

**K. N. Bhise Arts Commerce and Vinayakrao Patil Science College, Vidyanagar, Bhosare
Waste Management Record**

नगरपरिषद कार्यालय, कुर्डूवाडी

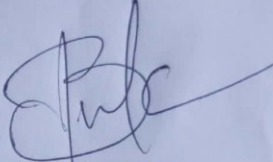
ता. माढा, जि. सोलापूर ४१३२०८

Date:

Certificate

This is to certify that Nagar Parishad of Kurduwadi has scheme to collect waste material ~~liter~~ from home/institution/ firm/market etc. to decompose and recycle the waste material. K. N. Bhise Arts, Commerce and Vinayakrao Patil Science College, Bhosare is a part of this scheme from 25 June 2017. The waste collection vehicle collects the dry and wet material everyday from the college campus.




CHIEF OFFICER
KURDUWADI MUNICIPAL COUNCIL
DIST-SOLAPUR

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Computer

Laptop

Printer

Biometric Machine

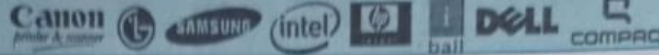
CCT.V. Camera

Sales & Services

GSTIN : 27ALRPC8527C1Z1 Pan No. : ALRPC8527C

FOURSON COMPUTER SERVICE

Mob. 9850278731, 9422729703 E-mail : fcsbarshi@gmail.com



Ref. No. *by hand*

Date: *01/06/2017*

CERTIFICATE

This is certify that Fourson Computer Service , Barshi has scheme of collecting e-waste material like (Computer, Mouse , Keyboard, Wire , Cartridge etc.) from Home / Institution / firm / market etc. to decompose and recycle the waste material. K. N. Bhise Arts, Commerce, and Vinayakrao Patil Science College, Bhosare is a part of this scheme from 1 June 2017



Upalai Road, Deshmukh Plot, Barshi-413 411. ☎ : (02184)227313
Mob. 9850278731, 9422729703 E-mail : fcsbarshi

Upalai Road, Deshmukh Plot, Shri Krishna Colony, Barshi-413 411. ☎ : (02184)227313
Mob. 9850278731, 9422729703 E-mail : fcsbarshi@gmail.com

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Madha Taluka Shikshan Prasarak Mandal's
**K. N. Bhise Arts, Commerce And Vinayakrao Patil Science College,
Vidyanagar, Bhosare.**

Department of Chemistry

Sr.No.	Solid/ liquid waste	procedure
	Liquid Chemical waste	Dispose of harmful liquid chemical waste are collected through underground pipelines & collected in dump.
	Liquid waste are collected in separate container & recycle on it. and reuse it.	After washing the product by ethanol then washed ethanol are collected in separate container. By using distillation process pure ethanol are collected and reused it.
	Solid Waste :- Broken glasswares	Broken glasswares are collected in separate container & labeled on it and handover to municipal corporation.
	Waste filter papers & other laboratory solid chemical ,compound waste materials	Wasted filter papers, unwanted non-hazardous solid chemicals & other solid waste are collected in separate container.
	Reuse of chemical product	Prepared tetrammine copper sulphate & ferrous ammonium sulphate used in another experiment.
	Dispose of mercury thermometer	Broken Hg thermometers are collected in separate container & handover to municipal corporation.
		Toxic , hazardous chemicals are keep in separate place in store room. Flammable liquids are stored in separate place in store room.

K. N. Bhise Arts, Commerce and Vinayakrao Patil Science College, Kurduwadi

Department Of Microbiology

Waste Management

The waste generated in Microbiology Laboratory is of following types:

1. Used media
2. Used cotton plugs
3. Wash water
4. Filter papers
5. Broken glassware

1. Used media is categorised into broth and agar.

Again, both of these are categorised into hazardous and non hazardous.

Non hazardous liquid media is dumped into the sink which ultimately goes to sewage treatment tank.

Nonhazardous solid media is dumped into the soil so as it will not be exposed to environment.

Hazardous solid/liquid media is decontaminated first with the help of autoclave and then dumped in the soil/sink.

2. Cotton plugs are reused after autoclaving. These are also used for wiping purpose.
3. Solid dry waste which could be hazardous is incinerated.
4. Broken glassware is recycled for modified use eg. Broken glass rods are converted into spreaders.
5. Spent wash liquid is mixed into sewage which ultimately goes to sewage treatment tank.
6. Acidic waste is neutralised before discharge.
7. Insoluble solid particulate waste is solubilized before discharge.

8. Non hazardous autoclaved solid media waste is used as source of organic matter for the plants in the campus .

9. Microbial cultures such as *Pseudomonas* are used to bioremediate the hydrocarbon containing waste. Such waste is further treated with mixed microbial consortia and it is used as source of siderophores for cultivation of plants in campus .

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Akulgaon, Maharashtra, India
NH465, Akulgaon, Maharashtra 413208,
India K. N. Bhise College
Lat N 18° 6' 12.2508"
Long E 75° 26' 2.6448"
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Hazardous Chemical Wastage Outlet



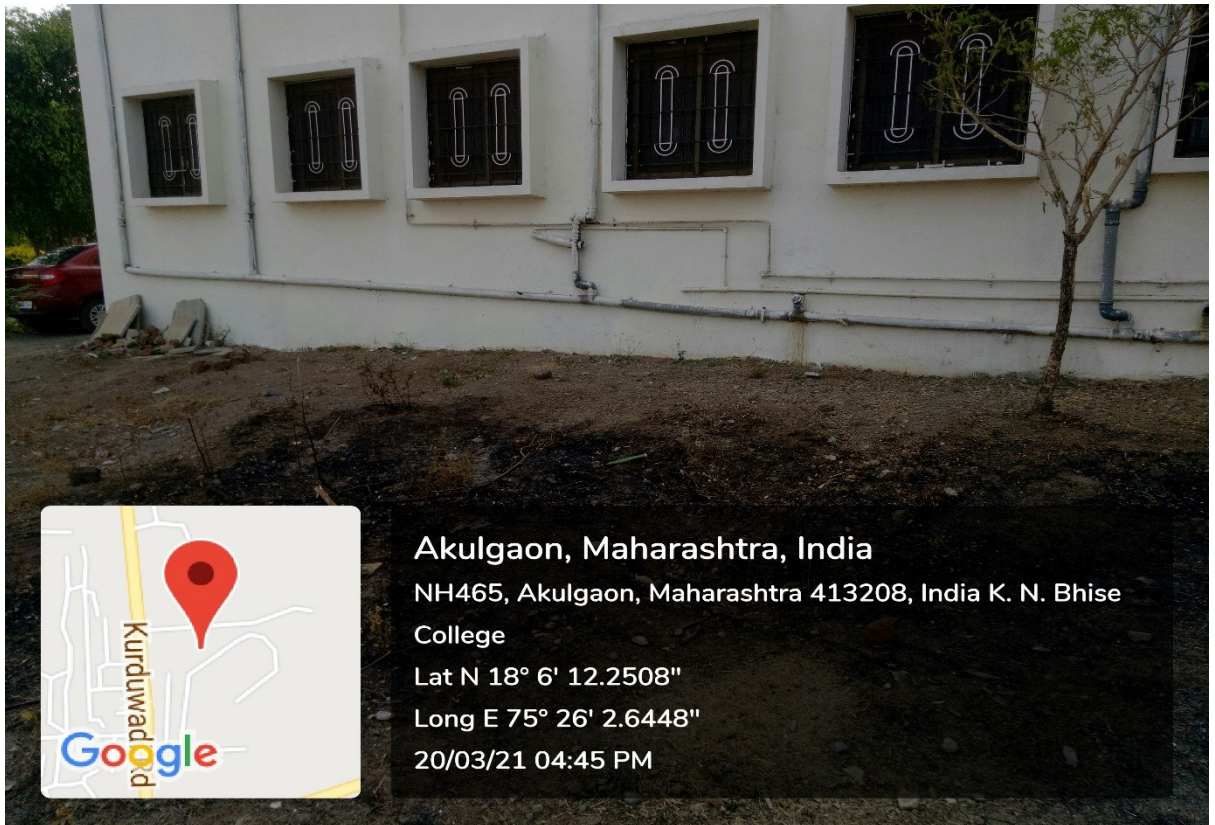
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Hazardous Chemical Wastage Outlet

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Hazardous Chemical Wastage Pipeline



Hazardous Chemical Wastage Pipeline

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Hazardous Chemical Wastage Pipeline



Reuse of Waste Water Management with Drip Facility

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Project on Natural Light Water Bulb from Waste

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Project on Natural Light Water Bulb from Waste

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Vermicompost Unit in the College



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Cleanness Drive Photos in the Campus



Cleanness Drive Photos in the Campus

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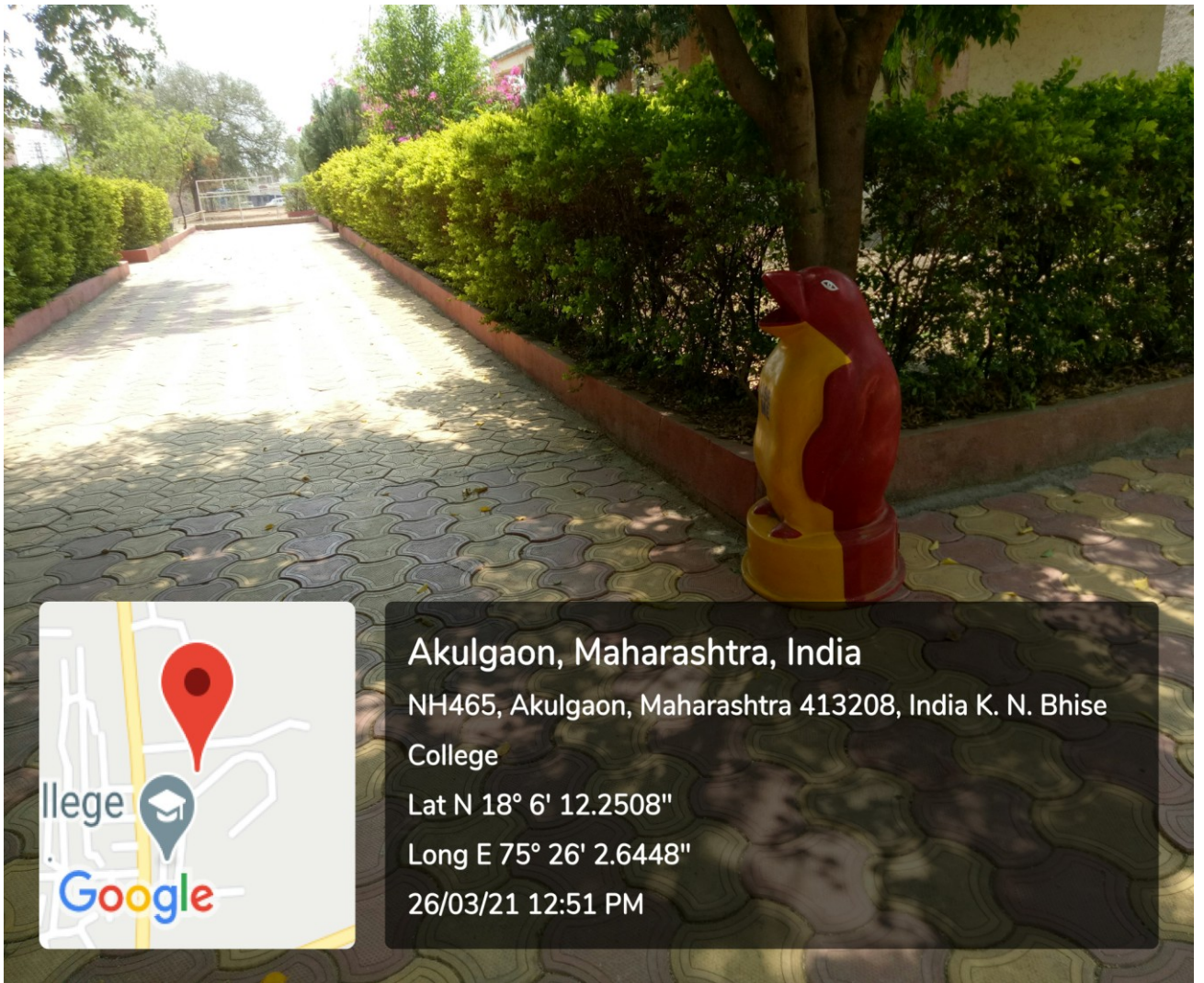
Dustbins Kept in the Campus

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NH465, Akulgaon, Maharashtra 413208, India K. N. Bhise
College

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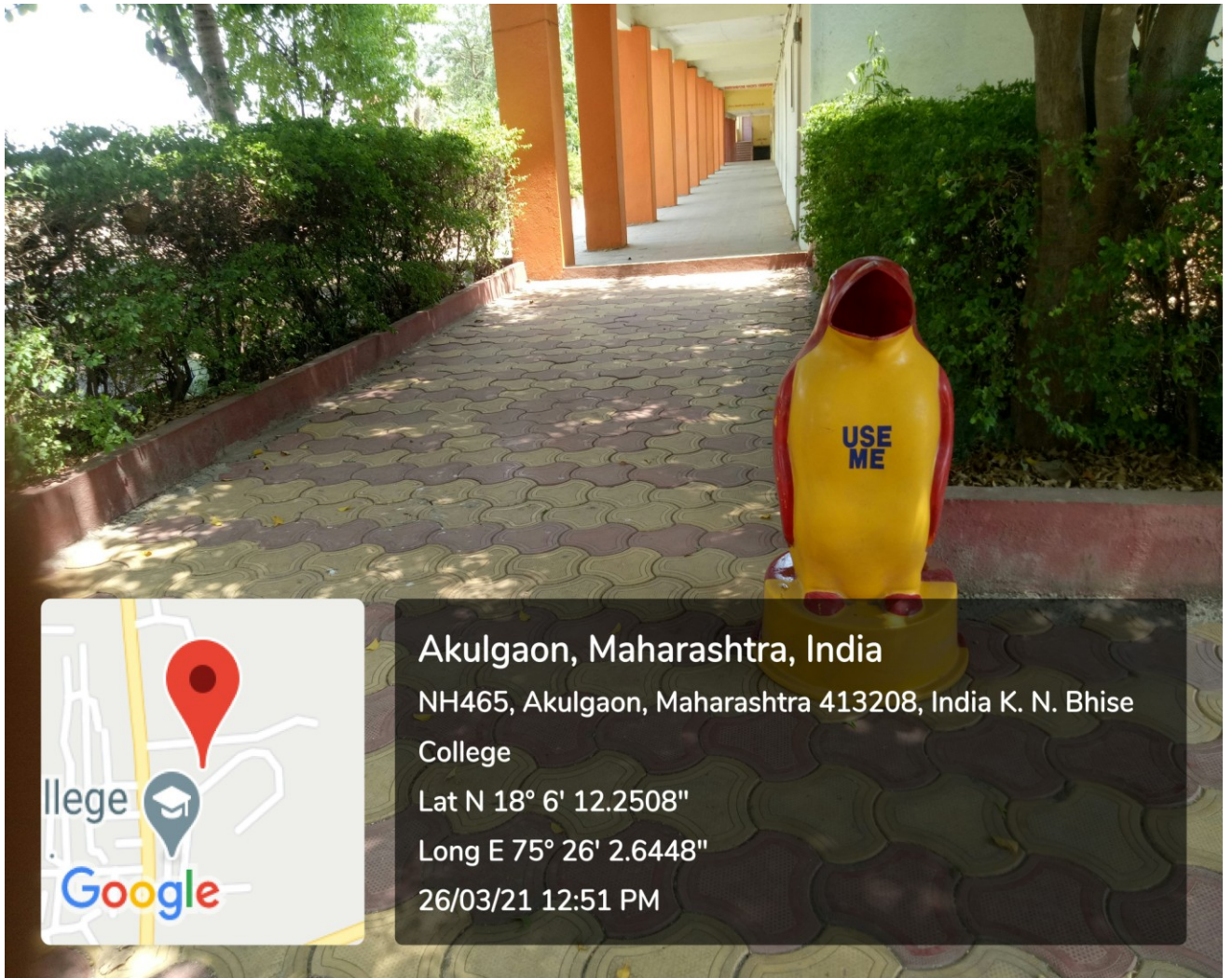
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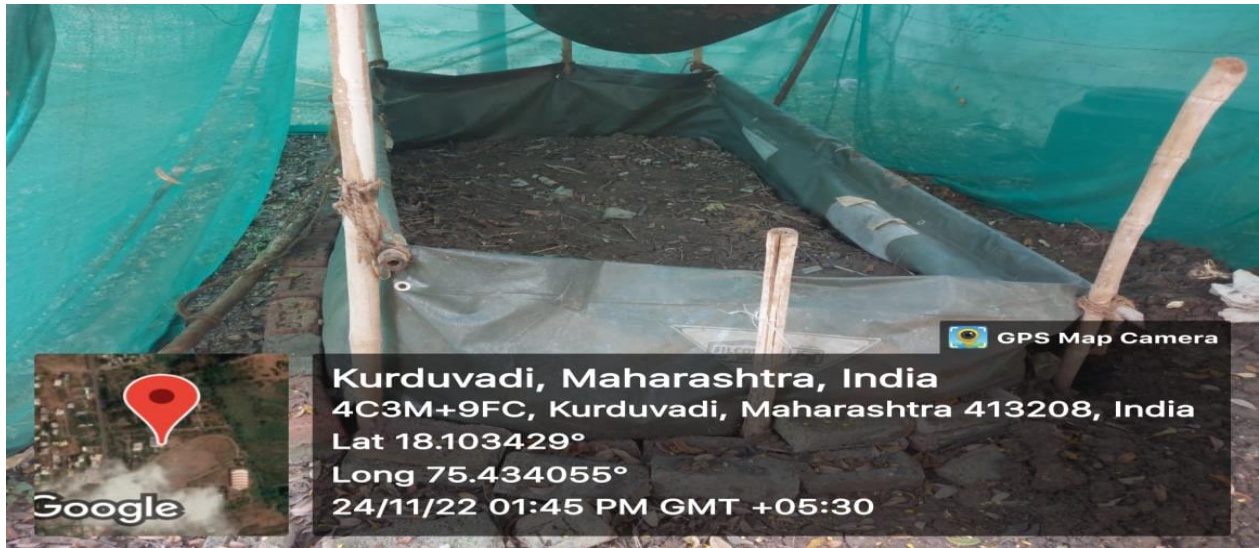
Waste water collection point / Lagooning:







Solid waste treatment: vermiculture plant







GPS Map Camera



Kurduvadi, Maharashtra, India
4C3M+9FC, Kurduvadi, Maharashtra 413208, India
Lat 18.103429°
Long 75.434055°
24/11/22 01:45 PM GMT +05:30



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Solid waste collected and burned



