



Gokhale Education Society's

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

N. S. Chandak Science College

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▶ 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

7.1.2. B: Management of the various types of degradable and non-degradable waste

Managing both degradable and non-degradable waste is crucial for environmental sustainability and public health. Here's how each type can be managed effectively

Degradable

Composting: Organic waste can be composted to produce nutrient-rich soil conditioner.

Vermicomposting: Utilizing worms to decompose organic waste can accelerate the composting process and produce high-quality compost.

Non-degradable

Waste Reduction Initiatives: Implementing policies and programs to reduce the generation of non-degradable waste

Recycling: Materials such as paper, plastics, glass, and metals can be collected, sorted and reduces the amount of waste sent to landfills.

Landfills: Non-recyclable and non-compostable waste is disposed of in landfills and to help minimize environmental contamination.

Extended Producer Responsibility: Encourages the design of more environmentally friendly and easily recyclable products.


Waste Minimization: Encouraging the use of durable, long-lasting products, and promoting the practice of "reduce, reuse, recycle" helps minimize the generation of non-degradable waste.



Geotag Photos



Vermi Compost – Solid waste Composting

VERMICULTURE 

VERMICULTURE IS ARTIFICIAL REARING OF EARTHWORMS.
VERMICOMPOST IS ECOFRIENDLY NATURAL FERTILIZER OBTAINED FROM BIODEGRADATION OF ORGANIC WASTES THROUGH EARTHWORM SPECIES

BENEFITS OF VERMICOMPOST TO SOIL

- 1) IT IMPROVES WATER HOLDING CAPACITY OF THE SOIL.
- 2) IT IMPROVES ROOT GROTH & NUTRIENT ABSORPTION.
- 3) IT IMPROVES SOIL ERATION, TEXTURE.
- 4) IMPROVES THE FERTILITY OF SOIL.

NUTRIENT PROFILE OF VERMICOMPOST & FARM YARD MANURE.

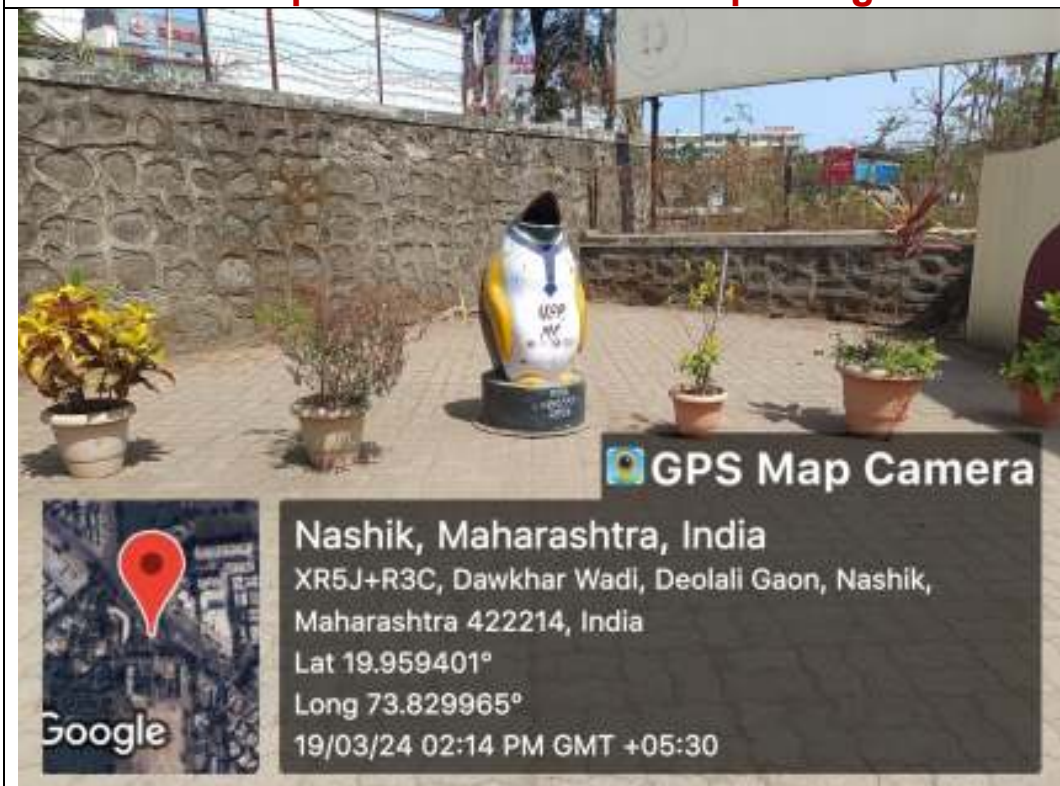
NUTRIENTS	Vermicompost	Farmyard Manure
N%	1.6	0.5
P%	0.7	0.2
K%	0.8	0.5
Ca%	0.5	0.9
Mg%	0.2	0.2
Fe (ppm)	175.0	146.5
Mn(ppm)	96.5	69.0
Zn(ppm)	24.5	40.5
Cu(ppm)	5.0	2.8

GPS Map Camera

Nashik, Maharashtra, India
 XR5J+R3C, Dawkhar Wadi, Deolali Gaon, Nashik,
 Maharashtra 422214, India
 Lat 19.95915°
 Long 73.829942°
 04/01/22 04:01 PM GMT +05:30



Compost – Solid waste Composting



Dustbin for Solid waste

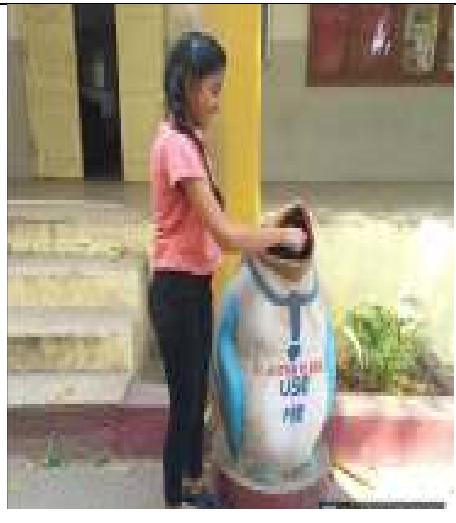


GPS Map Camera



Nashik, Maharashtra, India
XR5J+93P, Dawkhar Wadi, Deolali Gaon, Nashik,
Maharashtra 422214, India
Lat 19.958663°
Long 73.829672°
18/03/24 01:09 PM GMT +05:30

Dustbin for Solid waste





Girl's Common room sanitary pads Disposal machine



**Use of Plastic is Prohibited in College Campus
 Clean Campus
 Green Campus**

