



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

- 7.1.3 Q_nM** The Institution has facilities for alternate sources of energy and energy conservation devices



Mahatma Gandhi Vidyamandir's
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Panchavati, Nashik-422003

INSTALLATION RECEIPTS

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SOLAR ENERGY



**Apollo
Corporation**

A Complete Solar Energy Solution Provider



Authorized Dealer of Jain Irrigation Systems Ltd. (Solar Division)

Date: 20.09.2021

To,

**MGV Girls & Boys Hostel,
Panchvati, Nashik - 3.**

**Sub : Installation Report for Jain Solar Water Heating System at MGV Girls Hostel,
Panchvati, Nashik - 3.**

Ref : Purchase Order Ref. No. MGVN/PUR/2019-20/4047 & 4049 Dated 12.02.2020

Dear Sir,

As per above mentioned subject, we are glad to inform you that, the installation of 10 Nos of Jain Solar Water Heating System at MGV's Girls Hostel, Nashik has been completed.

This is for your information & necessary action.

Thanks & Regards,



For Apollo Corporation, Nashik



Near Church, Wadala-Pathardi Road, Indira Nagar, Nashik – 422009



apollocorporation9@gmail.com



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SENSOR BASED ENERGY CONSERVATION



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

28/11/2022

Installation Report – Maintenance Department

During the year 2022 Following is the list of installed Sensor Based Energy Conservation equipment in the Mahatma Gandhi Vidyamandir's Karmaveer Bhausaheb Hiray Dental College & Hospital Panchavati, Nashik-422003.

Number of Items	Particular	Name of department Where installation done
35 PCS	Bajaj Dwan Smart Sensor Tubelight 20 Watt	Dark Room – Oral Medicine and Radiology Department
		CBCT Room- Oral Medicine and Radiology Department
		Implant Room- Prosthodontics Crown and Bridge Department
		Research Room- Oral Pathology Department
		VIP Room- Pediatric Department (VIP Clinic)
		Principal Office

Maintenance In-charge

Dr. Meenal Gulve
PRINCIPAL
MGV's KBH Dental College & Hospital
Panchavati, Nashik-422 003

BIOGAS PLANT

GREEN ENERGY SOLUTIONS

GC - 14, THAKKAR BUZZAR COMPLEX
NEW CIBS, NASHIK, MAHARASHTRA
E-Mail - greenenergy903@gmail.com Web:- www.biogasnashik.com

Date - 08/05/2023

BIOGAS INSTALLATION AND TESTING REPORT

Model - Green Star20

Installation Date - 30/04/2023

Raw Biogas: EX- 75%, CO- 130 PPM, H₂S- 1030 PPM, O₂- 5.4%

After Scrubbing:

Activated Carbon+Zeolite Powder+20ml H₂O: EX- 87.5%+, CO- 0 PPM, H₂S- 0 PPM, O₂- 6%

After Next Days-----

01/05/2023-

Raw Biogas: EX- 65%, CO- 680 PPM, H₂S- 520 PPM, O₂- 8%

After Scrubbing:

Activated Carbon+Zeolite Normal: EX- +90%, CO- 170 PPM, H₂S- 0 PPM, O₂- 2%

After 3 Days-----

04/05/2023-

Raw Biogas: EX- 70%, CO- 330 PPM, H₂S- 730 PPM, O₂- 6%

After Scrubbing:

Activated Carbon: after 24 hrs: EX- +90%, CO- 0 PPM, H₂S- 0 PPM, O₂- 1.8%

Installation Process completed.



Client - K.B.H. dental College And Hospital Site - Boys Hostel.

Panchavati, Nashik.MAHARASHTRA

GREEN ENERGY SOLUTIONS

GC - 14, THAKKAR BUZZAR COMPLEX
NEW CBS, NASHIK, MAHARASHTRA

E-Mail - greenenergy903@gmail.com Web:- www.biorasnasik.com

बायोगॅससंयंत्रांचीदेखभाल -

- 1) दररोज ओला कचरा किंवा शेण व पाण्याचे मिश्रण 1-1 प्रमाणात होत आहे की नाही हे तपासावे.
- 2) मिश्रण करताना डिटर्जेंट किंवा साबणाच्या (अंधोळीच्या) पाण्याचा वापर करू नये.
- 3) सर्वसाधारणतः दुपारच्या वेळेस नियमित पणे बायोगॅस संयंत्रवरील टाकी हलक्या हाताने फिरवून किंवा मागे पुढे गोलाकार फिरवावी.
- 4) दगड - गोटे, खडे, वाळू, कचरा इत्यादी स्लरी बरोबर बायोगॅस संयंत्रात जाऊ देऊ नयेत.
- 5) बायोगॅस संकलन अर्धवर्तुळाकार भागात स्लरीचा थर (पापडी) जमणार नाही, याची काळजी घ्यावी.
- 6) चुलीचा बर्नर किंवा दिवा सुरू करण्या आधी आगपेटी पेटवून घ्यावी.
- 7) साबणाच्या पाण्याने बायोगॅस बर्नर धुऊन स्वच्छ करावा.
- 8) गॅस पाइप लाइन ची साबण व पाण्याच्या द्रावणाने गळती तपासून घ्यावी. गळती नसल्याची खात्री करून घ्यावी. जर गॅस गळती आढळल्यास ती दुरुस्त करून घ्यावी.



Client - K.B.H. dental College And Hospital Site - Boys Hostel.
Panchavati, Nashik. MAHARASHTRA

USE OF LED
BULBS/
POWER
EFFICIENT
EQUIPMENT



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

30/03/2022

Installation Report – Maintenance Department

During the tenure of 2020 to 2022 following power efficient equipment were installed in the Mahatma Gandhi Vidyamandir's Karmaveer Bhausaheb Hiray Dental College & Hospital Panchavati, Nashik-422003. The list is as -

Number of Items	Particular
100	LED T5
10	LED batten 20 watt
20	LED panel
10	2X2 36watt panel
12	30 wattLEDflood light
20	LED bulb
100	LED batten square 20 watt

Maintenance In-charge

Dr. Meenal Gulve
PRINCIPAL

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



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

05/07/2019

Installation Report – Maintenance Department

The list of installed power efficient equipment in the Mahatma Gandhi Vidyamandir's Karmaveer Bhausaheb Hiray Dental College & Hospital Panchavati, Nashik- 422003 for the year 2019-20 is as -

Number of Items	Particular
24	LED Lamp
20	LED Panel
150	LED Tube set

Maintenance In-charge

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PRINCIPAL

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Panchavati, Nashik-422 003



Mahatma Gandhi Vidyamandir's
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Panchavati, Nashik-422003

02/08/2018

Installation Report – Maintenance Department

During the year 2018 Following is the list of installed power efficient equipments in the Mahatma Gandhi Vidyamandir's Karmaveer Bhausaheb Hiray Dental College & Hospital Panchavati, Nashik- 422003.

Number of Items	Particular
175	Led batten
10	Led lamp
3	20watt Led tube set
2	5watt Led bulb
3	EW Led batten 20watt
4	CR Led T5 set

Maintenance In-charge

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