



Maratha Mandal's

Nathajirao G Halgekar Institute of Dental Sciences & Research Centre,
R S No. 47A/2, Near KSRP Ground, Bauxite Road, Belagavi – 590 010
Karnataka, India

Phone: 0831-2477682 Fax: 0831-2479323

Email: mmnghids@gmail.com Website: www.mmdc.edu.in

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7.1.4

Sl.No	Description
1	Solid waste management (Biogas- Kitchen waste management)
2	Sewage treatment plant- Liquid waste management
3	Biomedical waste management agreement and certificate
4	e-waste agreement and certificate
5	Registration with KPME Authority
6	Geotagged photographs of the facilities


Dr. Ramakant Nayak
Principal

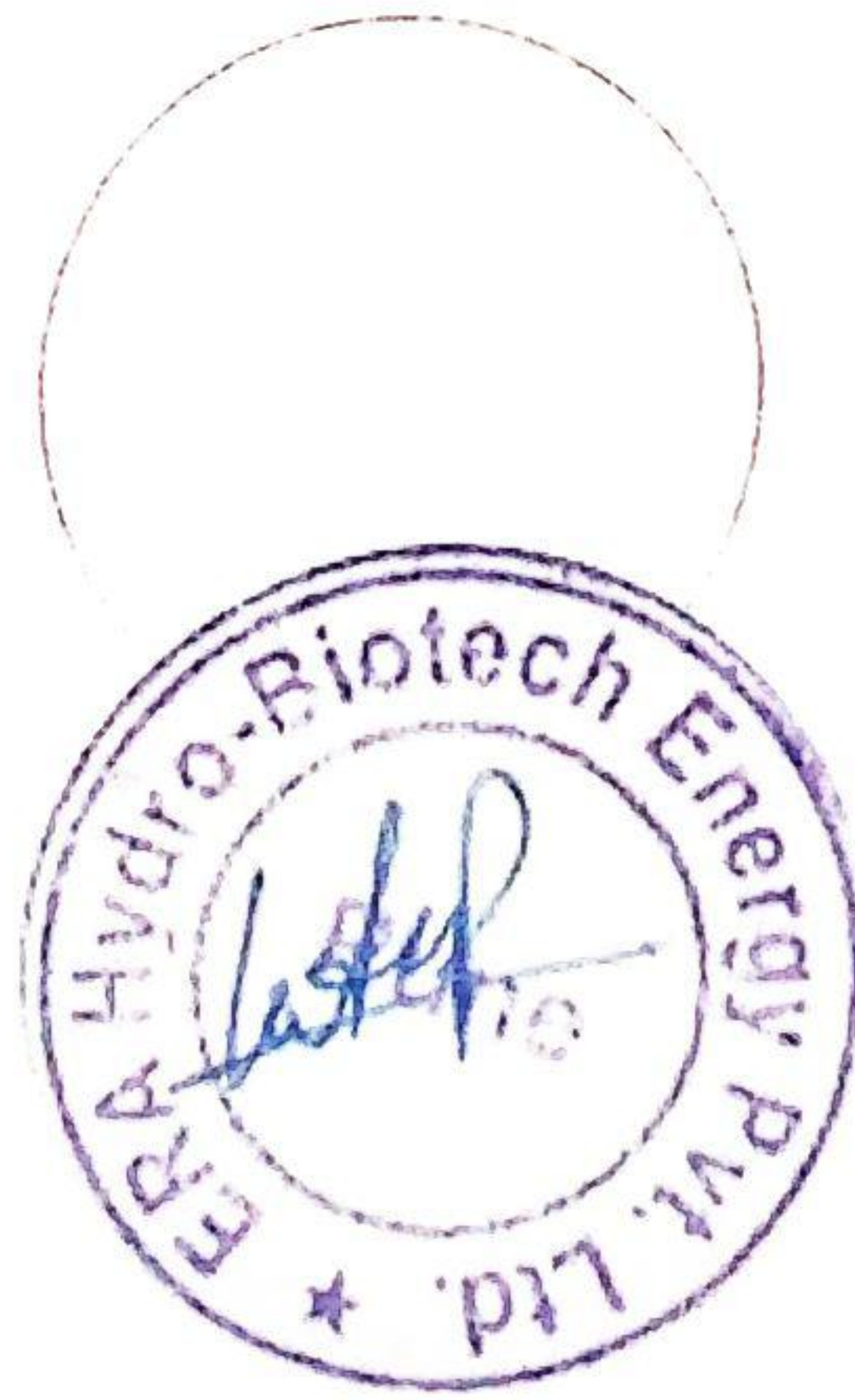
M.M's. N.G. Halgekar Institute of Dental Sciences
& Research Centre, Belagavi-590010.

PROJECT NO:- PJ2209009	PLANT INSTALLATION CERTIFICATE FOR 10 KG BIOGAS SYSTEM	Date:- 18/11/2022
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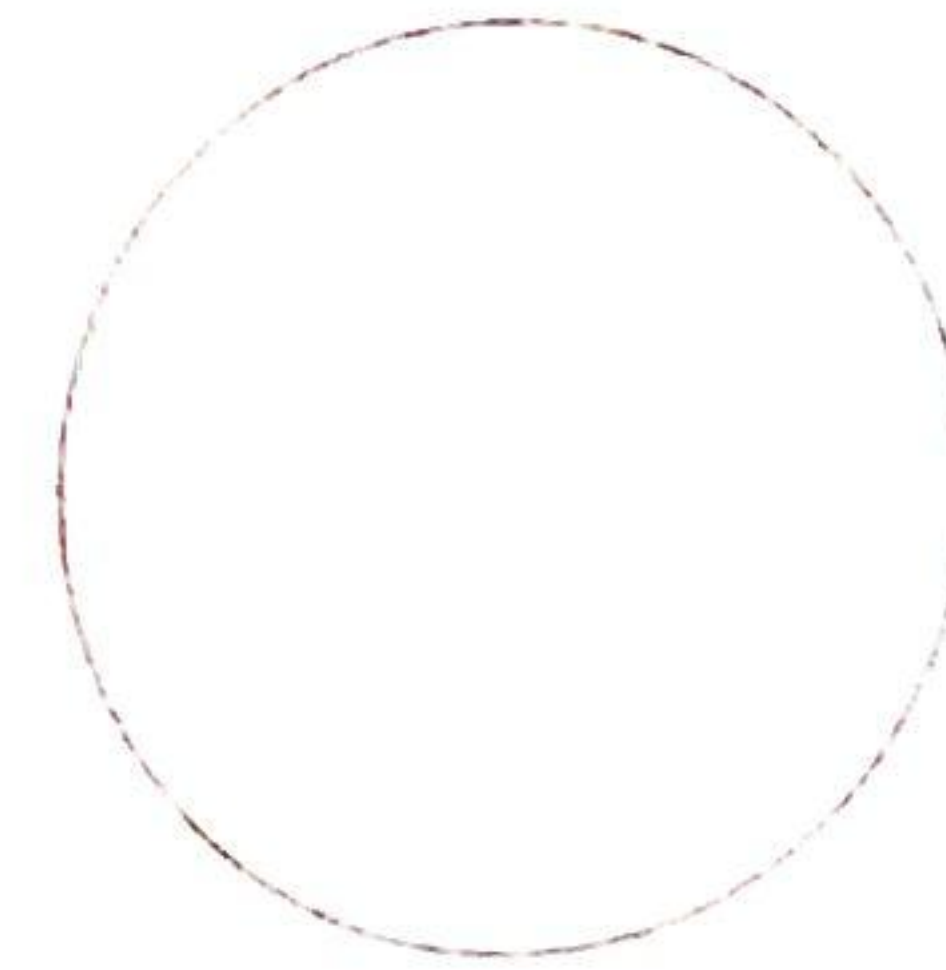
PROJECT: 10 KG BIOGAS SYSTEM
CLIENT : M/S MARATHA MANDAL'S
W.O. NUMBER : 2022-23/887

ERA HYDRO-BIOTECH ENERGY PVT LTD. HEREBY GIVE THE FORMAL INSTALLATION COMPLETION OF SCOPE AS PER ABOVE MENTION PURCHASE ORDER OF KG BIOGAS PLANT.

NOW WITH THIS OWNERSHIP OF THE PLANT IS TRANSFERRED TO THE CLIENT FROM ERA HYDRO-BIOTECH ENERGY PVT LTD. AND PLANT ENTERS INTO THE AGREED ONE (1) YEAR WARANTEE PERIOD OF SUPPLY MATERIAL.



ERA - HYDRO BIOTECH ENERGY PVT LTD
COMPANY STAMP



Dr. Ramakant Nayak
Principal
M's. N.G. Halgekar Institute of Dental Sciences
& Research Centre, Belagavi-590010.

M/S MARATHA MANDAL'S
COMPANY STAMP

	NOTED BY ERA- HYDRO-BIOTECH ENERGY PVT LTD.	APPROVED BY M/S MARATHA MANDAL'S
NAME	VASIM KHAN	
SIGNATURE	<u>Vasim</u>	
DATE	18/11/2022	

**SEWAGE TREATMENT PLANT
CAPACITY – 50 M³/DAY**

AT

**MARATHA MANDAL'S, NATHAJIRAO G. HALGEKAR INSTITUTE
OF DENTAL SCIENCES & RESEARCH CENTRE, BAUXITE ROAD,
BELGAVI.**

BY

**DECCAN ENVIRONMENTAL CONSULTANTS PVT. LTD.
5, PRASAD APARTMENT,
43/14, ERANDWANA, NAL STOP,
PUNE – 411 004
PHONE: 020 – 2545 3174 / 2543 3174,
E-MAIL: deccanenviro@gmail.com**



DECCAN ENVIRONMENTAL CONSULTANTS PVT. LTD.

AN ISO 9001-2008 CERTIFIED COMPANY

Regd. Off. : 5, Prasad Apts, 43/14, Erandwana,
Behind Indian Overseas Bank,
Nal Stop, Pune 411 004. INDIA.
Tel. : (020) 2543 3174
: (020) 2545 3174
Email : deccanenviro@gmail.com

COMPLETION CERTIFICATE

This is to certify that **M/s. Deccan Environmental Consultants Pvt. Ltd.** has Designed, Engineered, Supplied, Erected, Commissioned and handed over the Sewage Treatment Plant of Capacity **50 m³/day** based on **Sequential Batch Reactor (SBR)** Technology at **MARATHA MANDAL'S NATHAJIRAO G. HALGEKAR INSTITUTE OF DENTAL SCIENCES & RESEARCH CENTRE**. R.S. No. 47/2, Near K.S.R.P. Ground, Bauxite Road, **BELGAVI, Karnataka - 590010** on **06.12.2021**.

The plant is in operation to treat the domestic effluent as per Standard Permissible Norms. The treated waste water is recycled suitably.

Authorized Signatory



Seal & Stamp

Dr. Ramakant Nayak
Principal

**M.M's. N.G. Halgekar Institute of Dental Sciences
& Research Centre, Belagavi-590010.**

ISO 9001 : 2008



www.deccanenviro.net

Godown :- Sr. No. 101, Ambegaon Khurd, Tal. Haveli, Dist. Pune - 411 046. INDIA

Regional Office :- 221, Jai Commercial Complex, Cadbury Chowk, Khopat, Thane (W) 400 601.
:- D-6, Pragathi Apartments, No. 19, Lock Street, Kottur, Chennai - 600 085
:- B-304, Geetanjali Apartments, 72, Vikasmarg Extn., Karkardrooma. Delhi 110 092.

Routine Test Certificate

For 3 Phase Induction Motor



Customer	AVION CORPORATION				
ORDER NO. & DATE	/				
Indent No & Date	/			Issue Date:	02/08/2021
Motor No.	2.20KEG4	Frame	GD100L	Excise No	UAGM100553
Kilo Watt	2.2	Duty	S1	Insu.Class	F
Volts	415±10%	Freq	50±5%	Eff FL	84.3 IE2
Amps / Conn	4.6 STAR	Rating	CONT		
RPM	1425	Amb	50°C	Gas Group	
Bearing DE/ODE	6206ZZ-C3/6205ZZ-C3	Mounting	B3	Enclosure	TEFC
Space Heater		Deg of protn	IP55	Type	SCR
Thermistor					

Resistance Between Terminal STATOR 5.36 Ohm at amb. 30°C

Test	Volts	Amps 1	Amps 2	Amps 3	Watts
No Load	415	2.2	2.2	2.2	193
Locked Rotor	135	8.0	8.0	8.0	781

Insulation Resistance (Before & after HV test) Above 150 Megaohm

Reduced voltage running up test at 1/√3 rated voltage OK

High Voltage Test at 2000 V for 1 min OK

Open Circuit rotor volts (For slipring motors only)

Other Details :

NL RPM 1518 50.64 Hzs

Remarks : IEC60034;IE2

Test witnessed by :

We certify this motor has been tested as per IS/IEC60034 and results found satisfactory

Certificate is electronically generated hence no signature is require

Quality Assurance

LT Motor Division

Motor is tested under controlled conditions & at no load. Test data may differ at site due to improper connection, poor power quality & if tested with coupled condition. Always read operation & maintenance manual carefully before installing the motor.



CG Power and Industrial Solutions Limited



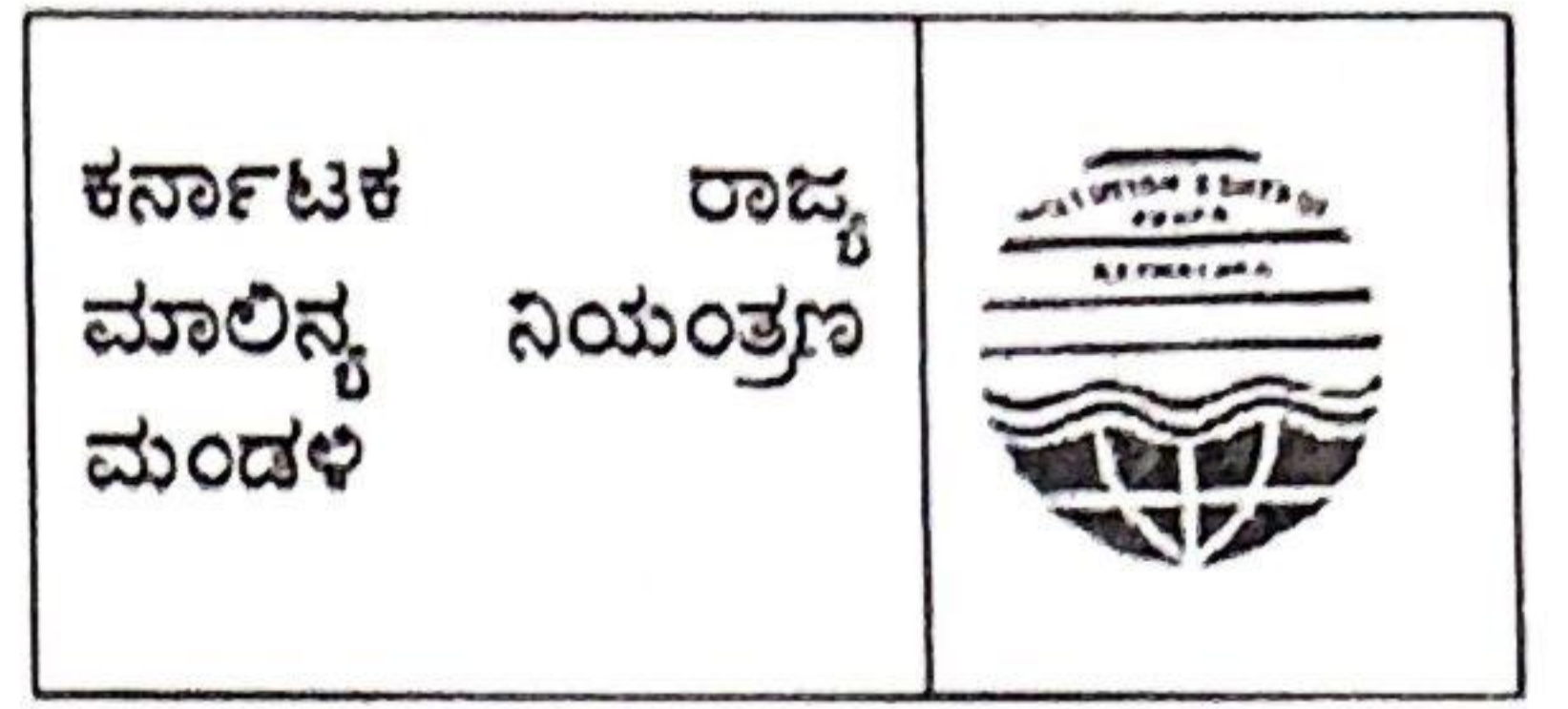
TESTED OK

www.cgglobal.com


Dr. Ramakant Nayak
Principal

M.M's. N.G. Halgekar Institute of Dental Sciences
& Research Centre, Belagavi-590010.

Regional Office, Belgaum-1
Karnataka State Pollution Control Board, ಪ್ರಾದೇಶಿಕ ಕಛೇರಿ: ಬೆಳಗಾವಿ-1
Tele fax No. 0831-2459121, ಸಂಖ್ಯೆ-1, ಮುಖ್ಯ ರಸ್ತೆ, ಆಟೋ ನಗರ
1, Main Road, Auto Nagar, ಕನಾಬರ್ಗಿ ಕೈಗಾರಿಕಾ ಪ್ರದೇಶ,
Kanabargi Industrial Area Belagavi ಬೆಳಗಾವಿ-590015



towards a cleaner Karnataka

FORM -III
(See rule 10)
AUTHORISATION

(Authorisation for operating a facility for generation, collection, reception, treatment, storage, transport and disposal of biomedical wastes)

1. File number of authorisation and date of issue NO. /KSPCB/RO (BGM-1)/AEO/BMW/ 2017/ Reg. No.137060 / UIN 0403047478/ 2134 Date : 23-10-2017
2. M/s Maratha Mandal Natajirao G Halgekar Institute of Dental Sciences & Research Centre, an occupier or operator of the facility located at President Maratha Mandal R.No. 47A/2, Bauxite Road, Near KSRP Ground, Bauxite Road, Belagavi.. is hereby granted an authorisation for;

Activity Please tick: ✓
Generation, segregation ✓
Collection ✓
Storage ✓
3. M/s Maratha Mandal Natajirao G Halgekar Institute of Dental Sciences & Research Centre, President Maratha Mandal R.No. 47A/2, Bauxite Road, Near KSRP Ground, Bauxite Road, Belagavi. is hereby authorized for handling of biomedical waste as per the capacity given below;

(i) Number of beds of HCF:20

Type of Waste Category	Quantity permitted for Handling:
Yellow	33 kg & 150 grams per month & 26000 Ltr's per month
Red	25 kg per month
White (Translucent)	02 kg per month
Blue	Nil

4. The authorisation is granted as one time authorization as per Ministry of Environment, Forests and Climate Change Notification No. GSR 343(E) (28-03-2016) Bio Medical Waste Management Rules-2016

Board Office Corrigendum No.PCB/B.M.W/2739 Dated 10-08-2016.

5. This authorisation is subject to the conditions stated below and to such other conditions as may be specified in the rules for the time being in force under the Environment (Protection) Act, 1986.

Date 23-10-2017
Place: Belagavi

M.M's.N.G. Halgekar Institute of Dental Sciences, & Research Centre, Belgaum

Inward No. 140
Date 30/10/2017

ENVIRONMENTAL OFFICER

Dr. Ramakant Nayak
Principal

M.M's. N.G. Halgekar Institute of Dental Sciences & Research Centre, Belagavi-590010.

TERMS AND CONDITIONS

1. The authorisation shall comply with the provisions of the Environment (Protection) Act, 1986 and the rules made there under.
2. The authorisation or its renewal shall be produced for inspection at the request of an officer authorised by the prescribed authority.
3. The person authorized shall not rent, lend, sell, transfer or otherwise transport the biomedical wastes without obtaining prior permission of the prescribed authority.
4. Any unauthorised change in personnel, equipment or working conditions as mentioned in the application by the person authorised shall constitute a breach of his authorisation.
5. The applicant shall take prior permission of the prescribed authority to close down the facility and such other terms and conditions may be stipulated by the prescribed authority.
6. The applicant shall take all necessary steps to ensure that bio-medical waste is handled without any adverse effect to human health and the environment and in accordance with these rules.
7. The applicant shall make a provision within the premises for a safe, ventilated and secured location for storage of segregated biomedical waste in colored bags or containers in the manner as specified in Schedule I of the Bio-Medical Waste Management Rules, 2016.
8. The applicant shall ensure that there shall be no secondary handling, pilferage of recyclables or inadvertent scattering or spillage by animals and the bio-medical waste from such place or premises shall be directly transported in the manner as prescribed in these rules to the common bio-medical waste treatment facility or for the appropriate treatment and disposal, as the case may be, in the manner as prescribed in Schedule I of the Bio-Medical Waste Management Rules, 2016.
9. The applicant shall pre-treat the laboratory waste, microbiological waste, blood samples and blood bags through disinfection or sterilisation on-site in the manner as prescribed by the World Health Organisation (WHO) or National AIDs Control Organisation (NACO) guidelines and then sent to the common bio-medical waste treatment facility for final disposal;
10. The applicant shall phase out use of chlorinated plastic bags, gloves and blood bags within two years from the date of notification of these rules;
11. The applicant shall dispose of solid waste other than bio-medical waste in accordance with the provisions of respective waste management rules made under the relevant laws and amended from time to time;
12. The applicant shall not give treated bio-medical waste with municipal solid waste.
13. The applicant shall provide training to all its health care workers and others, involved in handling of bio medical waste at the time of induction and thereafter at least once every year and the details of training programmes conducted, number of personnel trained and number of personnel not undergone any training shall be provided in the Annual Report.
14. The applicant shall immunise all its health care workers and others, involved in handling of bio-medical waste for protection against diseases including Hepatitis B and Tetanus that are likely to be transmitted by handling of bio-medical waste, in the manner as prescribed in the National Immunisation Policy or the guidelines of the Ministry of Health and Family Welfare issued from time to time.


Dr. Ramakant Nayak
Principal

M.M's. N.G. Halgekar Institute of Dental Sciences,
& Research Centre, Belagavi-590010.


ENVIRONMENTAL OFFICER

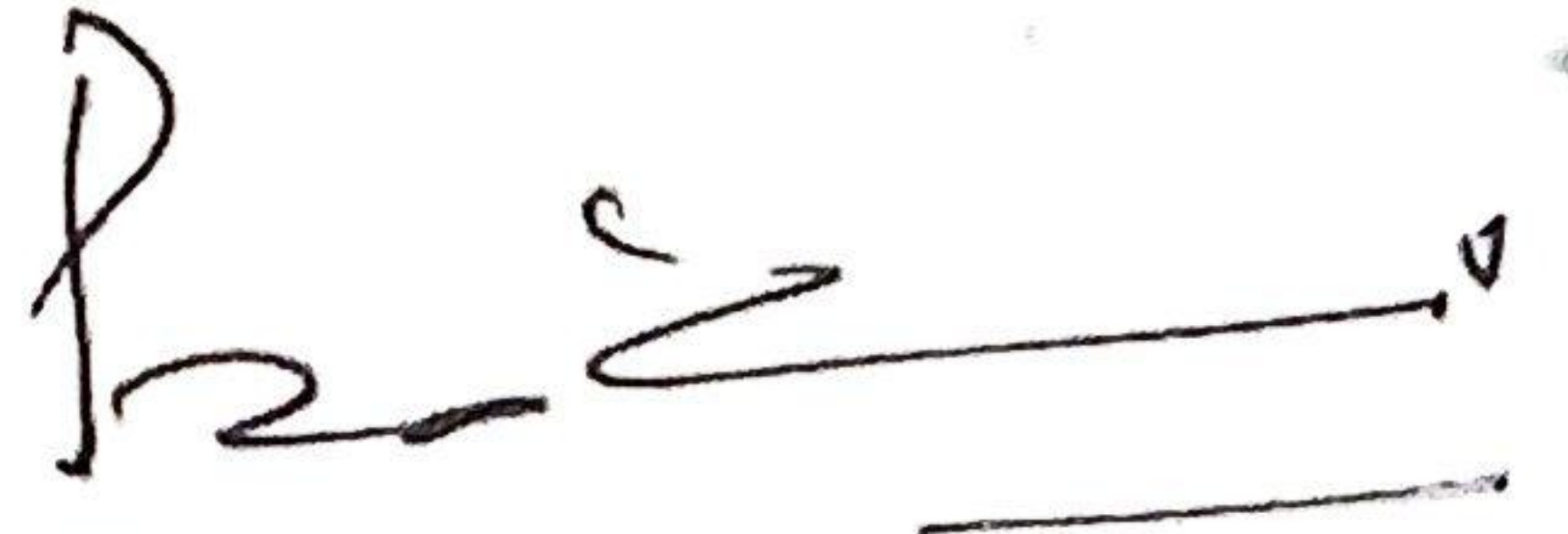
ASSOCIATION OF MEDICAL ESTABLISHMENTS, BELAGAVI

Office: IMA House, Dist. Hospital Compound, Opp. Hotel Milan, Club Road, Belagavi-590 001
Registered under Karnataka Societies Registration Act 1960 (Reg. No: BEL-S107-2008-2009)

CERTIFICATE

This is to certify that Maratha Mandal's Nathajirao G. Halgekar. President Maratha Mandal. R.S. No. 47A/2, Near K S R P Ground, Bauxite Road, Belagavi. has joined the Common Bio-Medical Treatment and Disposal Facility operated by Association of Medical Establishments, Belgaum at IMA House, District Hospital Compound, Club Road, Belgaum-590001. And the Bio-Medical Waste generated by Maratha Mandal's Nathajirao G. Halgekar. President Maratha Mandal. R.S. No. 47A/2, Near K S R P Ground, Bauxite Road, Belagavi is scientifically disposed by the Bio-Medical Waste disposal plant run and maintained by the Association of the Medical Establishments, Belgaum. This Certificate is valid From: 1/4/2017 To: 31/3/2018.




Dr. Prakash H Rao
Secretary
Association of Medical establishments
Belagavi

Place : Belagavi

Date : 11/05/2017

Note: Colour coded plastic bags with proper text matter approved by Bio-Medical Waste (Management & Handling) Rules, 1998 framed under Environment (protection) Act, 2016 shall be used. For more details visit website of KSPCB.

Issue Date :	11/05/2017
Certificate No :	AMEB/2017-18/262
Validity:	From- 1/4/2017 To - 31/3/2018
Member code :	Others
No. of Beds :	NIL

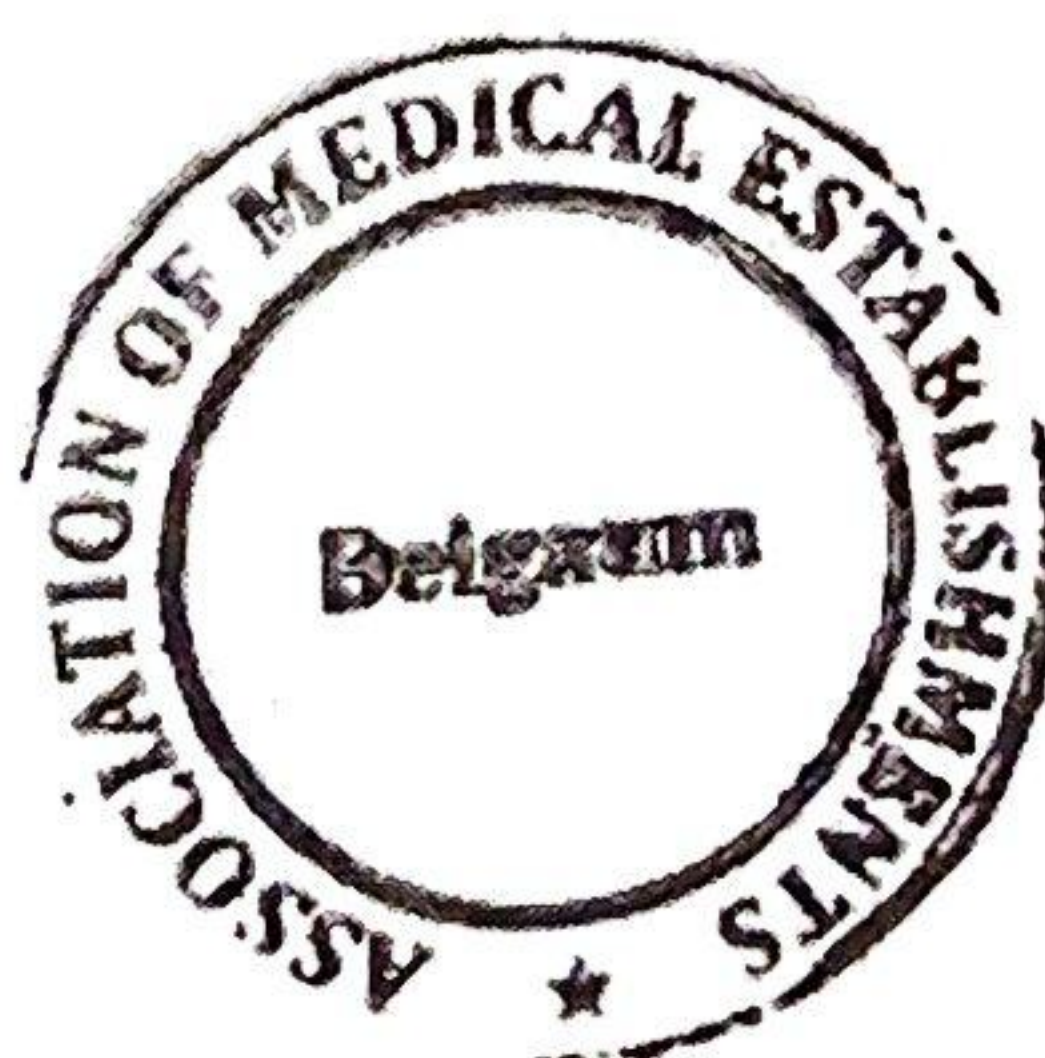

Dr. Ramakant Nayak
Principal
M.M's. N.G. Halgekar Institute of Dental Sciences
& Research Centre, Belagavi-590010,

ASSOCIATION OF MEDICAL ESTABLISHMENTS, BELAGAVI

Office: IMA House, Dist. Hospital Compound, Opp. Hotel Milan, Club Road, Belagavi-590 001
Registered under Karnataka Societies Registration Act 1960 (Reg. No: BEL-S107-2008-2009)

CERTIFICATE

This is to certify that Maratha Mandal's Nathajirao G. Halgekar President Maratha Mandal. R.S. No. 47A/2, Near K S R P Ground, Bauxite Road, Belgaum has joined the Common Bio-Medical Treatment and Disposal Facility operated by Association of Medical Establishments, Belgaum at IMA House, District Hospital Compound, Club Road, Belgaum-590001. And the Bio-Medical Waste generated that Maratha Mandal's Nathajirao G. Halgekar President Maratha Mandal. R.S. No. 47A/2, Near K S R P Ground, Bauxite Road, Belgaum is scientifically disposed by the Bio-Medical Waste disposal plant run and maintained by the Association of the Medical Establishments, Belgaum. This Certificate is valid From: 1/4/2019 To: 31/3/2020.




Dr. R. D. Patel.

President

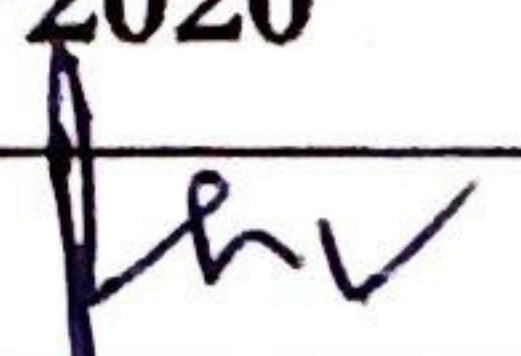
Association of Medical establishments
Belagavi

Place : Belagavi

Date : 12/04/2019

Note: Colour coded plastic bags with proper text matter approved by Bio-Medical Waste (Management & Handling) Rules, 1998 framed under Environment (protection) Act, 1986 shall be used. For more details visit website of KSPCB.

Issue Date :	12/04/2019
Certificate No :	AMEB/2019-20/56
Validity:	From- 1/4/2019 To - 31/3/2020
Member code :	Others
No. of Beds :	NIL


Dr. Ramakant Nayak
Principal

M.M.S. N.G. Halgekar Institute of Dental Sciences
& Research Centre, Belagavi-590010,

ASSOCIATION OF MEDICAL ESTABLISHMENTS, BELAGAVI

Office: IMA House, Dist. Hospital Compound, Opp. Hotel Milan, Club Road, Belagavi-590 001
Registered under Karnataka Societies Registration Act 1960 (Reg. No: BEL-S107-2008-2009)

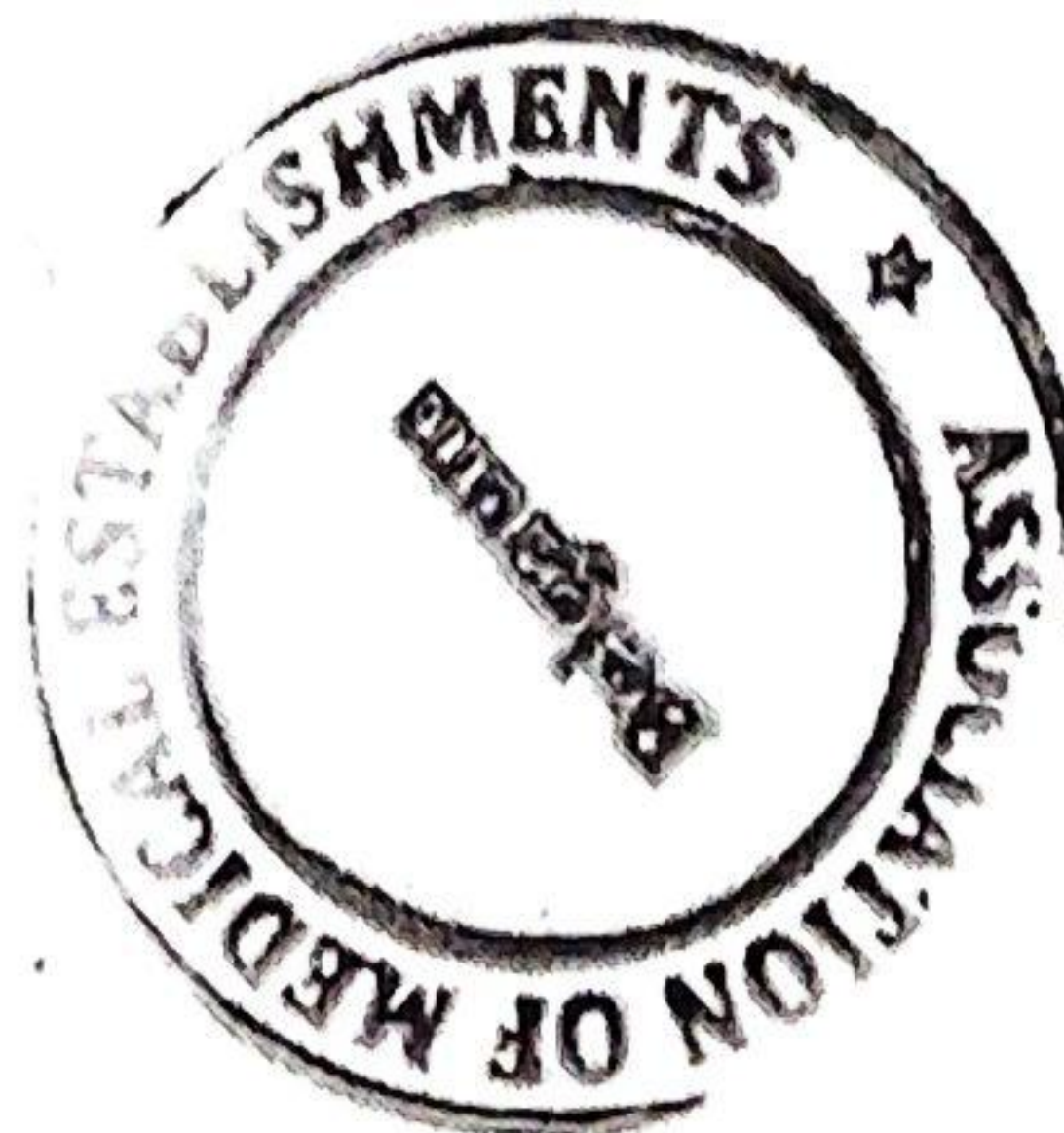
CERTIFICATE

This is to certify that Maratha Mandal's Nathajirao G. Halgekar. President Maratha Mandal Belgaum. R.S. No. 47A/2, Near K S R P Ground, Bauxite Road, Belgaum has joined the Common Bio-Medical Treatment and Disposal Facility operated by Association of Medical Establishments, Belgaum at IMA House, District Hospital Compound, Club Road, Belgaum-590001. And the Bio-Medical Waste generated by that Maratha Mandal's Nathajirao G. Halgekar. President Maratha Mandal Belgaum. R.S. No. 47A/2, Near K S R P Ground, Bauxite Road, Belgaum is scientifically disposed by the Bio-Medical Waste disposal plant run and maintained by the Association of the Medical Establishments, Belgaum. This Certificate is valid From: 1/4/2020 To: 31/3/2021.


Dr. S. R. Nandeshwar.

Treasurer

Association of Medical Establishments
Belagavi



Place : Belagavi

Date : 06/06/2020

Note: Colour coded plastic bags with proper text matter approved by Bio-Medical Waste (Management & Handling) Rules, 1998 framed under Environment (protection) Act, 1986 shall be used. For more details visit website of KSPCB.

Issue Date :	06/06/2020
Certificate No :	AMEB/2020-21/276
Validity:	From- 1/4/2020 To - 31/3/2021
Member code :	Others
No. of Beds :	NIL


Dr. Ramakant Nayak
Principal

M.M's N.G. Halgekar Institute of Dental Sciences
& Research Centre, Belagavi-590010.



Belgaum Green Environmental Management Pvt Ltd.

Head Office : B - 304, Ramky Utsav, New BEL Road, Seenappa Layout, Devasandra, Bengaluru - 560 094 Mobile : +91 9731330553, +91 9986042986(MD). E-mail: belgaumgreen@gmail.com

Plant : Sy-No 29/2, Haroogoppa To Murgoud Road, Haroogoppa Village, Savadatti Taluk, Belgavi Dist. Mobile : +91 9945808095, +91 7204595366, +91 9901598095, +91 9164744378

Membership No. BGEM/MEM/ 2022 No. 02

COMMON BIO MEDICAL WASTE TREATMENT DISPOSAL FACILITY (CBMWTF)

Membership Certificate

This is to Certify that Maratha Mandal's N. G. Halgekar Institute of
Dental Sciences & Research Centre, Belagavi.

Hospital/Nursing Home/Cinic/Laboratory/Non Bed HCE/ Dental Hospital No Beds 25

is a Member of Belgaum Green Environmental Management Pvt Ltd. (CBMWTF) Survey No. 29/2, Haroogoppa
to Murgoud Road, Haroogoppa Village, Savadatti Taluk, Belgavi Dist., Karnataka.

This certificate is valid from 01/08/2022 to 31/07/2023

Dr. Ramakant Nayak
Principal

M.M's. N.G. Halgekar Institute of Dental Sciences
& Research Centre, Belagavi-590010



(for) *Ramakant Nayak*

Authorised Signatory



Date: 14/10/2022

**Memorandum of Understanding BETWEEN RecycleEarth Foundation, Hubballi
And
Maratha Mandal's Nathajirao G Halgekar Institute of Dental Sciences & Research
Centre, Belagavi.**

RecycleEarth Foundation, Hubballi and Maratha Mandal's Nathajirao G Halgekar Institute of Dental Sciences & Research Centre, Belagavi. Establish this Memorandum of Understanding for the purpose of short term collaboration for creating and raising awareness on E- waste and Glass waste among students of your institute.

1. Both parties will encourage the following activities to promote awareness of E-waste and Glass waste:
 - a. RecycleEarth Foundation conducting awareness sessions for students of Maratha Mandal's Nathajirao G Halgekar Institute of Dental Sciences & Research Centre, Belagavi.
 - b. RecycleEarth Foundation will collect E-waste donations from your premises.

Before implementing these activities, the parties will discuss the opportunities, challenges, and costs of the activities and thereafter enter into specific agreements based on the mutually agreed objectives and outcomes

2. This Memorandum of Understanding can act as a starting point to establish a framework/guideline for cooperation between the parties to identify and achieve shared goals and objectives with an intention of promoting environmental wellness amongst students and faculties of the college and to the general masses of the locality at large. This Memorandum Of Understanding is non-binding and does not impose any legal or financial obligations or liabilities on either party
3. This Memorandum of Understanding shall remain in effect for one year unless either party terminates sooner by notifying the other party in writing. The parties may extend the period of this Memorandum Of Understanding beyond five years by mutual written agreement

Head of the Organizations:

1. RecycleEarth Foundation, Hubballi.
2. Maratha Mandal's Nathajirao G Halgekar Institute of Dental Sciences & Research Centre, Belagavi.

Nayak
For RECYCLEARTH FOUNDATION

R. N. L.
14/10/22

**Dr. Ramakant Nayak
Principal**

M.M's. N.G. Halgekar Institute of Dental Sciences
& Research Centre, Belagavi-590010.

RECYCLE EARTH

FOUNDATION

Date: 14/10/2022

To,
Maratha Mandal's Nathajirao G Halgekar Institute of Dental Science & Research Center,
Belagavi.

Congratulations!

Your contribution of donating (Ewaste material names and qty mentioned in the annexure) towards responsible recycling of electronic and electrical waste, is a step towards making sure we are presenting our future generations with a chance of living in a greener environment.

If more individuals like yourself come forward and donate obsolete and used electrical and electronic waste, I am sure we all will be able to make a positive impact towards environmental conservation. Hence, we request you to encourage your family and friends to donate their E-waste to RecycleEarth Foundation.

RecycleEarth Foundation ensures that any WEEE (Waste Electrical and Electronic Equipment) collected by them is channelized to a SPCB/CPCB (State or Central Pollution Control Board) registered E-waste recycler or dismantler.

Thank you


For **RECYCLE EARTH FOUNDATION**

Nayan S Momaya,
Chief Recycling Officer,
RecycleEarth Foundation.


Dr. Ramakant Nayak
Principal

M.M's. N.G. Halgekar Institute of Dental Sciences
& Research Centre, Belagavi-590010.

Address: Anusharan Arcade, Prashant Colony,
Vidyanagar, Hubballi-580031

CIN: U85300KA2021NPL155205

Website: www.recycleearth.in

Email: info@recycleearth.in



EXPRESSION OF GRATITUDE


This is to thank

MARATHA MANDAL'S NATHAJIRAO G. HALGEKAR INSTITUTE OF
DENTAL SCIENCE & RESEARCH CENTER.

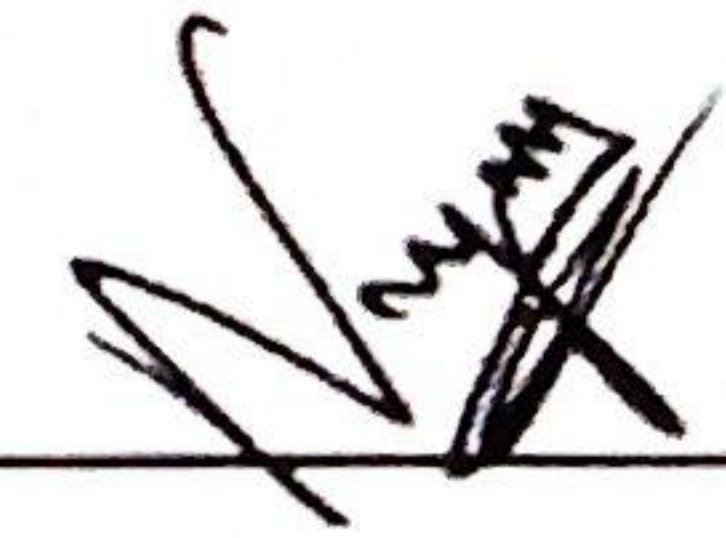
for contributing towards responsible recycling of E-waste.
It is a step towards providing our future generations with a chance of
living in a greener environment.

14.10.2022

Date


Dr. Ramakant Nayan
Principal

M.M's. N.G. Halgekar Institute of Dental Sciences
& Research Centre, Belagavi-590010.



Nayan S. Momaya
Chief Recycling Officer



Karnataka Private Medical Establishment Authority

Belagavi District

CERTIFICATE OF REGISTRATION



MARATHA MANDALS N. G. HALGEKAR INSTITUTE OF DENTAL SCIENCES AND RESEARCH CENTRE
BELGAUM

Near K.S.R.P Ground, R.S.No 47A/2, Bauxite Road, Belgaum - 590010 590010

Is hereby registered as Establishment Practicing Allopathic System of Medicine-Teaching Hospitals

As per the provision of KPMEA ACT 2007 & Rules 2009

Registration Number : BLG00102AAHP

Issue Date 06 Dec 2016

Valid Till 05 Dec 2021

Deputy Commissioner & Chairman
DIST.REGISTRATION AUTHORITY
Belagavi District

District Health & FW Officer & Secretary
DIST.REGISTRATION AUTHORITY
Belagavi District

I M A President & Member
DIST.REGISTRATION AUTHORITY
Belagavi District

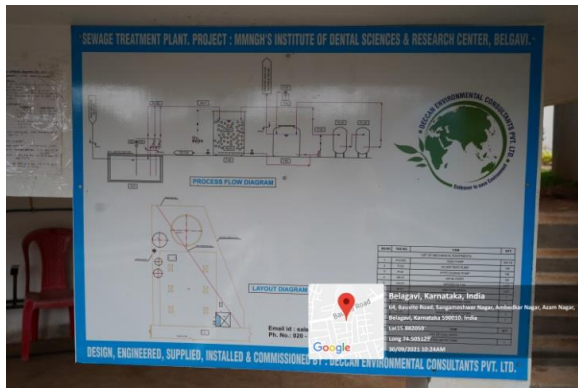
District Ayush Officer
DIST.REGISTRATION AUTHORITY
Belagavi District

Dr. Ramakant Nayak
Principal

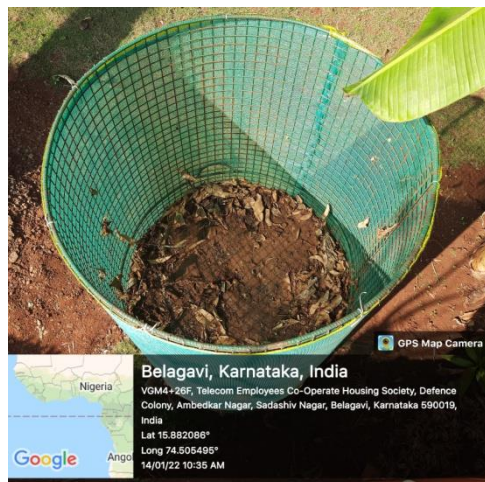
M.M's. N.G. Halgekar Institute of Dental Sciences
& Research Centre, Belagavi-590010.

7.1.4 MANAGEMENT OF DEGRADABLE AND BIO-DEGRADABLE WASTE

SEWAGE TREATMENT PLANT



DRY WASTE COMPOSTING UNIT



BIOMEDICAL WASTE MANAGEMENT



BIOGAS PLANT



CCTV CAMERA

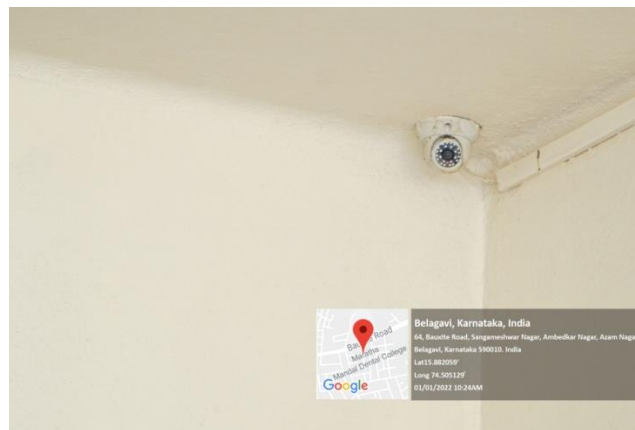
RECEPTION



DEPARTMENT



INSIDE CLASSROOM



SIGN BOARD OF INSTRUCTIONS

