 11 | Nov. 2023 | 63 | 78.200 | 7 | 14.500 | 22 | 29.000 | 46 | 75.250 | |
| 12 | Dec. 2023 | 92 | 108.200 | 10 | 24.400 | 27 | 34.550 | 65 | 113.000 | |
| | Total | 994 | 1171.950 | 114 | 279.800 | 352 | 432.200 | 699 | 1119.550 | |



महात्मा गांधी विद्यामंदिर संचालित,
के.बी.एच. दंत महाविद्यालय आणि रुग्णालय,

पंचवटी, नाशिक- ४२२ ००३.

Affiliated to Maharashtra University of Health Sciences, Nashik - 422 003.

University of Pune [I.D.No.PU/NA/DNT/040 (1991)]

Recognised by DENTAL COUNCIL OF INDIA

Mumbai - Agri road, Panchavati, Nashik - 422 003. Ph.: (0253) 2628178, 2514873 Fax: (0253) 2517354
E-mail : mgvskbh@gmail.com web page : http://mgv.org.in/dental/

एमजीव्ही/केबीएचडीसी/८८८/२०२२-२३,

दि.०२/०१/२०२३

प्रति,
मा. व्यवस्थापक,
महाराष्ट्र पोलुशन कंट्रोल बोर्ड,
नाशिक विभाग,
नाशिक.

संदर्भ:- आपल्या कार्यालयीन प्राप्त झालेल्या मेल नुसार

विषय :-दिनांक ०१/०१/२०२२ ते ३१/१२/२०२२ या कालावधीतील

BMW रेकॉर्ड सादर करणेबाबत...

महोदय,

वरील विषयाला अनुसरून महात्मा गांधी विद्यामंदिर संचालित, के.बी.एच. दंत महाविद्यालय आणि रुग्णालय, पंचवटी, नाशिक -३. या दंत रुग्णालयाचे दि. ०१/०१/२०२२ ते ३१/१२/२०२२ या कालावधीतील **BMW** रेकॉर्ड आपल्या कार्यालयाकडे दि. ०१/०१/२०२२ रोजी **Online** सादर करण्यात आलेले आहे.

आपल्या कार्यालयाकडून प्राप्त झालेल्या मेल सदरची माहिती या पत्रासोबत हस्तदंड पोहोच पाठवित आहोत. कृपया स्वीकार व्हावा ही नम्र ही विनंती.

म. कळावे.

आपला विश्वासू,



MG VSKBH
प्राचार्य.

06/01/2022

Copy to
Regional Office
Dr. P. C. Bhoir
Nashik.

FORM II

(See Rule 10)

ANNUAL REPORT

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

1 Particular of the application -

iv) Name of the applicant (accupier / Operator) : Dr.Meenal Gulave Principal.

Name of the Institution : Mahatma Gandhi Vidyamandir's K.B.H.Dental College & Hospital, Panchavati, Nashik-422 003.

Tel. No. (0253) 2514873

Fax No. (0253) 2517354

2. Categories of waste generated and

Quantity on Monthly average basis : Copy attached.

3 Brief details of the treatment facility

In case of off-site facility

vii) Name of the operator : Water Grace Products.

viii) Name of the address of the Facility : Biomedical Wastage Management Project, Near Kanamwar Bridge. Agra Road, Dwarka, Nashik.

Tel. No. (0253)2501816, 2596890

Fax No. (0253)2596889

4 Category – wise quantity of waste

Treated : Copy attached.

5 Mode of treatment with details :

6 Any other information : Nil

7 Certified that the above report is

For period from : 01/01/2022 To 31/12/2022.

Date : 31/12/2022.

Place : Nashik



(Dr. Meenal Gulave)

Medical Officer,

Signature

FORM III

(See Rule 12)

ACCIDENT REPORTING

- | | | | |
|---|--|---|-----|
| 1 | Date and Time | : | Nil |
| 2 | Sequence of events leading to accident | : | -- |
| 3 | The waste involved in accident | : | -- |
| 4 | Assessment of the effected of the accidents | | |
| | On human health and the environment | : | -- |
| 5 | Emergency measures taken | : | -- |
| 6 | Steps taken to alleviate the effects of Accident | : | -- |
| 7 | Steps taken prevent the recurrence of such | | |
| | An accident | : | -- |

Date: 31/12/2022

Place: Nashik



Signature

M. Gulbe

Designation:

Principal

MAHATMA GANDHI VIDYAMANDIR'S
K. B. H. DENTAL COLLEGE AND HOSPITAL,
PANCHAVATI, NASHIK-422003.

Report of the Total Quantity of BMW Generated from 01/01/2022 To 31/12/2022

| Sr.No. | Months | Yellow | | Red | | Blue | | Green | | Remark |
|--------|--------------|------------|-----------|------------|-----------|------------|-----------|------------|-----------|--------|
| | | Total Bags | Wt.(Kgs.) | Total Bags | Wt.(Kgs.) | Total Bags | Wt.(Kgs.) | Total Bags | Wt.(Kgs.) | |
| 1 | Jan. 2022 | 226 | 241.100 | 60 | 62.600 | 130 | 132.500 | 123 | 124.800 | |
| 2 | Feb. 2022 | 191 | 202.700 | 66 | 69.000 | 128 | 131.900 | 105 | 106.500 | |
| 3 | March. 2022 | 100 | 100.895 | 17 | 17.500 | 44 | 48.800 | 61 | 57.150 | |
| 4 | April 2022 | 82 | 81.070 | 7 | 10.000 | 26 | 30.100 | 60 | 63.770 | |
| 5 | May. 2022 | 78 | 90.100 | 8 | 9.700 | 26 | 27.350 | 57 | 52.250 | |
| 6 | June. 2022 | 107 | 109.750 | 13 | 14.500 | 36 | 38.450 | 101 | 101.300 | |
| 7 | July. 2022 | 66 | 69.350 | 8 | 9.800 | 23 | 25.150 | 69 | 85.955 | |
| 8 | August. 2022 | 78 | 86.200 | 8 | 9.500 | 22 | 22.900 | 65 | 105.550 | |
| 9 | Sept. 2022 | 91 | 96.300 | 9 | 17.400 | 29 | 32.250 | 66 | 78.750 | |
| 10 | Oct. 2022 | 67 | 71.450 | 6 | 11.000 | 26 | 29.100 | 48 | 61.150 | |
| 11 | Nov. 2022 | 80 | 86.150 | 8 | 16.100 | 27 | 27.050 | 57 | 72.700 | |
| 12 | Dec. 2022 | 97 | 109.500 | 9 | 22.100 | 30 | 35.900 | 5 | 121.350 | |
| | Total | 1263 | 1344.565 | 219 | 269.200 | 547 | 581.450 | 817 | 1031.225 | |



Form - IV
(See rule 13)
Bio Medical Waste Annual Return for the Calendar Year - 2022

| | | |
|-----------------------|-----------------------|-------------------------|
| Application Type: HCF | Calendar Year 2022 | Submit To SRO-Nashik |
|-----------------------|-----------------------|-------------------------|

Type of Health Care Facility Non Bedded

1) Particulars

| | | |
|--|---|--------------------------|
| i) First Name MEENAL | ii) Middle Name NITIN | iii) Last Name GULVE |
| iv) Designation PRINCIPAL | v) Aadhaar No 552094274835 | vi) PAN No AEDPG3044H |
| vii) Address as per Aadhaar Card 33 EKDANT TUPSAKHARE NAGAR NEAR TIDKE COLONY NASHIK GOLE COLONY, NASHIK | viii) Tel. No. 9011027610 | ix) Fax No. |
| x) e-mail MGVKBH@GMAIL.COM | xi) URL of website https://mgvdental.kbhgroup.in/ | |

2) Details of the Health Care Facility

| | | |
|---|-------------------------------|---|
| i) Name of the Health Care Facility MGV's KARAMVEER BHAUSAHEB HIRAY DENTAL COLLEGE & HOSPITAL | ii) Email MGVKBH@GMAIL.COM | iii) Name of the contact person DR. MEENAL NITIN GULVE |
| iv) Contact No. 9011027610 | | |

3) Address of the Health Care Facility

| | | |
|---|---|------------------------------|
| i) Building Name/Building No./Survey Number KBH DENTAL COLLEGEN | ii) Street / Village NEAR KANNAMWAR BRIDGE | iii) City / Taluka NASHIK |
| iv) District Nashik | v) Pin-Code Number 422003 | vi) Near by Landmark |
| vii) Latitude coordinate 20.004094 | viii) Longitude coordinate 73.804360 | ix) Ownership Private |

4) Details of valid Combined Consent and BMW Authorization (CCA)

| | | |
|--|--|--|
| i) CCA/ Authorization No. SRO-NASHIK/BMW_AUTH/2010000073-2020 | ii) validity Date Oct 13 2023 12:00:00:AM | |
|--|--|--|

5) Registration Number (e.g. Bombay Nursing Home reg. no.,MSDC,MBTC) 083170

6) Registration Expiry Date Dec 31 2022 12:00:00:AM

7) Faculty of Medicine
Dental

8) Name of the Common Bio-Medical Waste Treatment Facility Operator through which wastes are disposed of
M/s. Water Grace Products , Nashik

9) Details of BMW

i) Authorized BMW Quantity Kg/Month (as per valid CCA)

| | | | |
|-------------------|---------------|----------------|-----------------|
| Yellow 1263.00000 | Red 219.00000 | Blue 547.00000 | White 817.00000 |
|-------------------|---------------|----------------|-----------------|

| | | | |
|---|---------------|----------------|------------------|
| ii) Generation of BMW Quantity (kg/Month) | | | |
| Yellow 1344.56500 | Red 269.20000 | Blue 581.45000 | White 1031.22500 |

10) Details of the accident occurred during the year

i) Number of Accidents occurred

ii) Number of the persons affected

iii) Remedial Action taken (Please attach details if any)

No

iv) Any Fatality occurred, If yes details.

No

11) Whether HCE intended to Sale / Handover liquid BMW for R&D purpose

No

| | | |
|-----------------|--------------------------|--------------------|
| Place NASHIK | Designation PRINCIPAL | Date 05-01-2023 |
|-----------------|--------------------------|--------------------|



महात्मा गांधी विद्यामंदिर संचलित,
के.बी.एच. दंत महाविद्यालय आणि रुग्णालय,
पंचवटी, नाशिक- ४२२ ००३.

Affiliated to Maharashtra University of Health Sciences, Nashik - 422 003.
University of Pune [I.D.No PU/NA/DNT/040 (1991)]
Recognised by DENTAL COUNCIL OF INDIA

Mumbai - Agra road, Panchavati, Nashik - 422 003. Ph.: (0253) 2628178, 2514873 Fax: (0253) 2517384
E-mail : nvshbha@gmail.com web page : <http://mgs.org.in/dental>

एमजीव्ही/केबीएचडीसी/०९/२०२१-२२,

दि.०७/०१/२०२२

प्रति,
मा. व्यवस्थापक,
महाराष्ट्र पोलुशन कंट्रोल बोर्ड,
नाशिक विभाग,
नाशिक.

संदर्भ:- आपल्या कार्यालयीन प्राप्त झालेल्या मेल नुसार ...

विषय :-दिनांक ०१/०१/२०२१ ते ३१/१२/२०२१ या कालावधीतील

BMW रेकॉर्ड सादर करणेबाबत...

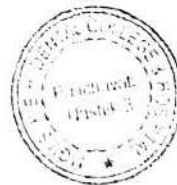
महोदय,

वरील विषयाला अनुसरून महात्मा गांधी विद्यामंदिर संचलित, के.बी.एच. दंत महाविद्यालय आणि रुग्णालय, पंचवटी, नाशिक -३. या दंत रुग्णालयाचे दि. ०१/०१/२०२१ ते ३१/१२/२०२१ या कालावधीतील BMW रेकॉर्ड आपल्या कार्यालयाकडे दि. ०६/०१/२०२२ रोजी Online सादर करण्यात आलेले आहे.

आपल्या कार्यालयाकडून प्राप्त झालेल्या मेल सदरची माहिती या पत्रासोबत हस्तदंड पोहोच पाठवित आहोत. कृपया स्वीकार व्हावा ही नम्र ही विनंती.
म. कळावे.

आपला विश्वासू,

18/1/2022
Chief Officer
Regional Office
T. B. C. Road
Nashik



M. G. Kulkarni
प्राचार्य.

19/01/2022



MAHATMA GANDHI VIDYAMANDIR'S

K.B.H. DENTAL COLLEGE AND HOSPITAL

Affiliated to Maharashtra University of Health Sciences, Nashik - 422003
Savitribai Phule Pune University, Pune [I.D. No. PU/NA/DNT/040(1991)]
Recognised by DENTAL COUNCIL OF INDIA



दि. ०५/०१/२०२२

एमजीव्ही/केबीएचडीसी/७००/२०२१ -२२

प्रति,

मा. व्यवस्थापक,

महाराष्ट्र पोलुशन कंट्रोल बोर्ड,

नाशिक विभाग,

नाशिक.

विषय :- दिनांक ०१/०१/२०२१ ते ३१/१२/२०२१ या कालावधीतील **BMW**
रेकॉर्ड सादर करणेबाबत...

महोदय,

वरील विषयाला अनुसरून महात्मा गांधी विद्यामंदिर संचलित, के.बी.एच. दंत महाविद्यालय आणि
रुग्णालय, पंचवटी, नाशिक -३. या दंत रुग्णालयाचे दि ०१/०१/२०२१ ते ३१/१२/२०२१ या
कालावधीतील **BMW** रेकॉर्ड आपल्या कार्यालयाकडे या पत्रासोबत पाठवित आहोत. कृपया स्वीकार
होवून पोहोच मिळावी, ही विनंती.

म. कळावे.



आपला विश्वासू,

M. Gulab
प्राचार्य.

MAHATMA GANDHI VIDYAMANDIR'S
K. B. H. DENTAL COLLEGE AND HOSPITAL,
PANCHAVATI, NASHIK-422003.

Report of the Total Quantity of BMW Generated from 01/01/2021 To 31/12/2021

| Sr.No. | Months | Yellow | | Red | | Blue | | Green | | Remark |
|--------|--------------|------------|-----------|------------|-----------|------------|-----------|------------|-----------|--------|
| | | Total Bags | Wt.(Kgs.) | Total Bags | Wt.(Kgs.) | Total Bags | Wt.(Kgs.) | Total Bags | Wt.(Kgs.) | |
| 1 | Jan. 2021 | 196 | 206.400 | 70 | 73.500 | 129 | 131.700 | 120 | 122.200 | |
| 2 | Feb. 2021 | 187 | 197.200 | 68 | 71.200 | 174 | 126.700 | 115 | 116.800 | |
| 3 | March. 2021 | 202 | 212.600 | 76 | 78.600 | 133 | 136.300 | 125 | 126.300 | |
| 4 | April. 2021 | 180 | 189.600 | 54 | 56.300 | 122 | 124.300 | 110 | 111.400 | |
| 5 | May. 2021 | 132 | 138.100 | 39 | 40.600 | 88 | 89.600 | 80 | 81.200 | |
| 6 | June. 2021 | 211 | 221.800 | 77 | 80.200 | 141 | 143.600 | 130 | 131.900 | |
| 7 | July. 2021 | 232 | 245.000 | 79 | 82.000 | 140 | 143.000 | 130 | 131.400 | |
| 8 | August. 2021 | 213 | 224.100 | 72 | 74.900 | 129 | 131.500 | 120 | 121.400 | |
| 9 | Sept. 2021 | 234 | 245.900 | 65 | 67.900 | 135 | 137.400 | 128 | 129.300 | |
| 10 | Oct. 2021 | 207 | 217.500 | 56 | 58.900 | 119 | 120.900 | 112 | 113.300 | |
| 11 | Nov. 2021 | 177 | 186.700 | 47 | 49.200 | 102 | 103.400 | 96 | 97.200 | |
| 12 | Dec. 2021 | 244 | 255.300 | 66 | 68.800 | 141 | 143.400 | 132 | 134.000 | |
| | Total | 2415 | 2540.200 | 769 | 802.100 | 1553 | 1531.800 | 1398 | 1416.400 | |

M. Gule



FORM II

(See Rule 10)

ANNUAL REPORT

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

- 1 Particular of the application -
 - iii) Name of the applicant (accupier / Operator) : Dr.Meenal Gulave Principal.
 - Name of the Institution : Mahatma Gandhi Vidyamandir's K.B.H.Dental College & Hospital, Panchavati, Nashik-422 003.
(0253) 2514873
(0253) 2517354
 - Tel. No.
 - Fax No.
2. Categories of waste generated and Quantity on Monthly average basis : Copy attached.
- 3 Brief details of the treatment facility
In case of off-site facility
 - v) Name of the operator : Water Grace Products.
 - vi) Name of the address of the Facility : Biomedical Wastage Management Project, Near Kanamwar Bridge, Agra Road, Dwarka, Nashik.
(0253)2501816, 2596890
(0253)2596889
 - Tel. No.
 - Fax No.
- 4 Category – wise quantity of waste
Treated : Copy attached.
- 5 Mode of treatment with details :
- 6 Any other information : Nil
- 7 Certified that the above report is
For period from : 01/01/2021 To 31/12/2021.



(Dr. Meenal Gulave)

Medical Officer,

Signature

Date : 31/12/2021.

Place : Nashik

FORM III

(See Rule 12)

ACCIDENT REPORTING

| | | | |
|----|--|---|-----|
| 1 | Date and Time | : | Nil |
| 2 | Sequence of events leading to accident | : | -- |
| 3. | The waste involved in accident | : | -- |
| 4. | Assessment of the effected of the accidents | | |
| | On human health and the environment | : | -- |
| 5. | Emergency measures taken | : | -- |
| 6. | Steps taken to alleviate the effects of Accident | : | -- |
| 7. | Steps taken prevent the recurrence of such | | |
| | An accident | : | -- |

Date: 31/12/2021

Place : Nashik

Signature

Designation:

Form - IV

(See rule 13)

Bio Medical Waste Annual Return for the Calender Year - 2021

| | | | |
|--|---|---|-------------------------|
| Application Type: HCF | | Calender Year 2021 | Submit To SRO-Nashik |
| Type of Health Care Facility Non Bedded | | | |
| i) Particulars | | | |
| i) First Name MEENAL | ii) Middle Name NITIN | iii) Last Name GULVE | |
| iv) Designation PRINCIPAL | v) Aadhaar No 552094274835 | vi) PAN No AEDPG3044H | |
| vii) Address as per Aadhaar Card 13 EKDANT TUPSAKHARE NAGAR NEAR TIDKE COLONY NASHIK GOLE COLONY, NASHIK | viii) Tel. No. 9011027610 | ix) Fax No. | |
| x) e-mail MGVKBH@GMAIL.COM | xi) URL of website https://www.mgv.org.in/dental/ | | |
| ii) Details of the Industry | | | |
| i) Name of the Industry MGV'S KARAMVEER BHAUSAHEB HIRAY DENTAL COLLEGE & HOSPITAL | ii) Email MGVKBH@GMAIL.COM | iii) Name of the contact person DR. MEENAL NITIN GULVE | |
| iv) Contact No. 9011027610 | | | |
| iii) Address of the Industry | | | |
| i) Building Name/Building No./Survey Number MGV DENTAL COLLEGE | ii) Street / Village NEAR KANNAMWAR BRIDGE | iii) City / Taluka NASHIK | |
| iv) District Nashik | v) Pin-Code Number 422003 | vi) Near by Landmark | |
| vii) Latitude coordinate 0.004094 | viii) Longitude coordinate 73.804360 | ix) Ownership Private | |
| iv) Status of Consent and Authorisation under the Bio-Medical Waste (Management and Handling) Rules | | | |
| i) Authorization No. SRO-NASHIK/BMW_AUTH/2010000073-2020 | ii) Authorization validity Date 2023-10-13 | | |
| i) Registration Number (e.g. Bombay Nursing Home reg. no.,MSDC,MBTC) | | 083170 | |
| ii) Registration Expiry Date | | 2021-12-31 | |
| v) Faculty of Medicine Dental | | | |
| vi) Name of the Common Bio-Medical Waste Treatment Facility Operator through which wastes are disposed of M/s. Water Grace Products, Nashik | | | |
| vii) Details of BMW | | | |
| Authorized BMW Quantity: MT/Month (as per valid CCA) | | | |
| Yellow 2415.00000 | Red 769.00000 | Blue 1553.00000 | White 1398.00000 |

| | | | |
|--|--------------------------|--------------------|------------------|
| eration of BMW Quantity (kg/day) | | | |
| ellow 2540.20000 | Red 802.10000 | Blue 1531.80000 | White 1416.40000 |
| Details of the accident occurred during the year | | | |
| Number of Accidents occurred | | | |
| Number of the persons affected | | | |
| Remedial Action taken (Please attach details if any) | | | |
| Any Fatality occurred, If yes details. | | | |
| Place ASHIK | Designation PRINCIPAL | Date 06-01-2022 | |



Generation of BMW Quantity (kg/day)

Yellow 2540.20000

Red 802.10000

Blue 1531.80000

White 1416.40000

) Details of the accident occurred during the year
Number of Accidents occurred

) Number of the persons affected

i) Remedial Action taken (Please attach details if any)

o

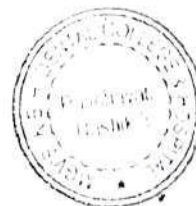
r) Any Fatality occurred, If yes details.

lo

Place
JASHIK

Designation
PRINCIPAL

Date
06-01-2022





MAHATMA GANDHI VIDYAMANDIR'S

K.B.H. DENTAL COLLEGE AND HOSPITAL

Affiliated to Maharashtra University of Health Sciences, Nashik - 422003
Savitribai Phule Pune University, Pune [I.D. No. PU/NA/DNT/040(1991)]
Recognised by DENTAL COUNCIL OF INDIA

Mumbai - Agra Road, Panchavati, Nashik - 422 003
Ph.: (0253) 2628178, 2514873 Fax : (0253) 2517354
E-mail : mgvkbh@gmail.com Web Page : www.mgv.org.in



एमजीव्ही/केबीएचडीसी/१०१०/२०२० -२१

दि. ०३/०१/२०२१

प्रति,

मा. व्यवस्थापक,
महाराष्ट्र पोलुशन कंट्रोल बोर्ड,
नाशिक विभाग,
नाशिक.

विषय :- दिनांक ०१/०१/२०२० ते ३१/१२/२०२० या कालावधीतील BMW

रेकॉर्ड सादर करणेबाबत...

सहाय्य,

वरील विषयाला अनुसरून महात्मा गांधी विद्यामंदिर संचालित, के.बी.एच. दंत महाविद्यालय आणि रुग्णालय, पंचवटी, नाशिक -३. या दंत रुग्णालयाचे दि ०१/०१/२०२० ते ३१/१२/२०२० या कालावधीतील BMW रेकॉर्ड आपल्या कार्यालयाकडे या पत्रासोबत पाठवित आहेत. कृपया स्वीकार होवून पोहोच मिळावी, ही विनंती.

म. कळावे.



आपला विश्वासू,

प्राचार्य.

FORM II

(See Rule 10)

ANNUAL REPORT

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

1 Particular of the application -

ii) Name of the applicant (accupier / Operator) : Dr.Meenal Gulave Principal.
Name of the Institution : Mahatma Gandhi Vidyamandir's K.B.H.Dental College & Hospital, Panchavati, Nashik-422 003.
Tel. No. (0253) 2514873
Fax No. (0253) 2517354

2 Categories of waste generated and

Quantity on Monthly average basis : Copy attached.

3 Brief details of the treatment facility

In case of off-site facility

iii) Name of the operator : Water Grace Products.
iv) Name of the address of the Facility : Biomedical Wastage Management Project, Near Kanamwar Bridge, Agra Road, Dwarka, Nashik.
Tel. No. (0253)2501816, 2596890
Fax No. (0253)2596889

4 Category - wise quantity of waste

Treated : Copy attached.

5 Mode of treatment with details :

6 Any other information : Nil

7 Certified that the above report is

For period from : 01/01/2020 To 31/12/2020.



Meenal Gulave
(Dr. Meenal Gulave)
Medical Officer,
Signature

Date : 31/12/2020.

Place : Nashik

FORM III

(See Rule 12)

ACCIDENT REPORTING

- | | | | |
|----|--|---|-----|
| 1. | Date and Time | : | Nil |
| 2. | Sequence of events leading to accident | : | -- |
| 3. | The waste involved in accident | : | -- |
| 4. | Assessment of the effected of the accidents | | |
| | On human health and the environment | : | -- |
| 5. | Emergency measures taken | : | -- |
| 6. | Steps taken to alleviate the effects of Accident | : | -- |
| 7. | Steps taken prevent the recurrence of such | | |
| | An accident | : | -- |

Date: 31/12/2020

Place : Nashik



Signature

MGule

Designation: PRINCIPAL

MAHATMA GANDHI VIDYAMANDIR'S
K.B.H. DENTAL COLLEGE & HOSPITAL,
PANCHAVATI, NASHIK-422 003.

REPORT OF THE TOTAL QUANTITY OF **BMW** GENERATED FROM 01/01/2020 TO 31/12/2020

| SR. NO. | MONTH | YELLOW | | RED | | BLUE | | GREEN | | REMARKS |
|---------|----------------|------------|-----------|------------|-----------|------------|-----------|------------|-----------|-----------|
| | | Total Bags | Wt. (Kgs) | Total Bags | Wt. (Kgs) | Total Bags | Wt. (Kgs) | Total Bags | Wt. (Kgs) | |
| 01 | JANUARY 2020 | 215 | 225.150 | 81 | 79.900 | 129 | 133.100 | 125 | 125.300 | |
| 02 | FEBRUARY 2020 | 194 | 205.950 | 47 | 49.400 | 115 | 119.300 | 121 | 123.900 | |
| 03 | MARCH 2020 | 151 | 161.200 | 40 | 43.050 | 92 | 95.100 | 89 | 90.100 | |
| 04 | APRIL 2020 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | Lock-Down |
| 05 | MAY 2020 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | Lock-Down |
| 06 | JUNE 2020 | 138 | 145.200 | 50 | 52.100 | 136 | 92.800 | 85 | 86.200 | |
| 07 | JULY 2020 | 212 | 223.100 | 76 | 79.500 | 140 | 142.700 | 130 | 132.100 | |
| 08 | AUGUST 2020 | 178 | 187.300 | 66 | 68.600 | 118 | 120.400 | 110 | 111.300 | |
| 09 | SEPTEMBER 2020 | 203 | 214.200 | 76 | 78.800 | 134 | 136.800 | 125 | 126.400 | |
| 10 | OCTOBER 2020 | 203 | 214.200 | 76 | 78.800 | 134 | 136.800 | 125 | 126.400 | |
| 11 | NOVEMBER 2020 | 153 | 161.500 | 57 | 59.300 | 100 | 100.900 | 95 | 95.800 | |
| 12 | DECEMBER 2020 | 212 | 222.900 | 79 | 81.600 | 139 | 141.700 | 130 | 131.500 | |
| | TOTAL | 1859 | 1960.700 | 648 | 671.050 | 1237 | 1219.600 | 1135 | 1151.200 | |

Date: 31/12/2020

Place: Nashik



Signature *M. Gulab*

Designation: *Principal*

Appr:-



Form - IV
(See rule 13)
ANNUAL REPORT

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

| | | | |
|---|--|--|------------------------|
| Application Type: HCF | Financial Year 2020 | Submit To SRO-Nashik | |
| Type of Health Care Facility Non Bedded | | | |
| 1) Particulars | | | |
| i) First Name MEENAL | ii) Middle Name NITIN | iii) Last Name GULVE | |
| iv) Designation PRINCIPAL | v) Aadhaar No 552094274835 | vi) PAN No AEDPG3044H | |
| vii) Address as per Aadhaar Card 53 EKDANT TUPSAKHARE NAGAR NEAR TIDKE COLONY NASHIK GOLE COLONY, NASHIK | viii) Tel. No. 9011027610 | ix) Fax No. | |
| x) e-mail MGVKBH@GMAIL.COM | xi) URL of website https://www.mgv.org.in/dental/ | | |
| 2) Details of the Industry | | | |
| i) Name of the Industry MGV's KARAMVEER BHAUSAHEB HIRAY DENTAL COLLEGE & HOSPITAL | ii) Email MGVKBH@GMAIL.COM | iii) Name of the contact person DR. MEENAL NITIN GULVE | |
| iv) Contact No. 9011027610 | | | |
| 3) Address of the Industry | | | |
| i) Building Name/Building No./Survey Number KBH DENTAL COLLEGEN | ii) Street / Village NEAR KANNAMWAR BRIDGE | iii) City / Taluka NASHIK | |
| iv) District Nashik | v) Pin-Code Number 422003 | vi) Near by Landmark | |
| vii) Latitude coordinate 20.004094 | viii) Longitude coordinate 73.804360 | ix) Ownership Private | |
| 4) Status of Consent and Authorisation under the Bio-Medical Waste (Management and Handling) Rules | | | |
| i) Authorization No. SRO-NASHIK/BMW_AUTH/2010000073-2020 | ii) Authorization validity Date 2023-10-13 | | |
| 5) Registration Number (e.g. Bombay Nursing Home reg. no.,MSDC,MBTC) | | 083170 | |
| 6) Registration Expiry Date | | 2021-12-31 | |
| 7) Faculty of Medicine Dental | | | |
| 8) Name of the Common Bio-Medical Waste Treatment Facility Operator through which wastes are disposed of M/s. Water Grace Products , Nashik | | | |
| 9) Details of BMW | | | |
| i) Authorized BMW Quantity MT/Month (as per valid CCA) | | | |
| Yellow 1859.0000 | Red 648.0000 | Blue 1237.0000 | White 1135.0000 |

| | | | |
|--|---------------------------------|---------------------------|------------------------|
| ii) Generation of BMW Quantity (kg/day) | | | |
| Yellow 1960.7000 | Red 671.0500 | Blue 1219.6000 | White 1151.2000 |
| 10) Details of the accident occurred during the year | | | |
| i) Number of Accidents occurred | | | |
| ii) Number of the persons affected | | | |
| iii) Remedial Action taken (Please attach details if any) | | | |
| No | | | |
| iv) Any Fatality occurred, If yes details. | | | |
| No | | | |
| Place NASHIK | Designation PRINCIPAL | Date 2021-02-27 | |



MAHATMA GANDHI VIDYAMANDIR'S

K.B.H. DENTAL COLLEGE AND HOSPITAL

Affiliated to Maharashtra University of Health Sciences, Nashik - 422003
Savitribai Phule Pune University, Pune [I.D. No. PU/NA/DNT/040(1991)]
Recognised by DENTAL COUNCIL OF INDIA

Mumbai - Agra Road, Panchavati, Nashik - 422 003
Ph.: (0253) 2628178, 2514873 Fax : (0253) 2517354
E-mail : mgvkbh@gmail.com Web Page : www.mgv.org.in



एमजीव्ही / केबीएचडीसी / २०१९ - २०
1665

दि. ०३/०१/२०२०

प्रति,

मा. व्यवस्थापक,
महाराष्ट्र पोलुशन कंट्रोल बोर्ड,
नाशिक विभाग,
नाशिक.

विषय :- दिनांक ०१/०१/२०१९ ते ३१/१२/२०१९ या
कालावधीतील BMW रेकार्ड सादर करणेबाबत ...

महोदय,

वरील विषयाला अनुसरून महात्मा गांधी विद्यामंदिर संवर्लित, के.बी.एच. दंत
महाविद्यालय आणि रुग्णालय, पंचवटी, नाशिक - ३. या दंत रुग्णालयाचे दि
०१/०१/२०१९ ते ३१/१२/२०१९ या कालावधीतील BMW रेकार्ड आपल्या
कार्यालयाकडे या पत्रासोबत पाठवित आहोत. कृपया स्वीकार होवून पोहोच मिळावी,
ही विनंती.

म. कळावे.

Received
10/1/20

प्रमुख लेखापाल
म.प्र.नि.मंडळ नाशिक.

आपला विश्वासू,

M. G. V.
प्राचार्य.



FORM II

(See Rule 10)

ANNUAL REPORT

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

1 Particular of the application -

i) Name of the applicant (accupier / Operator) : Dr.Meenal Gulave Principal,
Name of the Institution : Mahatma Gandhi Vidyamandir's K.B.H.Dental College & Hospital, Panchavati, Nashik-422 003
Tel. No. (0253) 2514873
Fax No. (0253) 2517354

2. Categories of waste generated and

Quantity on Monthly average basis : Copy attached.

3 Brief details of the treatment facility

In case of off-site facility

i) Name of the operator : Water Grace Products.
ii) Name of the address of the Facility : Biomedical Wastage Management Project, Near Kanamwar Bridge, Agra Road, Dwarka, Nashik.
Tel. No. (0253)2501816, 2596890
Fax No. (0253)2596889

4 Category – wise quantity of waste

Treated : Copy attached.

5 Mode of treatment with details : —

6 Any other information : Nil

7 Certified that the above report is

For period from : 01/01/2019 To 31/12/2019.


(Dr. Meenal Gulave)

Medical Officer,

Signature

ce : 31/12/2019.

ce : Nashik



FORM III

(See Rule 12)

ACCIDENT REPORTING

- | | | | |
|----|--|---|-----|
| 1. | Date and Time | : | Nil |
| 2. | Sequence of events leading to accident | : | -- |
| 3. | The waste involved in accident | : | -- |
| 4. | Assessment of the effected of the accidents | | |
| | On human health and the environment | : | -- |
| 5. | Emergency measures taken | : | -- |
| 6. | Steps taken to alleviate the effects of Accident | : | -- |
| 7. | Steps taken prevent the recurrence of such | | |
| | An accident | : | -- |

Date: 31/12/2019

Place : Nashik

Signature

M. Gulre

Designation:

Principal



MAHATMA GANDHI VIDYAMANDIR'S
K.B.H. DENTAL COLLEGE & HOSPITAL,
PANCHAVATI, NASHIK-422 003.

REPORT OF THE TOTAL QUANTITY OF **BMW** GENERATED FROM 01/01/2019 TO 31/12/2019

| SR. NO. | MONTH | YELLOW | | RED | | BLUE | | GREEN | | REMARK |
|---------|----------------|-------------|-----------------|------------|----------------|-------------|-----------------|-------------|-----------------|--------|
| | | Total Bags | Wt. (Kgs) | Total Bags | Wt. (Kgs) | Total Bags | Wt. (Kgs) | Total Bags | Wt. (Kgs) | |
| 01 | JANUARY 2019 | 208 | 223.650 | 56 | 61.150 | 110 | 113.200 | 126 | 128.900 | |
| 02 | FEBRUARY 2019 | 194 | 207.200 | 45 | 47.500 | 111 | 115.300 | 121 | 123.900 | |
| 03 | MARCH 2019 | 196 | 205.400 | 64 | 63.750 | 118 | 123.000 | 123 | 123.400 | |
| 04 | APRIL 2019 | 178 | 189.900 | 29 | 30.800 | 98 | 101.500 | 111 | 113.600 | |
| 05 | MAY 2019 | 198 | 208.650 | 60 | 60.450 | 117 | 121.400 | 124 | 118.900 | |
| 06 | JUNE 2019 | 197 | 210.000 | 63 | 64.550 | 117 | 122.600 | 124 | 124.600 | |
| 07 | JULY 2019 | 225 | 235.600 | 67 | 67.950 | 129 | 135.000 | 132 | 132.600 | |
| 08 | AUGUST 2019 | 180 | 190.450 | 31 | 32.700 | 98 | 101.800 | 110 | 112.400 | |
| 09 | SEPTEMBER 2019 | 182 | 190.150 | 56 | 56.000 | 109 | 113.100 | 113 | 112.500 | |
| 10 | OCTOBER 2019 | 149 | 149.250 | 53 | 51.300 | 80 | 84.400 | 85 | 83.600 | |
| 11 | NOVEMBER 2019 | 208 | 212.000 | 75 | 74.200 | 109 | 112.300 | 124 | 126.400 | |
| 12 | DECEMBER 2019 | 209 | 218.850 | 61 | 62.250 | 118 | 123.500 | 122 | 121.900 | |
| | TOTAL | 2324 | 2441.100 | 660 | 672.600 | 1314 | 1367.100 | 1415 | 1422.700 | |

Date: 31/12/2019

Place : Nashik

Signature

Designation: Pm



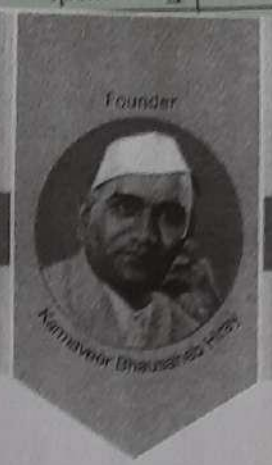


MAHATMA GANDHI VIDYAMANDIR'S

K.B.H. DENTAL COLLEGE AND HOSPITAL

Affiliated to Maharashtra University of Health Sciences, Nashik - 422003
Savitribai Phule Pune University, Pune [I.D. No. PU/NA/DNT/040(1991)]
Recognised by DENTAL COUNCIL OF INDIA

Mumbai - Agra Road, Panchavati, Nashik - 422 003
Ph.: (0253) 2628178, 2514873 Fax : (0253) 2517354
E-mail : mgvkbh@gmail.com Web Page : www.mgv.org.in



एमजीव्ही/केबीएचडीसी/१११/२०१८-१९ दि. ०१/०१/२०१९

प्रति,

मा. व्यवस्थापक,
महाराष्ट्र पोलुशन कंट्रोल बोर्ड,
नाशिक विभाग,
नाशिक.

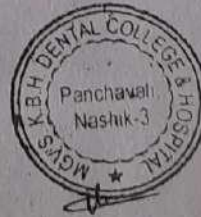
विषय :- दिनांक ०१/०१/२०१८ ते ३१/१२/२०१८ या
कालावधीतील BMW रेकॉर्ड सादर करणेबाबत...

महोदय,

वरील विषयाला अनुसरून महात्मा गांधी विद्यामंदिर संचलित, के.बी.एच. दंत
महाविद्यालय आणि रुग्णालय, पंचवटी, नाशिक -३. दि ०१/०१/२०१८ ते
३१/१२/२०१८ या कालावधीतील BMW रेकॉर्ड आपल्या कार्यालयाकडे या
पत्रासोबत पाठवित आहोत. कृपया स्वीकार होवून पोहोच मिळावी, ही विनंती.

म. कळावे.

Received
4/1/19
Clerk to
Regional Office
M.P.C. Board.
Nashik.



आपला विश्वासू,

प्राचार्य.

FORM II

(See Rule 10)

ANNUAL REPORT

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

1 Particular of the application -

iv) Name of the applicant : Dr. Sanjay R. Shinde.
(accupier / Operator) Vice Principal.

Name of the Institution : Mahatma Gandhi Vidyamandir's
K.B.H.Dental College & Hospital,
Panchavati, Nashik-422 003.

Tel. No. (0253) 2514873

Fax No. (0253) 2517354

2. Categories of waste generated and

Quantity on Monthly average basis : Copy attached.

3 Brief details of the treatment facility

In case of off-site facility

v) Name of the operator : Water Grace Products.

vi) Name of the address of the Facility : Biomedical Wastage Management Project,
Near Kanamwar Bridge, Agra Road, Dwarka, Nashik.

Tel. No. (0253)2501816, 2596890

Fax No. (0253)2596889

4 Category - wise quantity of waste

Treated : Copy attached.

5 Mode of treatment with details :

6 Any other information : Nil

7 Certified that the above report is

For period from : 01/01/2018 To 31/12/2018.

Date: 31/12/2018.

Place : Nashik

Signature



(Dr. S. R. Shinde)
medical officer

FORM III

(See Rule 12)


ACCIDENT REPORTING

1. Date and Time : Nil
2. Sequence of events leading to accident :
3. The waste involved in accident :
4. Assessment of the effected of the accidents
On human health and the environment :
5. Emergency measures taken :
6. Steps taken to alleviate the effects of Accident :
7. Steps taken prevent the recurrence of such
An accident :

Date: 31/12/2018

Place : Nashik




Signature

Medical Officer
Designation:

**MAHATMA GANDHI VIDYAMANDIR'S
K.B.H. DENTAL COLLEGE & HOSPITAL,
PANCHAVATI, NASHIK-422 003.**

Date:- Jan. 2018 To Dec. 2018

| Sr.No. | Date | Yellow | | Red | | Blue | | Green | | REMARKS |
|--------|--------------|-------------|-----------------|------------|----------------|------------|----------------|------------|----------------|---------|
| | | Total Bags | Wt.(Kgs.) | Total Bags | Wt.(Kgs.) | Total Bags | Wt.(Kgs.) | Total Bags | Wt.(Kgs.) | |
| 1 | Jan. 2018 | 185 | 187.500 | 36 | 36.100 | 36 | 36.000 | 33 | 19.000 | |
| 2 | Feb. 2018 | 171 | 182.850 | 38 | 40.550 | 29 | 30.800 | 37 | 27.350 | |
| 3 | March. 2018 | 184 | 189.000 | 69 | 73.300 | 23 | 23.800 | 79 | 79.100 | |
| 4 | April. 2018 | 176 | 180.300 | 66 | 66.000 | 22 | 22.000 | 77 | 77.900 | |
| 5 | May. 2018 | 208 | 211.300 | 78 | 78.100 | 26 | 26.300 | 91 | 91.800 | |
| 6 | June. 2018 | 200 | 204.700 | 75 | 75.900 | 25 | 25.000 | 88 | 78.400 | |
| 7 | July. 2018 | 200 | 203.250 | 75 | 75.300 | 26 | 26.350 | 97 | 94.200 | |
| 8 | August. 2018 | 184 | 173.750 | 69 | 65.300 | 61 | 43.400 | 92 | 89.300 | |
| 9 | Sept. 2018 | 184 | 177.600 | 60 | 58.800 | 70 | 53.700 | 92 | 93.300 | |
| 10 | Oct. 2018 | 192 | 201.200 | 58 | 60.900 | 72 | 74.800 | 88 | 93.900 | |
| 11 | Nov. 2018 | 136 | 150.850 | 43 | 46.900 | 50 | 53.650 | 59 | 63.700 | |
| 12 | Dec. 2018 | 192 | 207.700 | 59 | 62.500 | 72 | 73.800 | 85 | 87.500 | |
| | Total | 2212 | 2270.000 | 726 | 739.650 | 512 | 489.600 | 918 | 895.450 | |



Life

BIOMEDICAL WASTE POLICY DOCUMENT



**Mahatma Gandhi Vidyamandir's
Karmaveer Bhausaheb Hiray Dental College & Hospital
Panchavati, Nashik-422003**

Outward No. MGVBHDC/ IQAC/128 / 2019-20

Date: -13/07/2020

**BIOMEDICAL WASTE MANAGEMENT POLICY FOR MAHATMA GANDHI
VIDYAMANDIR'S KARMAVEER BHAUSAHEB HIRAY DENTAL COLLEGE &
HOSPITAL PANCHAVATI, NASHIK-422003**

Introduction:

MGV KBH Dental College and Hospital, Nashik recognizes the importance of effective biomedical waste management to ensure the health and safety of our students, faculty, staff, patients, and the environment. This policy document outlines the guidelines and procedures for the proper handling, treatment, and disposal of biomedical waste generated within our institution.

Legal Framework:

This policy is developed in accordance with the Biomedical Waste Management Rules, 2016, issued under the Environment (Protection) Act, 1986, and any subsequent amendments. Compliance with these regulations is mandatory for all departments and individuals involved in biomedical waste management activities within the college premises. Prior mandatory approvals are obtained from both the "Maharashtra Pollution Control Board" and the Nashik Municipal Corporation." We have procured Letter of Bio-Medical waste Authorisation from "Maharashtra Pollution Control Board"

Classification of Biomedical Waste:

Biomedical waste generated at MGV KBH Dental College is categorized into various types, including sharps waste, infectious waste, pathological waste, pharmaceutical waste, chemical waste, and others, as defined by the Biomedical Waste Management Rules, 2016.

A. Sharps Waste:

Sharps waste includes any objects that can puncture or lacerate the skin, such as needles, syringes, scalpels, and broken glass. These items are typically contaminated with blood or other bodily fluids and pose a risk of injury and infection if not handled properly.

B. Infectious Waste:

Infectious waste comprises materials contaminated with pathogens, including bacteria, viruses, fungi, and parasites. This category includes discarded tissues, blood-soaked bandages, cultures, swabs, and disposable medical supplies used in procedures involving infectious patients.

C. Pathological Waste:

Pathological waste consists of human or animal tissues, organs, body parts, and fluids removed during surgery, autopsy, or medical procedures. This category also includes

foetuses, placentas, and anatomical specimens generated during educational activities or research.

D. Pharmaceutical Waste:

Pharmaceutical waste includes expired, unused, or contaminated medications, drugs, and vaccines. This category encompasses expired tablets, capsules, vials, ampoules, liquid medicines, and chemotherapy agents, as well as pharmaceutical packaging materials.

E. Chemical Waste:

Chemical waste comprises hazardous substances used in healthcare activities, such as disinfectants, solvents, laboratory reagents, and cleaning agents. This category also includes mercury-containing devices, batteries, and electronic equipment containing toxic components.

F. Radiological waste,

The Radiation Protection Rules of 2004 issued by the Atomic Energy Regulatory Authority of India provide specific guidelines for the management of x-ray film, lead foil, developing solutions, and other radiological materials.

lead foil, films and developing solution, poses potential hazards to human health and the environment. We adhere to strict guidelines for the safe handling and disposal of radiological waste to ensure the well-being of our community and the ecosystem.

We collect lead foil and film scraps and residues in designated containers labelled for "Lead Waste" "Film Waste" to prevent mixing with other waste streams. This waste is then given to a licensed hazardous waste disposal company specializing in lead and film waste management.

Following radiographic film processing, the developing and fixer solutions contain harmful chemicals. After neutralizing them according to local hazardous waste regulations, we engage a licensed hazardous waste disposal company for proper disposal

G. Electronic-waste

We ensure responsible Electronic-waste management by collecting, segregating, and recycling electronic devices. We prioritize reuse and data security while complying with regulations. Through awareness programs, we promote sustainable practices, safeguarding the environment and enhancing community well-being. we dispose of E-waste by partnering with certified recyclers who adhere to environmentally sound practices. Non-functional or obsolete devices undergo proper recycling, ensuring minimal environmental impact. Through these methods, we fulfil our commitment to sustainable waste management and environmental care.

Generation and Handling:

All departments and units within the college are responsible for segregating biomedical waste at the point of generation into color-coded bins provided for each category of waste. Trained personnel shall handle and store biomedical waste in designated areas to prevent cross-contamination and ensure safe transportation to the treatment facility. The biomedical waste gathered from each department will be centralized in a designated collection area and transferred daily to Water grace, the authorized bio-waste management agency, for disposal. Before disposing of the waste, all departments and the centralized section will weigh the quantity disposed.

Colour coded bags

By implementing the color-coded bags for biomedical waste management, MGV KBH Dental College ensures proper segregation, handling, and disposal of different types of waste generated within the dental facility, in compliance with regulatory requirements and best practices for infection control and environmental protection.

1. **Red Bags or Containers:** Red bags or containers are used for the disposal of sharp items generated during dental procedures. This includes needles, syringes, scalpel blades, orthodontic wires, and any other sharp objects that may cause puncture wounds.
2. **Yellow Bags or Containers:** Yellow bags or containers are designated for infectious waste generated in dental procedures. This includes materials contaminated with blood, saliva, or other bodily fluids, such as used gauze, extracted teeth, contaminated impression materials, and disposable bibs.
3. **Blue Bags or Containers:** Blue bags or containers are used for the disposal of materials contaminated with chemicals or medications used in dental procedures. This includes expired or unused dental drugs, chemicals used for disinfection or sterilization, and other pharmaceutical waste.
4. **Green Bags or Containers:** Green Bags or containers are used for the disposal of paper materials and packaging materials, such as Papers cardboard boxes, plastic wrappers, and other packaging materials associated with dental supplies and equipment.
5. **Orange Bags or Containers:** Orange bags or containers are designated for the disposal of waste pharmaceuticals that are cytotoxic or genotoxic in nature. This includes any expired, unused, or contaminated medications used in dental procedures that fall under this category.
6. **White Bags or Containers:** White bags or containers are for non-infectious and non-hazardous waste generated in administrative areas, waiting rooms, and other non-clinical spaces. This includes paper towels, and other general waste that does not pose a risk of infection or contamination.
7. **Black bags or Containers:** Black bags or containers are specifically designated for the disposal of food waste and wet waste. These bags are used to collect organic materials such as leftover food, vegetable peelings, fruit scraps, and other biodegradable waste that may decompose and produce odours or attract pests if not properly managed.

Treatment and Disposal:

Biomedical waste collected from MGV KBH Dental College undergoes treatment through approved methods such as autoclaving, microwaving, or chemical treatment, as per the guidelines specified in the Biomedical Waste Management Rules, 2016. Treated waste is then disposed of in accordance with environmental regulations to prevent harm to public health and the ecosystem. After the treatment of biomedical waste, it is disposed of to the common disposal provider, "Water grace Product, Nashik," a facility approved by the Nashik Municipal Corporation & Maharashtra Pollution Control Board.

Non-Hazardous Waste:

Non-hazardous waste includes materials that do not pose a risk of infection, contamination, or harm to human health or the environment. This category may include items such as paper, cardboard, food waste, and non-infectious patient care products.

Others:

This category encompasses any other types of biomedical waste that do not fall into the specific classifications mentioned above but still require appropriate handling, treatment, and disposal to prevent harm to public health and the environment.

By classifying biomedical waste into these categories, MGV KBH Dental College ensures proper segregation, handling, and disposal according to regulatory guidelines, minimizing risks to the health and safety of individuals and the surrounding community.

Training and Awareness:

Regular training programs on biomedical waste management practices are conducted for all faculty, staff, and students involved in waste handling activities. Awareness campaigns are organized to educate the college community about the importance of segregation, safety precautions, and environmental stewardship in biomedical waste management.

Biodegradable Solid Waste: (Green Initiative)

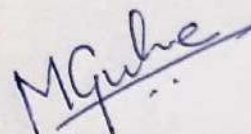
We suggest recycling biodegradable solid waste from the campus through composting and biogas production. The resulting compost will serve as organic fertilizer for campus plants and trees, aligning with our green campus initiative.

Conclusion:

MGV KBH Dental College is committed to ensuring the highest standards of biomedical waste management to protect the health and well-being of our community and the environment. By adhering to the guidelines outlined in this policy, we contribute to a safer and healthier future for generations to come. Also; we ensure effective management of both wet and dry waste to promote environmental sustainability and maintain cleanliness on campus.

References:

1. Biomedical Waste Management Rules, 2016, Ministry of Environment, Forest and Climate Change, Government of India.
2. Environment (Protection) Act, 1986, Ministry of Environment, Forest and Climate Change, Government of India.
3. Guidelines for Handling and Disposal of Biomedical Waste in India, Ministry of Environment, Forest and Climate Change



Dr. Meenal Gulve

Principal

Dr. Meenal Gulve
PRINCIPAL

MGV's KBH Dental College & Hospital
Panchavati, Nashik-422 003

ELECTRONIC WASTE MANAGEMENT

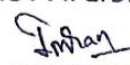
ANNEXURE - A

MAHATMA GANDHI VIDYAMANDIR'S
KARMAVEER BHAUSAHEB HIRAY DENTAL COLLEGE 2022-23, NASHIK.

E-Waste Material:

| Sr. No. | Description | Waste Material issue | Qty. |
|--|--|-----------------------------|----------|
| Display Devices | | | |
| 01 | Computer Monitors (Including CRT) LG/Acer/Zenith | Monitor Display Board Issue | 15 |
| 02 | LCD Monitors | Monitor Line issue | 02 |
| 03 | Closed Circuit Monitor Screens | -- | -- |
| 04 | Televisions (Including CRT, LCD, Plasma, and Rear Projection) | -- | -- |
| Desktop and Portable Computer | | | |
| 01 | Desktop Computer Zenith/Compaq | P4 Machine | 10 |
| 02 | RAM DDR1 DDR | Non useable | 16 |
| Computer Peripherals | | | |
| 01 | CD-ROM, DVD, | Not readable | 18 |
| 02 | Floppy-disk Drives | Non useable | 20 |
| 03 | Computer Mouse (PS2) | Cable damage | 02 |
| 04 | Computer Keyboards (PS2) | Key Not Press | 02 |
| 05 | Wired CAT 6 Cable & CCTV Cable | Cable Problem | 100(mtr) |
| 06 | ADSL Modems (BSNL) | -- | -- |
| Printing Devices | | | |
| 01 | Desktop Printer and Multi-Function or "All in One" Devices/CANON | Logic Board issue | 08 |
| 02 | Dot Matrix Printer (EPSON) | Non useable | 03 |
| Image, Audio and Video Devices | | | |
| 01 | Digital Video Disk CD/DVD players and recorders MP3 Players | Disk damaged | 20 |
| 02 | Digital Projectors | -- | -- |
| 03 | Speaker Systems, including computer speakers | -- | -- |
| Non OES that can be accepted at no cost | | | |
| 01 | Routers, Network hubs, and other networking devices | Routers | 01 |
| 02 | Wireless Devices | -- | -- |
| 03 | Telephony Devices | -- | 02 |

For ERA GREEN
E-WASTE RECYCLING PVT. LTD.


DIRECTOR

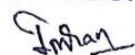
ANNEXURE - A

MAHATMA GANDHI VIDYAMANDIR'S
KARMAVEER BHAUSAHEB HIRAY DENTAL COLLEGE 2021-22, NASHIK.

E-Waste Material:

| Sr. No. | Description | Waste Material issue | Qty. |
|--|--|-----------------------------|---------|
| Display Devices | | | |
| 01 | Computer Monitors (Including CRT) LG/Acer/Zenith | Monitor Display Board Issue | 08 |
| 02 | LCD Monitors | -- | -- |
| 03 | Closed Circuit Monitor Screens | -- | -- |
| 04 | Televisions (Including CRT, LCD, Plasma, and Rear Projection) | -- | -- |
| Desktop and Portable Computer | | | |
| 01 | Desktop Computer Zenith/Compaq | P4 Machine | 08 |
| 02 | RAM DDR1 DDR | -- | -- |
| Computer Peripherals | | | |
| 01 | CD-ROM, DVD, | Not readable | 10 |
| 02 | Floppy-disk Drives | -- | -- |
| 03 | Computer Mouse (PS2) | Cable damage | 02 |
| 04 | Computer Keyboards (PS2) | Key Not Press | 01 |
| 05 | Wired CAT 6 Cable & CCTV Cable | Cable Problem | 21(Mtr) |
| 06 | ADSL Modems (BSNL) | -- | -- |
| Printing Devices | | | |
| 01 | Desktop Printer and Multi-Function or "All in One" Devices/CANON | Logic Board issue | 05 |
| 02 | Dot Matrix Printer (EPSON) | -- | -- |
| Image, Audio and Video Devices | | | |
| 01 | Digital Video Disk CD/DVD players and recorders MP3 Players | Disk damaged | 18 |
| 02 | Digital Projectors | -- | -- |
| 03 | Speaker Systems, including computer speakers | -- | 01 |
| Non OES that can be accepted at no cost | | | |
| 01 | Routers, Network hubs, and other networking devices | Routers | 01 |
| 02 | Wireless Devices | -- | -- |
| 03 | Telephony Devices | -- | -- |

For ERA GREEN
E-WASTE RECYCLING PVT. LTD.


DIRECTOR

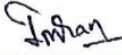
ANNEXURE - A

MAHATMA GANDHI VIDYAMANDIR'S
KARMAVEER BHAUSAHEB HIRAY DENTAL COLLEGE 2020-21, NASHIK.

E-Waste Material:

| Sr. No. | Description | Waste Material Description | Qty. |
|--|--|-----------------------------|---------|
| Display Devices | | | |
| 01 | Computer Monitors (Including CRT) LG/Acer/Zenith | Monitor Display Board Issue | 04 |
| 02 | LCD Monitors | Display Panel Damaged | 01 |
| 03 | Closed Circuit Monitor Screens | -- | -- |
| 04 | Televisions (Including CRT, LCD, Plasma, and Rear Projection) | -- | -- |
| Desktop and Portable Computer | | | |
| 01 | Desktop Computer Zenith/Compaq | P4 Machine | 01 |
| 02 | RAM DDR1 DDR | Non useable | 02 |
| Computer Peripherals | | | |
| 01 | CD-ROM, DVD, | Not readable | 16 |
| 02 | Floppy-disk Drives | Non useable | -- |
| 03 | Computer Mouse (PS2) | Cable damage | 01 |
| 04 | Computer Keyboards (PS2) | Key Not Press | 01 |
| 05 | Wired CAT 6 Cable & CCTV Cable | Cable Problem | 10(Mtr) |
| 06 | ADSL Modems (BSNL) | Board Issue | 01 |
| Printing Devices | | | |
| 01 | Desktop Printer and Multi-Function or "All in One" Devices/CANON | Logic Board issue | -- |
| 02 | Dot Matrix Printer (EPSON) | Non useable | -- |
| Image, Audio and Video Devices | | | |
| 01 | Digital Video Disk CD/DVD players and recorders MP3 Players | Disk damaged | 02 |
| 02 | Digital Projectors | -- | -- |
| 03 | Speaker Systems, including computer speakers | -- | -- |
| Non OES that can be accepted at no cost | | | |
| 01 | Routers, Network hubs, and other networking devices | Routers | 01 |
| 02 | Wireless Devices | Wireless board issue | 02 |
| 03 | Telephony Devices | -- | -- |

For ERA GREEN
E-WASTE RECYCLING PVT. LTD.


DIRECTOR

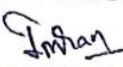
ANNEXURE - A

MAHATMA GANDHI VIDYAMANDIR'S
KARMAVEER BHAUSAHEB HIRAY DENTAL COLLEGE 2019-20, NASHIK.

E-Waste Material:

| Sr. No. | Description | Waste Material Description | Qty. |
|--|--|-----------------------------|---------|
| Display Devices | | | |
| 01 | Computer Monitors (Including CRT) LG/Acer/Zenith | Monitor Display Board Issue | 02 |
| 02 | LCD Monitors | Monitor Line issue | 01 |
| 03 | Closed Circuit Monitor Screens | -- | -- |
| 04 | Televisions (Including CRT, LCD, Plasma, and Rear Projection) | -- | -- |
| Desktop and Portable Computer | | | |
| 01 | Desktop Computer Zenith/Compaq | P4 Machine | 02 |
| 02 | RAM DDR1 DDR | Non useable | 01 |
| Computer Peripherals | | | |
| 01 | CD-ROM, DVD, | Not readable | 05 |
| 02 | Floppy-disk Drives | Non useable | 16 |
| 03 | Computer Mouse (PS2) | Cable damage | 05 |
| 04 | Computer Keyboards (PS2) | Key Not Press | 02 |
| 05 | Wired CAT 6 Cable & CCTV Cable | Cable Problem | 15(Mtr) |
| 06 | ADSL Modems (BSNL) | - | -- |
| Printing Devices | | | |
| 01 | Desktop Printer and Multi-Function or "All in One" Devices/CANON | Logic Board issue | 01 |
| 02 | Dot Matrix Printer (EPSON) | Non useable | 01 |
| Image, Audio and Video Devices | | | |
| 01 | Digital Video Disk CD/DVD players and recorders MP3 Players | Disk damaged | 12 |
| 02 | Digital Projectors | -- | -- |
| 03 | Speaker Systems, including computer speakers | -- | 01 |
| Non OES that can be accepted at no cost | | | |
| 01 | Routers, Network hubs, and other networking devices | Routers | 02 |
| 02 | Wireless Devices /Keyboard | Wireless board issue | 01 |
| 03 | Telephony Devices | -- | -- |

For ERA GREEN
E-WASTE RECYCLING PVT. LTD.


DIRECTOR

ANNEXURE - A

MAHATMA GANDHI VIDYAMANDIR'S
KARMAVEER BHAUSAHEB HIRAY DENTAL COLLEGE 2018-19, NASHIK.

E-Waste Material:

| Sr. No. | Description | Waste Material issue | Qty. |
|--|--|-----------------------------|---------|
| Display Devices | | | |
| 01 | Computer Monitors (Including CRT) LG/Acer/Zenith | Monitor Display Board Issue | 05 |
| 02 | LCD Monitors | Monitor Line issue | 03 |
| 03 | Closed Circuit Monitor Screens | -- | -- |
| 04 | Televisions (Including CRT, LCD, Plasma, and Rear Projection) | -- | 01 |
| Desktop and Portable Computer | | | |
| 01 | Desktop Computer Zenith/Compaq | P4 Machine | 05 |
| 02 | RAM DDR1 DDR | Non useable | 10 |
| Computer Peripherals | | | |
| 01 | CD-ROM, DVD, | Not readable | 15 |
| 02 | Floppy-disk Drives | Non useable | 20 |
| 03 | Computer Mouse (PS2) | Cable damage | 07 |
| 04 | Computer Keyboards (PS2) | Key Not Press | 03 |
| 05 | Wired CAT 6 Cable & CCTV Cable | Cable Problem | 80(Mtr) |
| 06 | ADSL Modems (BSNL) | Board Issue | 01 |
| Printing Devices | | | |
| 01 | Desktop Printer and Multi-Function or "All in One" Devices/CANON | Logic Board issue | 03 |
| 02 | Dot Matrix Printer (EPSON) | Non useable | 02 |
| Image, Audio and Video Devices | | | |
| 01 | Digital Video Disk CD/DVD players and recorders MP3 Players | Disk damaged | 38 |
| 02 | Digital Projectors | -- | 01 |
| 03 | Speaker Systems, including computer speakers | -- | 01 |
| Non OES that can be accepted at no cost | | | |
| 01 | Routers, Network hubs, and other networking devices | Routers | 03 |
| 02 | Wireless Devices | Wireless board issue | 03 |
| 03 | Telephony Devices | -- | 03 |

For ERA GREEN
E-WASTE RECYCLING PVT. LTD.


DIRECTOR

WASTE RECYCLING SYSTEM



MAHATMA GANDHI VIDYAMANDIR's

Central Office,
6th FLOOR, K.B.H. DENTAL COLLEGE & HOSPITAL,
PANCHAVATI, NASHIK - 422 003
PH: (0253) 2628123. TELE-FAX (0253) 2621335

Ref. No. MGVN/2015-16/7032

Date:- 29/03/2016

PURCHASE ORDER

NAME OF THE COLLEGE:- KBH Dental College & Hospital Panchavati Nashik-03.

To,
NIRMAL WATER TECH
Shop No. 003, Plot No. 12, Karishma Chs,
Near Bhawani Chowk, "B" Cabin Road,
Ambarnath (East), Dist. Thane - 421501.

Kind Attention - Mr. Avinash Sarode

With reference to Quotation No. 114/QTR/2015-2016 Dated- 16/02/2016 for the supply of Erection, commission of Effluent Treatment plant 5m³/day and sewage Treatment plant 30m³/day and subsequent discussion you had with Concern, we are placing the **Purchase Order** with you as under:

| Sr. No | Description | Qty | Unit | Rate | Amount |
|--------|---|----------|----------|-----------------|-----------------|
| 1 | Supply, Erection, commissioning of Effluent Treatment Plant of Capacity 5m ³ /day including pumps, diffusers, dosing pumps etc. complete | Complete | One unit | Rs. 12,60,000/- | Rs. 12,60,000/- |
| 2 | Supply, Erection, commissioning of Sewage Treatment Plant of Capacity 30m ³ /day including pumps, diffusers, dosing pumps etc. complete | Complete | One unit | | |
| 3 | One Additional Pump for Sewage Treatment Plant With Complete fitting Suction & Delivery pipe | Complete | One unit | 25,000/- | 25,000/- |
| Total | | | | | 12,85,000/- |

2. Scope of Work & Specification.

- Supply, Erection, Commissioning of Effluent Treatment plant 5m³/day and Sewage Treatment Plant of capacity 30 cum/day.
- Material specification required for Effluent Treatment Plant as per Quotation No. 113/15-16 and Sewage Treatment Plant as per Quotation no. 114/15-16 dated 16-02-2016.

3. Transportation - Rs.15000/-

4. Sales Taxes -12.5% VAT Extra

5. Payment Schedule: -50 % Advance, 40 % against Performa invoice prior to dispatch,

5 % against Installation and 5 % against Commissioning or 2 months from the date of dispatch
whichever is earlier.


6. Delivery -5 -6 weeks from the date of PO

(Recommended By)

(Pre-Approved By)


(Pre-Sanctioned By)


(Sanctioned By)


(Mr. S.P. Kushare)


(Dr. Apoorva Hiray)

47


(Dr. V. S. More)


(Dr. Prashant Hiray)

NIRMAL WATER TECH

Shop No. 003/Plot No. 12, Karishma CHS, Near Bhawani Chowk, B-Cabin Road,

Mob: 9923 111116/ 9324284736/ 9322984560 • E-mail : nirmalwater@hotmail.com

TAX INVOICE

| | | | |
|--|--|--|---------------------|
| INVOICE NO : 070/16-17 | | DATE : 16/09/2016 | |
| Bill To, Mahatma Gandhi Vidyamandir | | Ship To, Mahatma Gandhi Vidyamandir's | |
| 8 th Floor, K.B.M. Dental College & Hospital, | | 8 th Floor, K.B.M. Dental College & Hospital, | |
| Panchavati, Nashik - 422 003 | | Panchavati, Nashik - 422 003. | |
| Tel No. 0253-2628123. | | Tel No. 0253-2628123. | |
| Customer PAN No. AATM3303171 | | Customer PAN No. AATM3303171 | |
| SP | P.O. NUMBER | REPORT NO. DATE | VENDOR CODE |
| AVI | MGVN/2015-16/7032 | SHIPPED VIA | SHIPPED VIA |
| SR NO | DESCRIPTION | QUANTITY | AMOUNT |
| 1 | Effluent Treatment Plant | 1 no. | 12,60,000.00 |
| 2 | Sewage Treatment Plant | 1 no. | |
| 3 | Additional Pump Sewage Treatment Plant | 1 no. | 25,000.00 |
| Total | | | 12,85,000.00 |
| Tax 12.5% Vat | | | 1,60,625.00 |
| Round off | | | 0.00 |
| Rs. Fourteen Lakh Forty-Five Thousand Six Hundred Twenty-Five Only. | | GRAND TOTAL Rs. 14,45,625.00 | |

VAT LIN: 27341002450V

VAT LIN: 27341002450C

PAN No. - BPUPS3096A

I/We hereby certify that our Registration certificate under the Maharashtra Value Added Tax Act, 2002 is in force on the date on which the sale of goods specified in this tax invoice is made by me/us and that the transaction of sales covered by this tax invoice has been effected by me/us and it shall be accounted for the turnover of sales while filling of return and the due tax, if any, payable on the basis on the sales has been paid or shall be paid

(Subject to Ambarnath Jurisdiction)

Yours faithfully,

FOR Nirmal Water Tech



AUTHORIZED SIGNATORY

Make all D.D. payable to: Nirmal Water Tech, Ambarnath, Maharashtra.

Rec.
17/9/2016

Nk
Paid

Dhore
23/09/16



Mahatma Gandhi Vidyamandir's
Karmaveer Bhausaheb Hiray Dental College & Hospital
Panchavati, Nashik-422003

SEWAGE TREATMENT PLANT

- Sewage Treatment Plant total Capacity– 30 m³/Day
- Operation hours – 24 Hours

The water purification in STP is carried out under three headings: -

- 1) **Primary treatment** – Removal of solid impurities.
- 2) **Secondary treatment** – Removal of organic matter.
- 3) **Tertiary treatment** – Treating water with chemical to make it reusable.

1) Primary treatment –

- **Pre Treatment** – Sewage collected from septic tank gets collected in equalization tank. The purpose is to equalize sewage and send it to primary treatment.
- **Grit removal** – It may include sand or grit channels / chambers. These are useful for settlement of coarse sand, grit, small stones and other hard impurities because it may damage pump and equipment.

2) Secondary Treatment-(Aeration Tank)

- Then sewage transfer pump takes sewage to aeration tank. Aeration done to increase dissolved oxygen level which acts as food for bacteria.
- In this stage dissolved and suspended biological matter is removed.
- Secondary treatment may require separation process to remove microorganisms from treated water prior to discharge for subsequent treatments.
- The STP plants treat settled sewage liquid using aerobic biological process.
- To be effective, biota requires both oxygen and food to live.
- The bacteria and protozoa consume biodegradable soluble organic contaminants and less soluble fractions forms flock.

Primary Settler Tank–Once flocks are formed, they need to settled out & this takes place in sedimentation process. The water after coagulation and flocculation is kept in tank for several hours for sedimentation. The material accumulated at bottom is called sludge.

3) Tertiary Treatment –

The treated water is filtered and disinfected chemically or physically prior to discharge for reuse .this water is use for gardening and irrigation of grass land.

Filtration –

Sand and activated filters–

- Filtration is carried out by passing water through beds of sands sand filters and activated carbon filter.
- When filters are full of trapped solids, they are backwashed. In this process, clean water and air are pumped backwards up the filter to discharge trapped impurities and water carrying the dirt (called as backwash) is pumped into sewerage system.
- It is used for removing solid particles, odour and colour from raw water.

Disinfection –

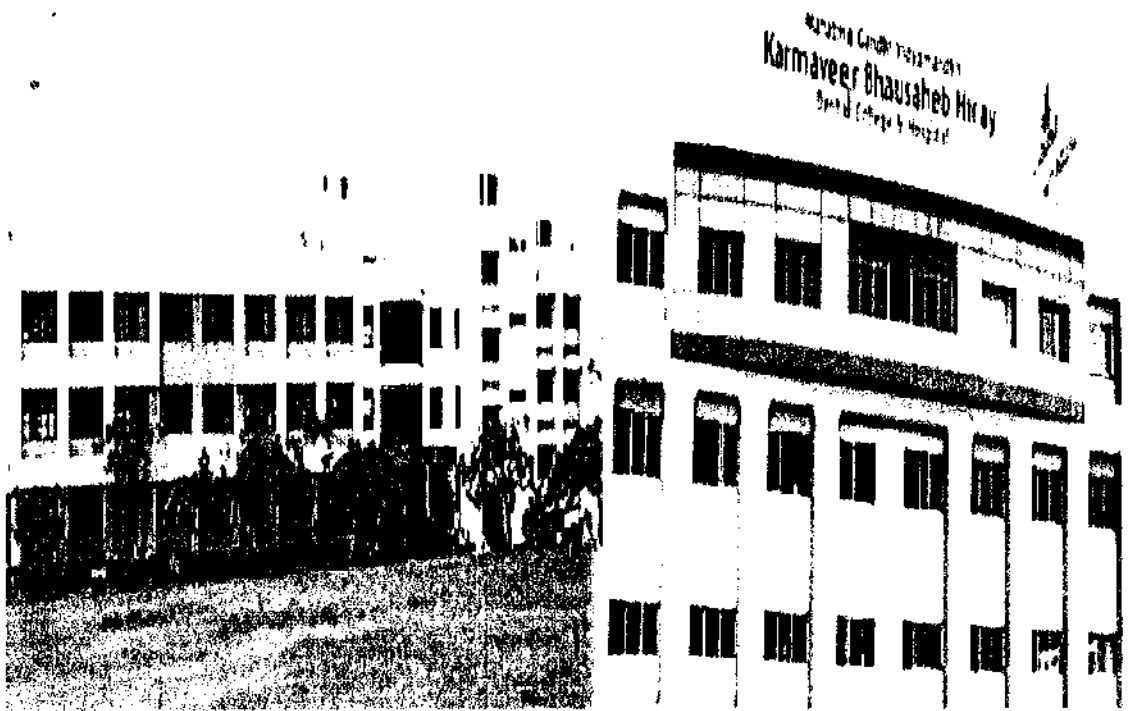
- The purpose of disinfection in the water treatment is to reduce the number of microorganisms in water to be discharged back into environment. The effective ness of disinfection is depends on the quality of water being treated (e.g. cloudiness, pH etc.)
- Generally common methods of disinfection include ozone, chlorine or sodium hypochlorite .
- Chlorination is most common form of disinfection due its low cost and long term history of effectiveness.

Ozonation –

- Its generated by passing oxygen through high voltage potential resulting in forming O₃ (Ozone) .Ozone is very unstable and reactive oxidises most organic material comes in contact with, so able to destroy many pathogenic microorganisms.
- Ozone is considered to be safer than chlorine,Ozonation produces lesser number disinfection by products than chlorination.
- Final treated (recycled) water is use for gardening purpose.

COMPREHENSIVE GREEN AUDIT REPORT

COMPREHENSIVE GREEN AUDIT REPORT
FOR
MAHATMA GANDHI VIDYAMANDIR'S
K.B.H. DENTA COLLEGE & HOSPITAL, PACHAVATI, NASHIK-3.



DATE OF AUDIT—JULY 11, 2023.

AUDIT CARRIED OUT BY—

MM Consultancy Services, Nashik

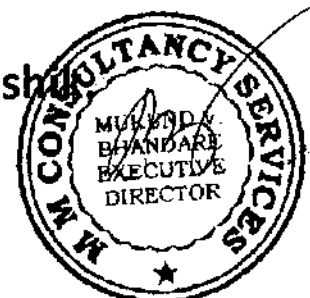


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ACKNOWLEDGEMENT.

MM Consultancy Services Nashik is grateful to the Trustee Shri Pratik Kale Sir & Management of Mahatma Gandhi Vidya Mandir's K.B.H. Dental College & Hospital Panchavati Nashik for giving us an opportunity to carry out a detailed GREEN audit of their complex to identify potential for Green Initiatives taken in their complex to optimize environmental upgradation.

Environmental improvements by following green initiatives have gained utmost importance today for education institutions as environmental conditions are deteriorating day by day & therefore efficient GREEN management is the need of the hour. Apart from energy savings, Green Initiative effort leads to reduction in Greenhouse gas emissions which improves our environment to protect our planet earth from drastic climate changes & overall natural disturbance. We really appreciate the mission & vision of Shri Apurva Hiray & his team to acknowledge the importance of energy & environment upgrades for sustainable development for present & future generation.

National Assessment & Accreditation Council (NAAC) has also emphasized energy conservation & environment protection for educational institutions by providing an adequate platform for accreditation & Rating to encourage them for special efforts for these noble causes. Needless to say, our present & future generation can survive only if sufficient weightage & importance is given from our end to upgrade our present systems more in line with Nature & natural processes.

We are also grateful to Shri Kiran Deore, Maintenance In-Charge for necessary tech. inputs & proper co-operation provided for audit. Without his Initiative & urgency, this audit could not be successful & transparent for a healthy reference. It may be noted that our audit is not faultfinding exercise but is intended to bring about continual improvements in your college campus for the benefits of all of us incl. our future generation.

Our Sincere thanks to KBH College Team who provided us with adequate data & tech. information to make this audit successful.



EXECUTIVE SUMMARY.

The future of humankind depends very much on our ability to change our lifestyles and agree to follow a low consumption pattern of living in terms of resources taken from the globe and return to a sustainable development path at the earliest. The opportunity window for restoring nature to its prolonged state of hosting life forms to flourish under its caring environs is according to scientists, very short and lasting only up to 2030. Within this time, with the willing actions of every citizen wherever they are, coordinated and directed actions should start and continue thereafter till a balancing stage is reached where moderate use of resources and mitigation actions for healing the hurts already inflicted, balance positively to a sustainable nature.

Eco campus is a concept implemented in many educational institutions, all over the world to make them sustainable because of their mass resource utilization and waste discharge in to the environment. MSG College believes that there is an urgent need to address these fundamental environmental problems and reverse the trends. The purpose of the audit was to ensure that the practices followed in the campus are in accordance with the Green Policy adopted by the institution.

Green Auditing of a Higher Education Institution is required as a part of Criterion VII (of the 7 criteria prescribed) under the Guidelines for Submission of the mandatory annual Internal Quality Assurance Report (IQAR) by Accredited Institutions. It works on the several facets of Green Campus including Water Conservation, Tree Plantation, Waste Management, Paperless Work, and Alternative Energy. With this in mind, the specific objectives of the audit was to evaluate the adequacy of the management control framework of environment sustainability as well as the degree to which the Departments are in compliance with the applicable regulations, policies and standards.

Initially a questionnaire survey was conducted to know about the existing resources of the campus and resource consumption pattern of the students and staff in the college. In order to assess the quality of water and soil, water and soil samples were collected from different locations of the college campus and analysed for its parameters. Collected data was grouped, tabulated and analysed. Finally a report pertaining environmental management plan with strength, weakness and suggestion on the environmental issue of campus is documented.



INTRODUCTION.

Environmental audit or Green audit reflects evaluations that help us to identify environmental compliance and management system, implementation gaps, along with related corrective actions. Green audit is a useful tool to determine how and where the most energy or water resources are being used, the type and volume of waste generated and can then considerations be given on how to implement changes and make savings. It can create health consciousness and promote environmental awareness, values and ethics. Overall, it plays a vital role in imparting a better understanding of Green impact on campus to staff and students.

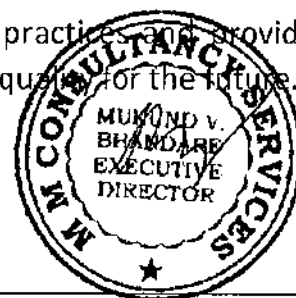
Need for green audit

As environmental sustainability is becoming an increasingly important issue for the nation, the role of higher educational institutions in relation to environmental sustainability is more prevalent. In this context, it becomes imperative to adopt the system of the Green Campus for the Institutes which will lead to sustainable development. Besides, it also reduces a sizable amount of atmospheric carbon dioxide from the environment.

Green Audit is assigned to the Criteria 7 of NAAC, National Assessment and Accreditation Council which is a self-governing organization of India that accredits the institution according to the scores assigned at the time of accreditation. NAAC has made it mandatory that all Higher Educational Institutions should submit an annual Green Audit Report. Moreover, it is part of Social Responsibility of the Higher Educational Institutions to ensure that they contribute towards the reduction of global warming through Carbon Footprint reduction measures.

Objectives of the audit.

- * Understanding the current practices of sustainability with regard to the use of water and energy, generation of wastes, transportation, purchase of goods, etc;
- * Establishing a baseline of existing environmental conditions with focus on natural and physical environment;
- * Creating awareness among students and staff concerning real issues of environment and its sustainability;
- * To create a report that document baseline data of good practices and provide strategies and action plans towards improving environmental quality for the future.



PROFILE OF KBH COLLEGE.

Karmaveer Bhausaheb Hiray Dental College and Hospital is a premier dental college in Maharashtra under the aegis of Mahatma Gandhi Vidyamandir trust. Established in 1991, it has the distinction of being the first self-financed unaided Dental college of Maharashtra, with great vision to provide quality dental education to students with state-of-the-art infrastructure. This institution has reached magnificent heights under the leadership of Hon. General Secretary Dr. Prashant V. Hiray and Hon. Coordinator, Dr. Aapoorva Prashant Hiray.

Our Institution is the proud recipient of the "Most Reputed Private Dental College in Maharashtra" award by TIME CYBER MEDIA. KBH Dental College and Hospital offers Bachelor of Dental Surgery course with an intake of 100 students. The college offers 29 seats in 7 specialties to pursue postgraduate Master of Dental Surgery course. It also serves as a research centre for PhD courses.

Karmaveer Bhausaheb Hiray Dental College and Hospital has the rare distinction of being one of the few dental institutes in Maharashtra to have a wide repertoire of modern equipment like Cone Beam Computed Tomography, operating microscope, soft tissue lasers and penta head multi viewing microscope. Our institution boasts of a library with an exhaustive compilation of books and international, national journals and a digital library.

KBH Dental College has played a cascading role in the successful career of innumerable students. The institution believes in holistic development of students. Our institution has numerous achievements with our eminent faculty members, undergraduate and postgraduate students excelling at the national stage in scientific deliberations. Our experienced teaching faculty has numerous National and International publications to their credit. Numerous research projects are underway in various departments. Our alumnus comprises of reputed practitioners and excellent academicians who have made us proud with their success in India and other countries across the globe.

In the last 29 years, the institution is providing access to dental treatment to the lower strata of the society by ensuring free dental treatment to patients below the poverty line. Over a lakh needy patients are treated each year. Nearly 300 dental check-up and treatment camps are conducted at schools and in remote areas where dental treatment facilities are unavailable. An air-conditioned mobile dental van caters to the rural population. Our institution has set up



two satellite centres, to improve the reach of dental treatment to the residents of Nashik District.

Raj Rajeshwari Dental College and Hospital, located in Umarda, Udaipur is the latest addition to Mahatma Gandhi Vidyamandir Trust. Set in a serene five acre campus, at the periphery of Udaipur, this educational institute provides undergraduate BDS course. Nearly 150 patients are provided free dental treatment on a daily basis. There are excellent facilities for teaching and learning with spacious lecture halls integrated Smart Class facilities and preclinical laboratories. An auditorium with 500 capacity provides ample opportunities for the conduct of continuing dental education programmes. Dental camps are frequently organized in schools, colleges and rural areas in Nashik district with the motto of creating dental awareness and providing treatment at their door step. Nearly 30 villages are visited by our committed staff and students with the intent of screening and treating dental diseases. A well-equipped air-conditioned mobile dental van allows for examining and treating patients during these dental camps.

College Profile

Spread over five acres of land with a built up area of 1,67,500 square feet over six floors, this college provides quality dental education to students. Set over two separate wings housing the clinical and para-clinical departments, the institute provides treatment to over 600 patients a day

Our campus is a collation of well-equipped dental clinics, smart lecture halls, auditorium and laboratories. Our library with a comprehensive collection of books and national and international journals is an asset to the students.

Internet enabled computers allow the access of the digital library facility which provides extensive online and offline databases for students. It has separate reading rooms for Staff and Students.

The campus also houses well-furnished separate girls' and boys' hostels and cafeterias serving sumptuous food. The large expanse of the playground is a sight to behold and provides for recreation and sports

Armed with the most experienced and dedicated teaching faculty committed to guide the students in theory to develop strong practical skills necessary to treat patients, our institution has been a hallmark of excellence over the last two decades.



Our alumnus comprises of reputed practitioners and excellent academicians who have made us proud with their success.

Salient Features

- The rare distinction of being one of the few dental institutes in Maharashtra to have a wide repertoire of modern equipment like Cone Beam Computed Tomography, operating microscope, soft tissue lasers and penta head multi viewing microscope.
- KBHDC trains postgraduate students in dental implants and the latest dental treatment options.
- Our experienced teaching faculty has numerous national and international publications to their credit.
- Numerous research projects are underway in various departments.
- Our institution has set up two satellite centres to improve the reach of dental treatment to the residents of Nashik District.
- Air-conditioned Mobile dental van housing two electrically operated dental chairs for screening and dental treatment in rural areas.

Achievement

- Miss Shalmali Gagare contested at the International Chess Competetion.

Dental Innovations

- Dr Sameer Jain developed a unique root canal obturating device and was listed among innovators under 35 in MIT Technology Review.
- Dr Amey Patil won the first prize at the international stage for inventing the Pico hydroelectric toothbrush.
- Dr Amol Jadhav is credited with the invention of Potentio Kinetiko Oscillating toothbrush.



METHODOLOGY.

In order to perform green audit, the methodology that included different tools such as preparation of questionnaire, physical inspection of the campus, observation and review of the documentation, interviewing key persons and data analysis, measurements and recommendations was adapted.

Onsite Visit.

Field visit was conducted by the Green Audit Team. The key focus of the visit was on assessing the status of the green cover of the Institution, their waste management practices and energy conservation strategies etc.

Focus Group Discussion.

The Focus Group discussions were held with staff members and the management focusing various aspects of Green Audit. The discussion was focused on identifying the attitudes and awareness towards environmental issues at the institutional and local level.

Energy and waste management.

With the help of Teaching, Non- teaching staff, students, Administrative officer, Building Management Engineer and electrical Supervisor, the audit team has assessed the energy consumption pattern and waste generation, disposal and treatment facilities of the college. The monitoring was conducted with a detailed questionnaire survey method.

The study covered the following areas to summarize the present status of environment management in the campus:

- * Water management
- Energy Conservation
- Waste management
- E-waste management
- Green area management
- Environmental Monitoring.



OBSERVATIONS & RECOMMENDATIONS.

1. WATER MANAGEMENT.

The study observed that the main source of water for the Institute is received from Municipal Corporation. Water for potable purpose is received from Municipal corporation in a 45 KL underground tank on ground floor. Water is used for drinking purpose, toilets and gardening. The waste water from the RO water purifier is used for gardening purpose. During the survey, no loss of water is observed, neither by any leakages, or by over flow of water from overhead tanks. The data collected from all the departments is examined and verified. On an average the total use of water in the college is 20000L/day, which include 5500 L/day for domestic, 6000 L/day for gardening & Lab purposes and 8500 L/day for drinking purpose.

Sewage Treatment Plant of 50000 Lit/Day capacity is already operating round the clock to recycle & reuse waste water & is maintained well by the campus. Recovered water is used for Gardening.

There is a good potential for rain water harvesting from the terrace of old as well as new building & campus management is very keen to commission this project soon.

Pipes carrying harvested rainy water from building terrace & Roofs have to be provided around the building connected to common pipe leading to well by underground route.

Harvested rain water can be used for recharge of well & also for Gardening. Recharging of well in the premises helps to improve the yield of existing borewells particularly in summer season & assists college management to save on additional bills on outside water tankers in dry season.

Recommendations—

- It is however recommended to further make use of terrace space of other buildings available to optimize rain water harvesting. As rain water is purest form of water, it could be conserved in large storage tanks for efficient use in summer season.
- Quality analysis of RO outlet water used for drinking purpose is available & within permissible limits as verified.
- There should be a suitable frequency to clean the underground water storage tanks preferably every six months.



- Harvested rainy water should be measured by installing a suitable water meter on main piping discharging to well. Monitoring of harvested rain water on daily/weekly basis can provide adequate data for future planning.

2. ENERGY MANAGEMENT.

This indicator addresses energy consumption, energy sources, energy monitoring, lighting, appliance, natural gas and vehicles. Energy use is clearly an important aspect of campus sustainability and thus requires no explanation for its inclusion in the assessment. The study carried out also analysed the use of alternate energy resources that are eco-friendly.

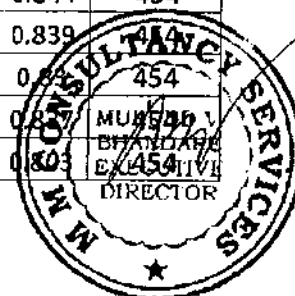
The energy is utilized in the Campus for lighting, space heating and cooling, running of laboratory instruments, appliances, water heating, ground water pumping, cooking and transportation. The source of energy for all the buildings within the campus is through electricity only.

The institution consumes about 25000 Units per Month as indicated in the following Table. There is no solar power plant installed in the campus to promote green power generation. The campus contains Lights and fans in use. Average cost of power purchased from MSEDCL is estimated @ Rs.16.81 per KWH.

The entire campus including common facility centres are to be equipped with LED lamps and LED tube lights, except at few locations. Computers are set to automatic power saving mode when not in use. Also, campus administration runs on switch-off drill on regular basis. Noteworthy observation in the campus during our audit is provision of 35 % LED Lights in the campus which needs to be raised to 90 %.

Electricity Bill Analysis

| Months | Units | Amount | Unit Rate | AD-KVA | BD-KVA | Diff. KVA | Addl.DC Paid | PF | Demand Charges |
|--------|-------|--------|-----------|--------|--------|-----------|--------------|-------|----------------|
| May-23 | 24283 | 401608 | 16.54 | 116 | 126 | 10 | 4990 | 0.863 | 499 |
| Apr-23 | 23167 | 389436 | 16.81 | 120 | 126 | 6 | 2994 | 0.865 | 499 |
| Mar-23 | 21903 | 366608 | 16.74 | 94 | 117 | 23 | 10442 | 0.844 | 454 |
| Feb-23 | 19184 | 328556 | 17.13 | 80 | 117 | 37 | 16798 | 0.839 | 454 |
| Jan-23 | 21262 | 356528 | 16.77 | 82 | 117 | 35 | 15890 | 0.854 | 454 |
| Dec-22 | 20735 | 349970 | 16.88 | 79 | 117 | 38 | 17252 | 0.857 | 454 |
| Nov-22 | 18270 | 315909 | 17.29 | 71 | 117 | 46 | 20884 | 0.803 | 454 |



| | | | | | | | | | |
|--|--------|---------|-------|-----|-----|----|--------|-------|--------|
| Oct-22 | 19021 | 325727 | 17.12 | 100 | 117 | 17 | 7718 | 0.787 | 454 |
| Sep-22 | 22815 | 378558 | 16.59 | 102 | 117 | 15 | 6810 | 0.841 | 454 |
| Aug-22 | 21612 | 361990 | 16.75 | 102 | 117 | 15 | 6810 | 0.791 | 454 |
| Jul-22 | 22642 | 377539 | 16.67 | 93 | 117 | 24 | 10896 | 0.892 | 454 |
| Jun-23 | 24899 | 413861 | 16.62 | 123 | 117 | -6 | -2724 | 0.927 | 454 |
| TOTAL | 259793 | 4366290 | 16.81 | | | | 118760 | Rs. | |
| Additional Demand Charges paid during the year due to higher contract demand | | | | | | | | Rs. | 118760 |
| | | | | | | | | | |

Energy Rating

After the complete survey and analysis of the campus as per ISO 50001:2018 Energy Management System Standards, we rate the campus Score 3/5.

RECOMMENDATIONS.

- 200 Kw solar power plant is recommended for the campus to generate green energy & reduce present electricity bill to bare minimum. Campus management have already planned this project.
- All present lighting to be replaced with LED to conserve energy & CO2 emission.
- Compressed air leaks should be fixed on priority.
- Present Transformer & LT Breaker location to be cleaned & fenced for restricted entry. Further present energy inefficient 315 KVA Transformer to be replaced with new Transformer to minimize Losses.

WASTE MANAGEMENT.

This indicator addresses waste production and disposal of different wastes like paper, food, plastic, biodegradable, construction, glass, dust etc. Furthermore, solid waste often includes wasted material resources that could otherwise be channelled into better service through recycling, repair, and reuse. Solid waste generation and management is a burning issue. Unscientific handling of solid waste can create threats



to everyone. The survey focused on volume, type and current management practice of solid waste generated in the campus.

Liquid Waste Management-

Water conservation is a key activity as water availability affects on the development of the campus as well as on all area of development such as farming, industries, etc. Keeping this view water conservation activity is carried out.

The waste water generated is recycled & reused for gardening through 50000 Lit per day Sewage Treatment Plant which operates on round the clock basis. The source of wastewater is Domestic Waste Water i.e., Sewage water, Lab water & chemical wastes. The Sewage water mainly comes from Toilets of college, hostel, kitchen and canteen.

RECOMMENDATIONS-

- A Suitable Sewage Treatment Plant (SWP) is already in use to treat sewage water for recycling & reuse purpose. Treated water is used for Gardening. As water scarcity is becoming serious issue day by day, recycle & reuse of waste water is highly appreciated.
- Sludge generated from SWP can be effectively used to produce manure which can be utilized for various plants in the Campus.

Solid Waste Management-

Waste generated from tree droppings and lawn management are major solid wastes generated in the campus. Separate dustbins are provided for Bio-degradable and Plastic waste in order to segregate them at the source itself.

Single sided used papers are reused for writing and printing in all the departments to minimize the usage of papers. Important and confidential reports/ papers are sent for pulping and recycling after completion of their preservation period. Very less plastic waste (0.1Kg/day) is generated by some departments, office, garden etc and campus is declared as Plastic Free zone. Metal waste and wooden waste is stored and sent to authorize scrap agents for further processing. Glass bottles are reused in the laboratories. Medical wastes are disposed off through a special carrier provided by municipal corporation on weekly basis.



The college has separate bins to collect biodegradable and non-biodegradable waste generated in the campus. Regular meetings are conducted with ground staff regarding the cleanliness of the campus and proper disposal of waste.

Vermicompost is the product of earthworm digestion and aerobic decomposition using the activities of micro- and macro organisms at room temperature. Vermicomposting, or worm composting, produces a rich organic soil amendment containing a diversity of plant nutrients and beneficial microorganisms.

Vermicomposting is a kind of composting, certain species of earthworms are employed to make compost. It is basically a mesophilic process that employs microbes and earthworms. The earthworms feed on organic waste material and excreted them out in a granular form (cocoons).

Campus have to initiate & execute Vermicomposting project in the cool zone to dispose off collected solid wastes on regular basis & thereby generating a compost which is used exclusively in Campus Garden.

RECOMMENDATIONS.

Vermicomposting Project is recommended to be installed to dispose off huge solid wastes being generated in the Campus. It is therefore recommended to install high capacity disposal systems in a cool location. Apart from efficient disposal of solid wastes, the process can generate a good quality manure which can be sold in market if exceeded the campus demands.

- Regular cleaning & collection of solid wastes is recommended to avoid huge spread all over spoiling the beauty of Campus. Housekeeping efforts need to be increased to maintain the site clean & waste free.

E-Waste Management-

E-waste is a consumer and business electronic equipment that is near or at the end of its useful life. This waste makes up about 5% of all municipal solid waste worldwide. It is hazardous than other waste because electronic components contain cadmium, lead, mercury, and Polychlorinated biphenyls (PCBs) that can damage human health and the environment.

E-waste generated in the campus is of minimal quantity. It is being effectively managed, keeping in mind the environmental hazards that may arise if not disposed properly.

The cartridges of laser printers are refilled outside the college campus. Awareness programme was conducted by college regarding E-waste Management. The E-wastes and defective items from computer laboratories are being stored properly and recycled in effective Manner.



The dismantled hardware of personal computers are used in PC trouble shooting lab. The dismantled electronic spare parts are immediately sold for reuse. The minimal amount of e- waste that is generated is taken by external vendor with Proper MOU.

The Campus at present works on 70 % paperless functioning. Only critical circulars & Displays are printed out where necessary. 30 % Paperwastes are disposed off through Municipal take away system.

RECOMMENDATIONS.

- A wastewater treatment plant is already installed to recycle and reuse the waste water generated from domestic use.
- Use reusable resources and containers and avoid unnecessary packaging wherever possible.
- The management should take an initiative to purchase recycled resources when they are available.

GREEN AREA MANAGEMENT.

This includes the plants, greenery and sustainability of the campus to ensure that the buildings conform to green standards. This also helps in ensuring that the Environmental Policy enacted, enforced and reviewed using various environmental awareness programmes.

Many trees are maintained in the campus (around 102 species) to maintain the bio diversity. Various tree plantation programmes are being organized at college campus through NSS (National Service Scheme) unit and Management. This program helps in encouraging eco- friendly environment which provides pure oxygen within the institute and creates awareness among campus students. The plantation program includes various types of indigenous species of ornamental and medicinal wild plant species.

Botanical Garden should be developed in the premises with a Barcode system provided for each of Trees planted. In spite of existing space restriction, the garden can be developed further as lush Green & needs further housekeeping. There is further scope for plantation in the backside ground area. More Tree plantation is highly recommended to enhance Green beauty of the Campus.

Roads-

Roads in college are laid with provision for rainwater to seep through easily. This enables the easy recharge of ground water. However, roads are not suitable for pedestrians which should be noted & corrective steps to be taken.



Plastic free campus

The usage of plastic in college is minimal. The staff and the students are not encouraged to use plastic, plastic bags and disposable plastic things throughout the campus.

E – communication.

The Main office, all the Departments of the college, Examination cell, and laboratories are very well connected with a good and efficient LAN network. Hence all the inter office correspondence is done through email. This reduces the usage of papers. Present paper usage is 60% which should be reduced to 30.% in future.

RECOMMENDATIONS.

- Review periodically the list of trees planted in the garden, allot numbers to the trees and keep records.
- ➤ Establish a College Environmental Committee that will hold responsibility for the enactment, enforcement and review of the Environmental Policy.
- ➤ Environmental Committee shall be the source of advice and guidance to staff and students on how to implement this Policy.
- ➤ Ensure that an audit is conducted annually and action is taken on the basis of audit report, recommendation and findings.
- ➤ Indoor plantation to inculcate interest in students, Bonsai can be planted in corridor to bond a relation with nature. Environmental monitor to be installed.
- Use of Bicycles & Battery- operated vehicles is recommended in the Campus to eliminate Green gas emissions to improve the environment.
- Housekeeping inside & outside needs improvement. Also Toilet/Urinals cleaning should on regular basis to avoid unhygienic situation
- Canteen RO Unit should be repaired on priority.

ENVIRONMENTAL MONITORING.

As part of green audit of campus, the Green Audit Assessment Team has carried out the environmental monitoring of campus. This includes Illumination, Noise level, ventilation and indoor air quality of the class rooms. It was observed that illumination and ventilation is adequate considering natural light and air velocity present. Noise level in the campus is well below the limit.

Campus has maintained pollution free environment with good use of available resources.



CONCLUSION.

Though the institution is predominantly a Dental college & Hospital, there is significant environmental research both by faculty and students. The environmental awareness initiatives taken by the management are substantial. The installation of sewage treatment Plant, to recycle & reuse domestic waste water is highly appreciated. Usage of Tree plantation through a gift on Birth Day celebration & Bar Coding for each tree in Botanical Garden practices are advised to make Campus more beautiful & Green. Besides, environmental awareness programmes initiated by the administration proves that the campus is going green. The Herbal garden maintained by the College is highly appreciable. Few recommendations are added for waste management and waste reduction using alternate eco-friendly and scientific techniques. This may lead to the prosperous future in context of Green Campus and thus aid in a sustainable environment and community development

Vermicomposting sites for solid waste treatment are to be implemented & should be expanded in capacity to take care of total solid waste generated in the Campus.

There is a vast scope to install a 200 Kw solar power plant for generation of Green energy as adequate roof top area is available in the campus. Optimizing use of renewable energy is the first step taken to reduce greenhouse emission contributing a lot in Green Development.

Temperature/Humidity Display at the helm of the main building is recommended & praiseworthy feature indicating a totally dedicated Team for taking greenhouse project on management priority. This should be installed.

Students have been assigned responsibility for keeping the campus clean & it was a pleasure to note that students are equally cautious & interested in a noble cause of waste management.

Solar Street Lights to be effectively installed to beautify the campus in the evening & all credit should go to staff & Management for this wonderful scheme.

Last but not the least, Green awareness in the campus is of very high order & Team work is really appreciated. Lot of work has been done with initiative & awareness to keep College Campus Clean & Green & adequate maintenance is provided to sustain the efforts already taken.


Good Luck.

M M Consultancy Services Team



ANNEXURE I

LIST OF TREES PLANTED IN THE CAMPUS.



महात्मा गांधी विद्यामंदिर संचालित
कर्मवीर भाऊसाहेब हिरे दंत महाविद्यालय आणि रुग्णालय
मुंबई आग्रा रोड, पंचवटी, नासिक ४२२००३
फोन नं. ०२५३ - २६२८१७८

दिनांक - १०/०७/२०२३

एमजीसी केबीएच दंत महाविद्यालय व रुग्णालय परिसरात अद्यतेच्या झाडांची यादी २०२३-२४
मोठी झाडे

| अ.क्र. | झाडाचे नाव | झाडांची संख्या |
|--------|-------------|----------------|
| १ | गुलमोहोर | ३५ नग |
| २ | कडुनिंब | ०५ नग |
| ३ | सिल्वर ओक | ०६ नग |
| ४ | वड | ०१ नग |
| ५ | पिंपळ | ०२ नग |
| ६ | जाम्बूळ | ०२ नग |
| ७ | बांबू | २० नग |
| ८ | काटेरी चिंच | ०८ नग |
| ९ | निलगिरी | ०२ नग |
| १० | जंवर | ०१ नग |

लहान झाडे

| अ.क्र. | झाडाचे नाव | झाडांची संख्या |
|--------|------------|----------------|
| १ | पिंपळ | ०७ नग |
| २ | वड | ०७ नग |
| ३ | बेल | ०९ नग |
| ४ | जातंद | ०३ नग |
| ५ | शतावरी | ०२ नग |
| ६ | अस्मानतारा | ०२ नग |
| ७ | तुळस | ०२ नग |
| ८ | कृष्ण तुळस | ०२ नग |
| ९ | अडुळसा | ०२ नग |
| १० | कोरफड | ०२ नग |
| ११ | आंबा | ०२ नग |
| १२ | मारळ | ०१ नग |

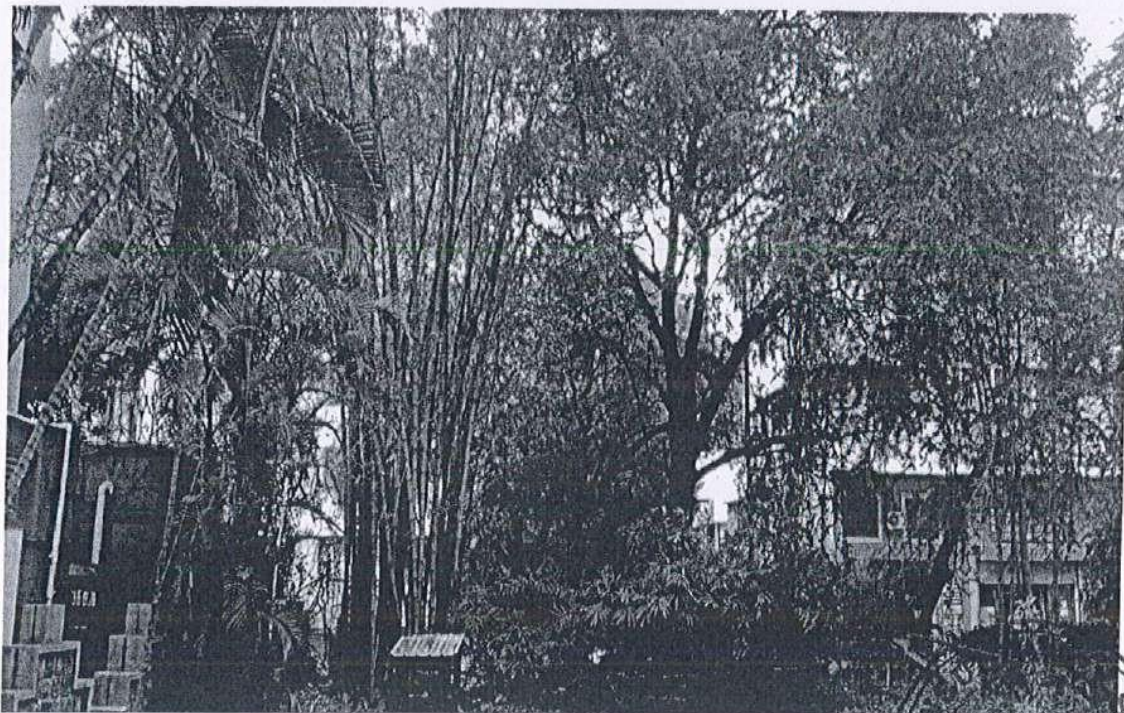
Ms/Annexure 23-24



PHOTO GALLERY.



LUSH GREEN CAMPUS

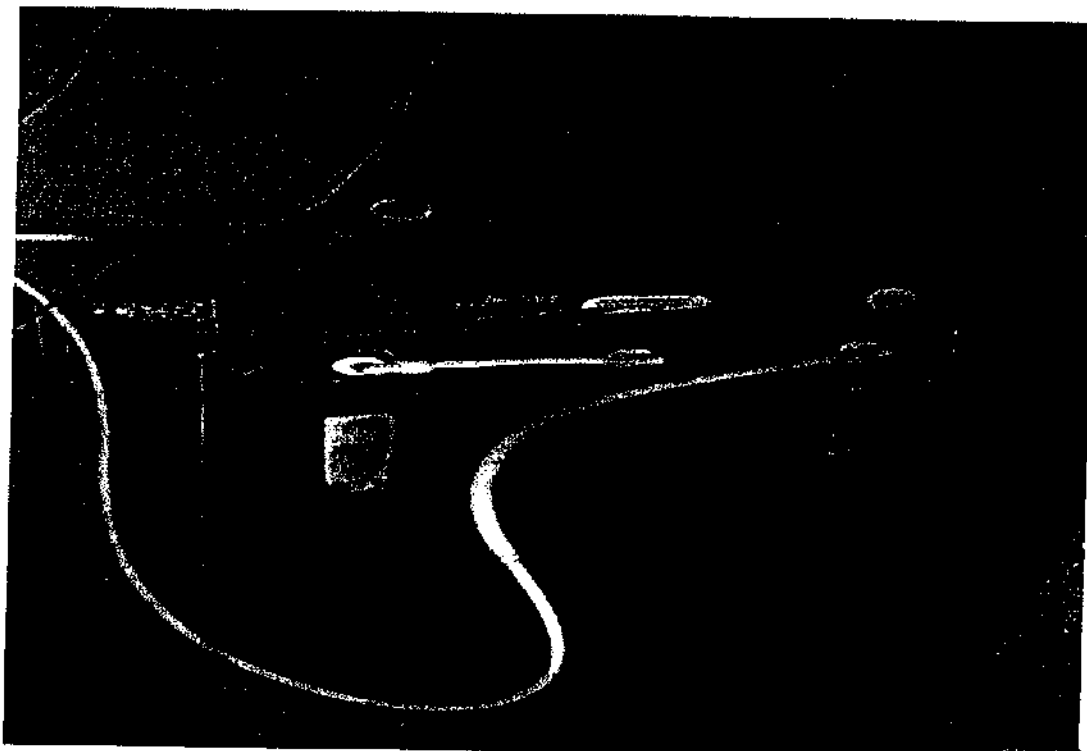


GARDEN





SEWAGE TREATMENT PLANT



RO UNIT FR DRINKING WATER

