



Gokhale Education Society's

**R. N. Chandak Arts, J. D. Bytco Commerce &**

**N. S. Chandak Science College**

Nashik Pune Road, Opp. Sujata Birla Hospital, Nr. Ashirwad Stop, Nashik-422101

Email: [cbccollegenashikroad@gmail.com](mailto:cbccollegenashikroad@gmail.com) Phone : 0253-2461548 Fax : 0253-2469372



▶ Affiliated to Savitribai Phule University ▶ ID No: PU/NS/ASC/005/ 1963 ▶ ISO 9001-2015 Certified ▶ NAAC Accredited B College



## Criterion 7 – Institutional Values and Best Practices

### 7.1.3 Audit Certificates

# ❖ Energy Audit Certificate ❖

This is to certify that following utility has carried out  
College building Energy Audit  
in recognition of the organizations efforts for  
sustainable development.

Name of the Institute	: Gokhale Education Society's <b>RNC ARTS JDB COMMERCE AND NSC SCIENCE COLLEGE</b> NASHIK ROAD NASHIK MAHARASHTRA 422101
Date of Energy Audit	: 16.03.2023
Name of Energy Auditor	: <b>KEDAR KHAMITKAR</b> Certified by BEE (Bureau of Energy Efficiency) Ministry of Power, Govt. of India
EA Certificate No . EA/03/2023/010/RNCACSCNR	: 

Empaneled Energy Auditor & Planner

Reg no. MEDA/ECN/CR-14/2020-21/EA-17

महाराष्ट्र ऊर्जा विकास अभिकरण  
(Govt. of Maharashtra Institution)



*Kedar*  
**Kedar Khamitkar**  
Energy Auditor CEA-8287  
Certified by BEE,  
Ministry of Power, Govt. of India



संयोजन ऊर्जावे

**Kedar Khamitkar & Associates, Latur**

Empanelled with Mahaurja, Govt of Maharashtra Institution



**ISO 9001-2015 Certified**



Note : Certificate is based on organisation compliance on energy audit  
recommendations and continual maintenance of the system & conduction of surveillance audit

# GREEN AUDIT CERTIFICATE

*This certificate has been awarded to*

Gokhale Education Society's  
**RNC ARTS JDB COMMERCE AND NSC SCIENCE COLLEGE**  
NASHIK ROAD NASHIK MAHARASHTRA 422101

*in recognition of the organizations efforts for  
sustainable development.*



GA Certificate No . : GA/03/2023/011/RNCACSNR

Empanelled with



महाराष्ट्र ऊर्जा विकास अभिकरण  
(Govt. of Maharashtra Institution)  
Reg no. MEDA/ECN/CR-14/2022-23/EA-07



*Kedar*

**Kedar Khamitkar**  
Energy Auditor CEA-8287  
Certified by BEE,  
Ministry of Power, Govt. of India



**Kedar Khamitkar & Associates, Latur**  
Empanelled with Maharashtra, Govt of Maharashtra Institution



**ISO 9001-2015 Certified**

Issued Date : 16/03/2023



**ऊर्जा** धन...  
इंधन...  
पर्यावरण...!  
**संवर्धन**

Note : Certificate is based on organisation compliance on green audit  
recommendations and continual maintenance of the system & conduction of surveillance audit

# S & A Certifications

## Gokhale Education Society's

**RNC Arts, JDB Commerce & NSC Science College.**

Nashik Pune Road, Nashik – 422 101.

The Water Management System (Water Foot Print)  
ISO 14046:2014.

### Water Foot Print

**1<sup>st</sup> June 2021 to 31<sup>st</sup> May 2022**

Total Metered Consumption from June 2021 to May 2022  
Is 24,00,000 Liters.

So Average Daily Water Consumption  
24,00,000 Liters / 365 Days = 6,575 Liters.

Foot Print for the Period June 2021 to May 2022  
Is 6,575 Liters per Day.

**6575 Liters per Day is the Average Daily  
Water Foot Print.**

Certificate Number : S & A Certifications 01/WMS / 06 / 21-22

Date of Issue :- 14/06/2022.



**S & A Euro Cert.**

**Mr. Shrinivas Joshi**

S & A Certifications (Authorised Signatory)

Global Corporate Office :- Woody House 212-224 Ferries Avenue, London, UK.



# S & A Certifications

## Gokhale Education Society's

### RNC Arts, JDB Commerce & NSC Science College.

Nashik Pune Road, Nashik – 422 101.

The Green House Gases Emissions Management System (Carbon Footprint)

ISO 14064:2018.

#### Carbon Foot Print

1<sup>st</sup> June 2021 to 31<sup>st</sup> May 2022. Calculation of Kg of CO2 Emissions

1	2	3	4	5
Category	Kg of CO2 per unit of consumption <i>As per GRI Standards</i>	Average Consumption Per Month	Calculation $2^{+3}$	Total Kg of CO2 $2^{+3}=5$
Electricity	0.371 Kg per KWH	4,298 KWH	$4,298 \times 0.371$	1,594.56
Diesel	2.68 Kg per liter	924 Liters	$924 \times 2.68$	2,476.32
Petrol	2.3 Kg per liter	2,518 Liters	$2,518 \times 2.3$	5,791.40
LPG	3 Kg per Kg	80.47 Kg	$80.47 \times 3$	241.41
<b>TOTAL</b>				<b>10,103.69</b>

So the Average Monthly Carbon Foot Print per Month for the Period June 2021 to May 2022. is 10,104 Kg of CO2.

10,104 Kg of CO2 per Month is the Carbon Foot Print.

Certificate Number : S & A Certifications 01/GHGEMS / 06 / 21-22

Date of Issue :- 14/06/2022.



Mr. Shrinivas Joshi

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Date of Issue :- 26/06/2021.



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Global Corporate Office :- Woody House 212-224 Ferries Avenue, London, UK.

Gokhale Education Society's  
RNC Arts, JDB Commerce and NSC Science College.  
Green Audit Report 2021 - 2022

**Green Audit was conducted by**

CA. Dr. Ashis .Arun. Palkhiwale.

**Green Audit, Energy Audit, Water Audit  
was conducted Online without Actual  
Physical Visit.**

**For 2021 - 2022.**

**For Green Audit the Data considered for  
the Period**

**1<sup>st</sup> June 2021 to 31<sup>st</sup> May 2022  
(Academic Year)**

**Date of Audit / Report**

**11<sup>th</sup> April 2022**

*Nashik Pune Road, Nashik - 422 101.*

**Gokhale Education Society's  
RNC Arts, JDB Commerce and NSC Science College.  
Green Audit Report 2021 - 2022**

**Inclusions & Exclusions while performing the Green Audit.**

- 1) Carbon emissions due to Students Travelling is not considered.
- 2) Carbon emissions due to Faculty & Staff Travelling is considered.
- 3) Carbon emissions during Industrial Visits travelling not considered.
- 4) Carbon emissions from the Construction of Building are not considered as the Building is more than 10 Years old.
- 5) All Wood is more than 6 years old so not considered. (Classroom Faculty Platforms). (Still Details of Wooden Furniture is mentioned)

**Wood Furniture details excluding Plywood.**

Wooden Chairs	Tables	Cupboards	Shelves	Desks / Benches	Partitions
56	146	115	31	207	26

- 6) Plywood is not considered as Plywood is already recycled.
- 7) Total Consumption of Electricity for the Institute is considered.
- 8) Total Consumption of Water for the Institute is considered.
- 9) LPG Cylinders are consumed mainly in Labs.
- 10) Green Cover is considered of the premises around the College campus which may include some part common to the Nashik Road Campus.
- 11) Emissions from Tiles, Cement, Bricks & Paints & Printers are not considered.
- 12) Ambient Air Quality Monitoring is not performed as it was an Online Remote Audit.
- 13) Analysis of Water entering the drains / soak pits is not performed, as it was an Online Remote Audit. (Sewage water, Lab washing water, Washing & Cleaning water) is let out in drains.
- 14) Raw Water Analysis is not performed as it was an Online Remote Audit.
- 15) Radiation due to Wifi & Mobile Phones is not considered.

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**Gokhale Education Society's  
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Green Audit Report: 2021 - 2022**

**Air.**

Since it was an Online Remote Audit, Ambient Air Quality was not monitored. Ideally it should be monitored at 12 locations depending on the area of the Institute.

Since it was an Online Remote Audit, Stack Emissions of the Diesel Generator was not monitored.

**Paper.**

Each A 4 paper is used from both the sides.

After use on both the sides then it is sold to Old Paper Merchant.

To the extent possible use of soft copies of documents is promoted.

For the period **June 2021 to May 2022**

**The consumption was 230 Reams of A 4 Paper of 75 GSM.  
(A 4 500 Sheets in each Ream & each Ream of 2.34 kg)**

**The consumption was 08 Reams of A 3 Paper of 75 GSM.  
(A 3 500 Sheets in each Ream & each Ream of 4.63 kg)**

**The consumption was 20 Reams of Legal Paper of 75 GSM.  
(Legal 500 Sheets in each Ream & each Ream of 2.81 kg)**

Gokhale Education Society's  
RNC Arts, JDB Commerce and NSC Science College.  
Green Audit Report 2021 - 2022

## Water.

### **Water used for**

Drinking, Cleaning, Washing & Flushing, Gardening, In Laboratory.

As per the water meter installed.

Yearly reading of the Water Meter 24,00,000 Liters Per Year

So Average Monthly Water Consumption will be

$24,00,000 / 12 = 2,00,000$  Liters Per Month.

If the Volume of Tanks as informed by the institute is taken as base.

(Volume of water tanks certification not performed).

Two Water Tanks of 2000 Liters each and One Water Tank of 5000 Liters are filled once every day

So it indicates 9000 Liters per day approx. (always at the time of refilling the tanks the tanks may not be full empty).

So if we take working days in a Month as 25 days

$2,00,000 / 25$  Days in a month = 8000 Liters per day

**Total Water Consumption from June 2021 to May 2022**

**24,00,000 Liters per 12 Months.**

**2,00,000 Liters per Month**

So the Water Foot print is

**$24,00,000 / 365$  Days = 6,575 Liters per Day.**

**So the Water Foot Print is 6,575 Liters of Water Per Day.**

**A separate Water Foot Print Certificate is given to the Institute.**

**No Rain Water Harvesting is performed.**

**Currently no measures are being taken to save water or to recycle water.**

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*Nashik Pune Road, Nashik – 422 101.*

**Gokhale Education Society's RNC Arts, JDB Commerce  
and NSC Science College. Green Audit Report 2021 - 2022  
Nashik Pune Road, Nashik – 422 101.**

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