



'Sangola Taluka Shetkari Shikshan Prasarak Mandal Sangola's

VIDNYAN MAHAVIDYALAYA SANGOLA

(Arts & Science, E.C.S. & B.C.A.)

Tal. Sangola Dist. Solapur Pin. 413 307 (Maharashtra)

(Affiliated to P. A. H. Solapur University)

Off. (02187) 220508

Mob. No. 9421045987

Email : vidnyanms@yahoo.co.in

Website : www.vmssangola.org

Acting Principal : Dr. R. A. Fule
M.A., Ph.D.

Third Cycle Accredited by NAAC
with 'B' Grade (CGPA of 2.24)

Ref. No.

Date : / /20



7.1.2 The Institution has facilities and initiatives for (2020-21)

1) Facility for alternate sources of energy and energy conservation measures by the college are as follows:

1) Solar Energy

2) Sensor based energy conservation (through equipments)

3) Use of LED bulbs

For independent power generation the college has independently purchased and installed a solar panel system of 15 KWh and its feeder system is connected with M.S.E.D.C.L. In the academic year 2022-23, this solar system produced nearly 7000 units. It has been four years since the installation of solar year. Four years ago, the college was getting an electricity bill of fifteen to sixteen thousand every month. Now it has reduced to very little. It is used for all the laboratories, administrative offices and other facilities of the college. Due to this, the loss of nature and the financial savings of the college were also seen. As a further part of this, the college has procured a lot of sensor based equipments in different laboratories which also use electricity properly and also converts energy. LED bulbs are used in all the departments of the college with the objective behind this to save pure and net energy.

Dr. S.S. Dhasade

Coordinator, IQAC

Vidnyan Mahavidyalaya, Sangola

Tal. Sangola Dist. Solapur

Acting Principal

Vidnyan Mahavidyalaya, Sangola

Tal. Sangola Dist. Solapur



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2.Management of the various types of degradable and non degradable waste

3.Water conservation

4.Green campus initiatives

5.Disabled-friendly, barrier free environment

Dr. S.S. Dhasade

Coordinator, IQAC

Vidnyan Mahavidyalaya, Sangola

Tal. Sangola Dist. Solapur

Acting Principal

Vidnyan Mahavidyalaya, Sangola

Tal. Sangola Dist. Solapur

<p>7.1.2</p> <p>QnM</p>	<p><i>The Institution has facilities for alternate sources of energy and energy conservation measures</i></p> <ol style="list-style-type: none"> 1. Solar energy 2. Biogas plant 3. Wheeling to the Grid 4. Sensor-based energy conservation 5. Use of LED bulbs/ power efficient equipment <p>Options:</p> <ol style="list-style-type: none"> A. 4 or All of the above B. Any 3 of the above C. Any 2 of the above D. Any 1 of the above E. None of the above <p>Upload:</p> <ul style="list-style-type: none"> • Geo tagged Photographs • Any other relevant information <p>(Note: Data template is not applicable to this metric)</p>
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1) Solar energy



VIDNYAN MAHAVIDYALAYA, SANGOLA.
Grid connected SOLAR rooftop PV system of capacity
15 KWp - 3 Phase
(TATA Power Solar)

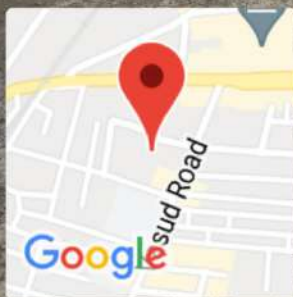
Solar PV Module:		Frame:	
Tata Power Solar Multi Crystalline Solar PV module 320 (72 cells)		Anodized Aluminum Frame with twin wall profile	
Peak Power Pmax	255 Wp	Mechanical load (incl. PNE)	54.00 Pa
Max Voltage Vmp	30.6 V	Maximum series Fuse rating	15 A
Max Current Imp	8.33 A	Solar Inverter: On grid interactive solar inverter transformer less with DC to AC ratio 1:1	
Open circuit voltage Voc	37.8 V	Warranty: 25 years of performance warranty	
Short circuit current Isc	8.8 A	Price:	Rs. 9,13,500/-
Module efficiency	15.7 %	Distributor:	Tata Marketing, 685 Chali Galli, Solapur - 413002
Mechanical Data:		Tel: (0217) 2524986	
Length X width X height	1640 X 992 X 40 mm (64.57 X 39.45 X 1.57 inch)	Mobile no. 9570420153	
Weight	18.50 kg		
Cells No.	60 polycrystalline solar cells		

Sangola, Maharashtra, India
Vasud Road, Kadlas Naka, Sangola, Maharashtra 413307, India
Lat 17.432542°
Long 75.187469°
07/12/21 08:50 AM

GPS Map Camera



GPS Map Camera



Sangola, Maharashtra, India

Vasud Road, Kadlas Naka, Sangola, Maharashtra 413307, India

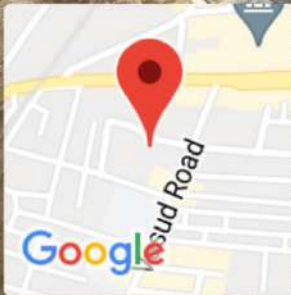
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GPS Map Camera



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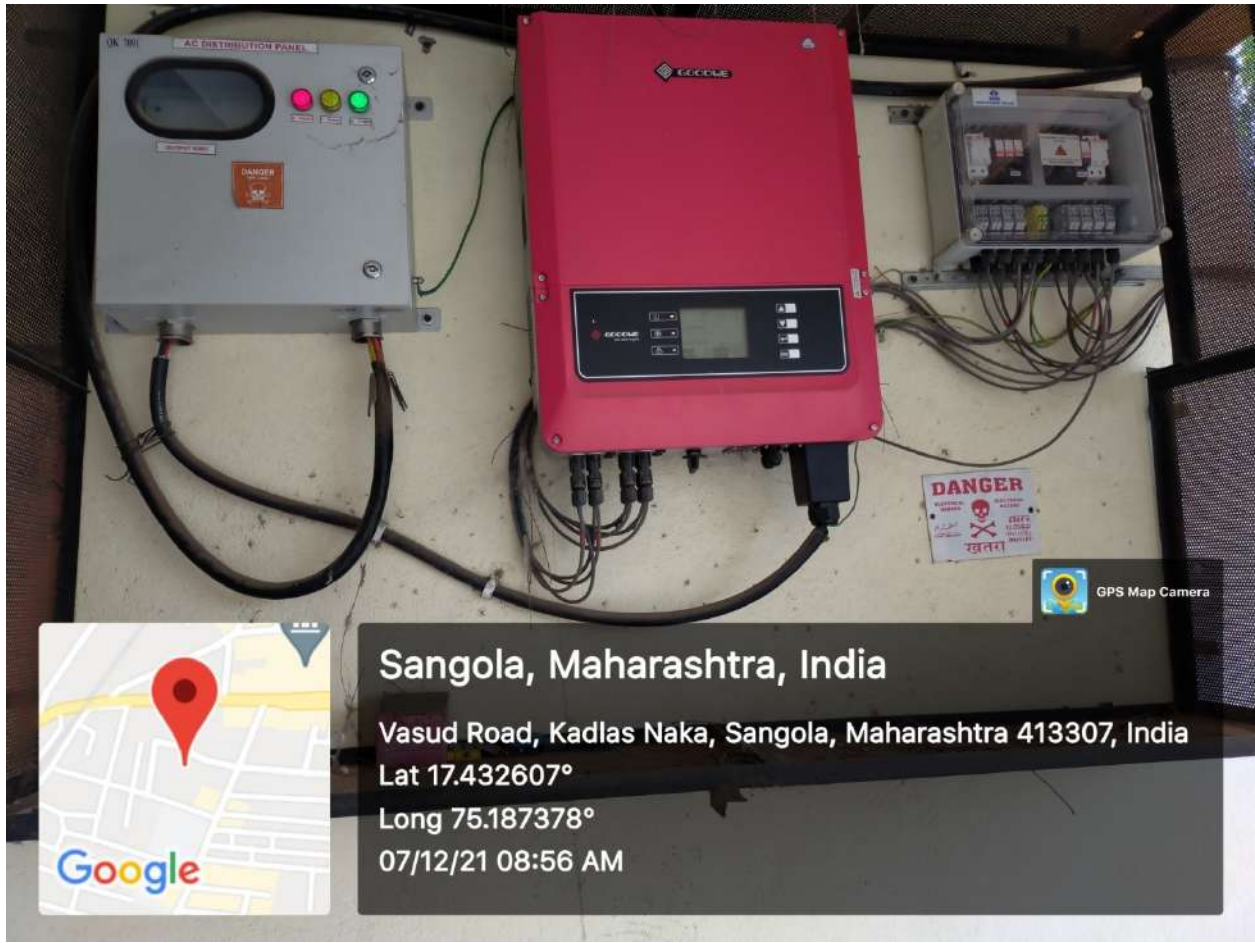
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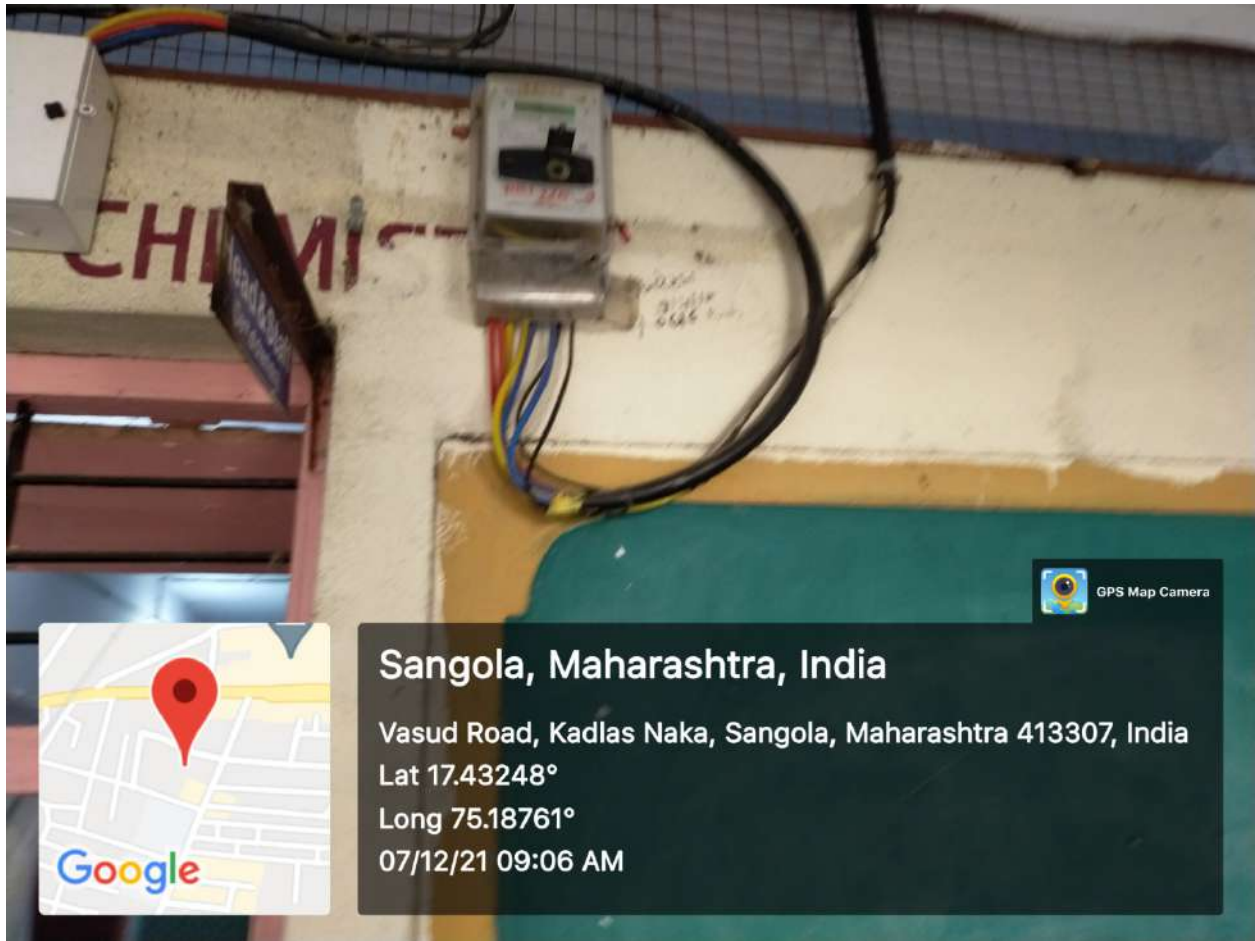
C5MP+CV4, Sangola, Maharashtra 413307, India

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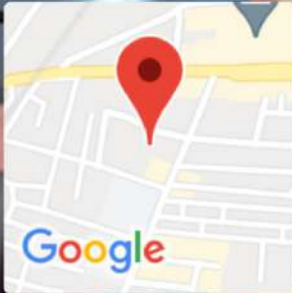
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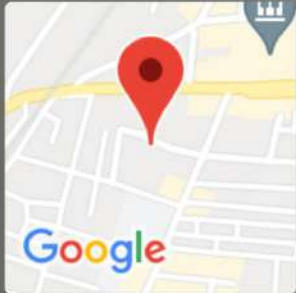
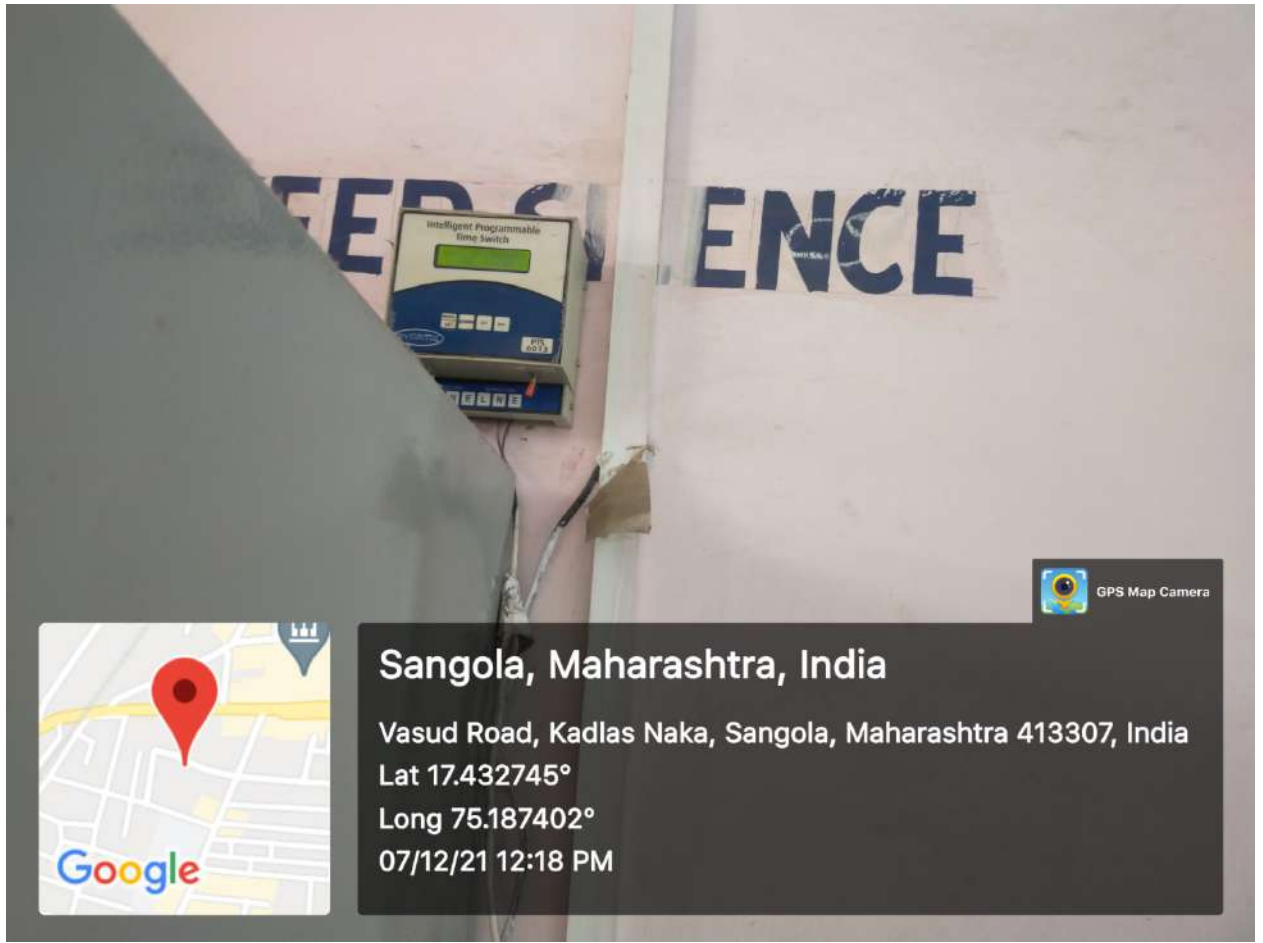


2) Sensor-based energy conservation

In college campus and in laboratory we are using some sensor based equipments.

➤ College Bell





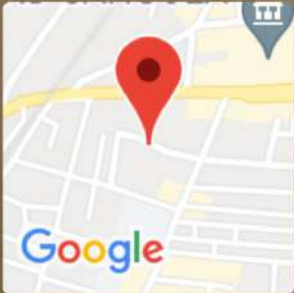
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Vasud Road, Kadlas Naka, Sangola, Maharashtra 413307, India

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Long 75.187402°

07/12/21 12:18 PM



Sangola, Maharashtra, India

Vasud Road, Kadlas Naka, Sangola, Maharashtra 413307, India

Lat 17.43281°

Long 75.18741°

07/12/21 12:18 PM



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3) Use of LED bulbs/ power efficient equipment





Sangola, Maharashtra, India

Vasud Road, Kadlas Naka, Sangola, Maharashtra 413307, India

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Long 75.187789°

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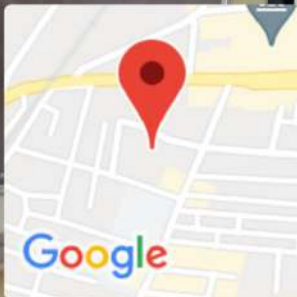


VIDNYAN MAHAVIDYALAYA, SANGOLA
Department of Computer Science
General Instructions

Always be UNIFORM and being kind when you enter the Laboratory.
All users should record the use of computers in the computer lab register.
Please keep your machine in Sleep mode.
Do not try to repair equipment yourself. You should report this to the lab supervisor.
Please keep the lab neat, clean up any messes, and leave equipment and furniture properly arranged.
Programs (e.g. Virus Chat) may NOT be downloaded and installed to the Internet.
In the Internet property-only approved sites.
Students are not allowed on the open access lab when they have lectures, not eat or drink in the Computer lab.
Leave away all of your garbage when you leave.
You are the last person to leave the room then Please turn off the lights.
You are responsible for the lab.
If all of the computer when you are done.
Please can be connected or disconnected in our lab, with the use of USB drives.
Computer games is Prohibited.
Please polite, and show respect to other student's and staff.



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Sangola, Maharashtra, India

BLOCK No-11, 12

Vasud Road, Kadlas Naka, Sangola, Maharashtra 413307, India

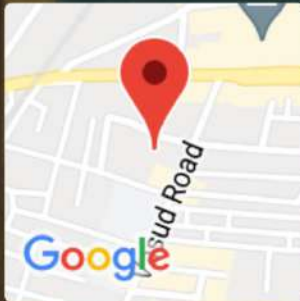
Lat 17.432565°

Long 75.187419°

07/12/21 08:47 AM

* Viscosity by Rotating Cylinder method →

$$\eta = \frac{(\tau - \tau')}{(\lambda - \lambda')} \cdot \frac{1}{4\pi h \lambda} \cdot \left(\frac{R_2^2 - R_1^2}{R_2^2 R_1^2} \right)$$



Sangola, Maharashtra, India

Vasud Road, Kadlas Naka, Sangola, Maharashtra 413307, India

Lat 17.432501°

Long 75.18764°

07/12/21 08:45 AM



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Sangola, Maharashtra, India

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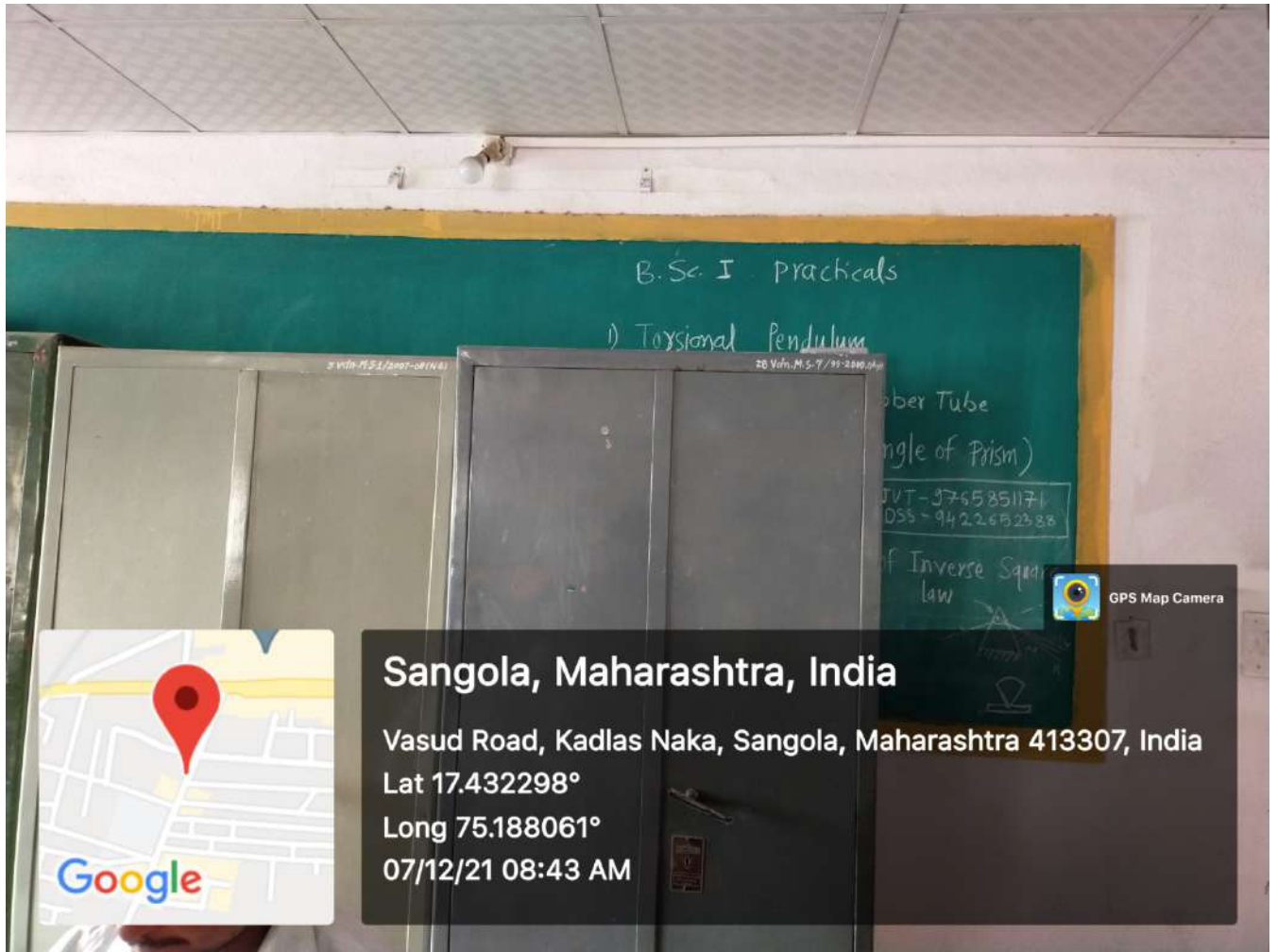
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B.Sc. I Practicals

1) Torsional Pendulum

Rubber Tube

Angle of Prism)

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DSS-9422652388

of Inverse Square
Law



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Sangola, Maharashtra, India

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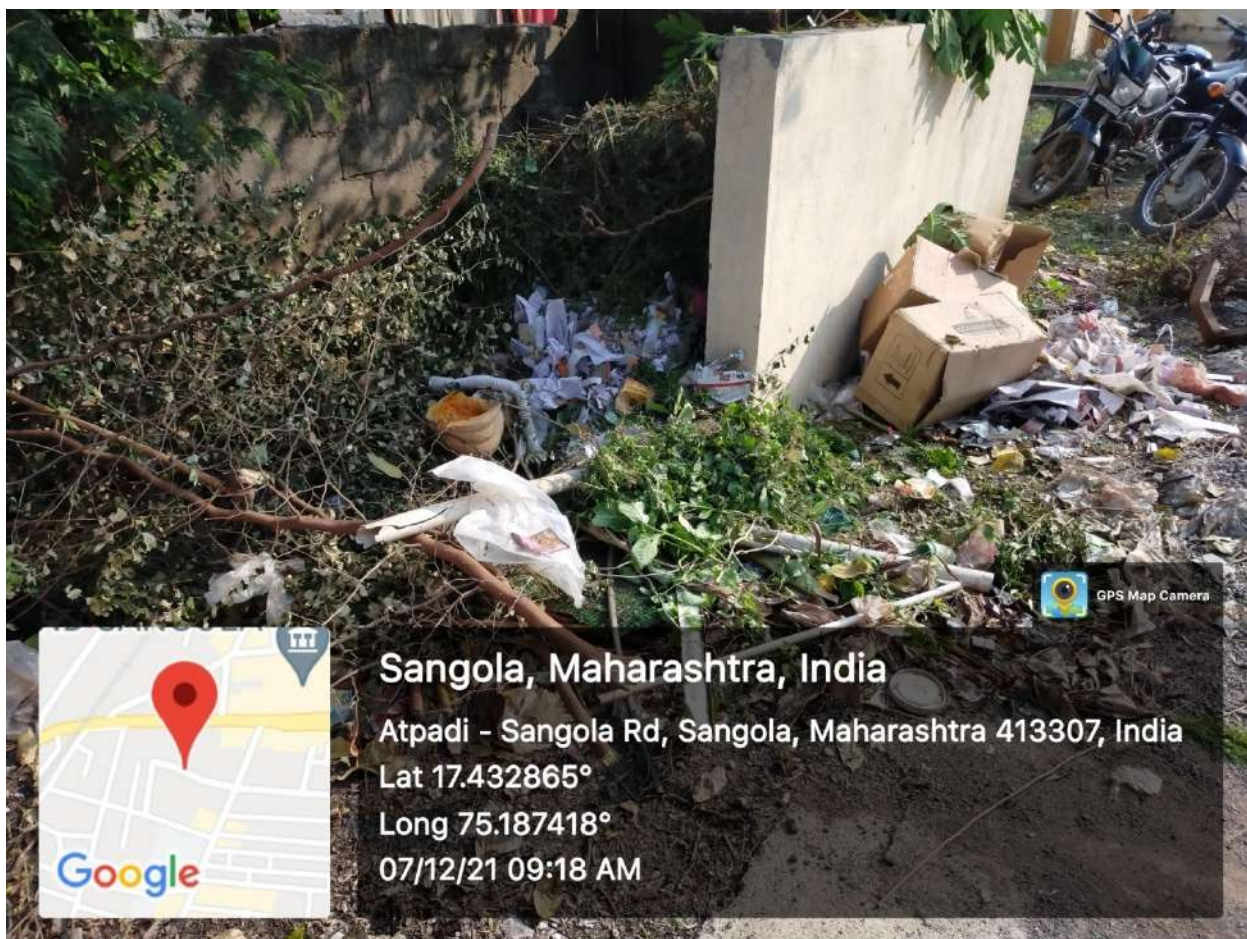
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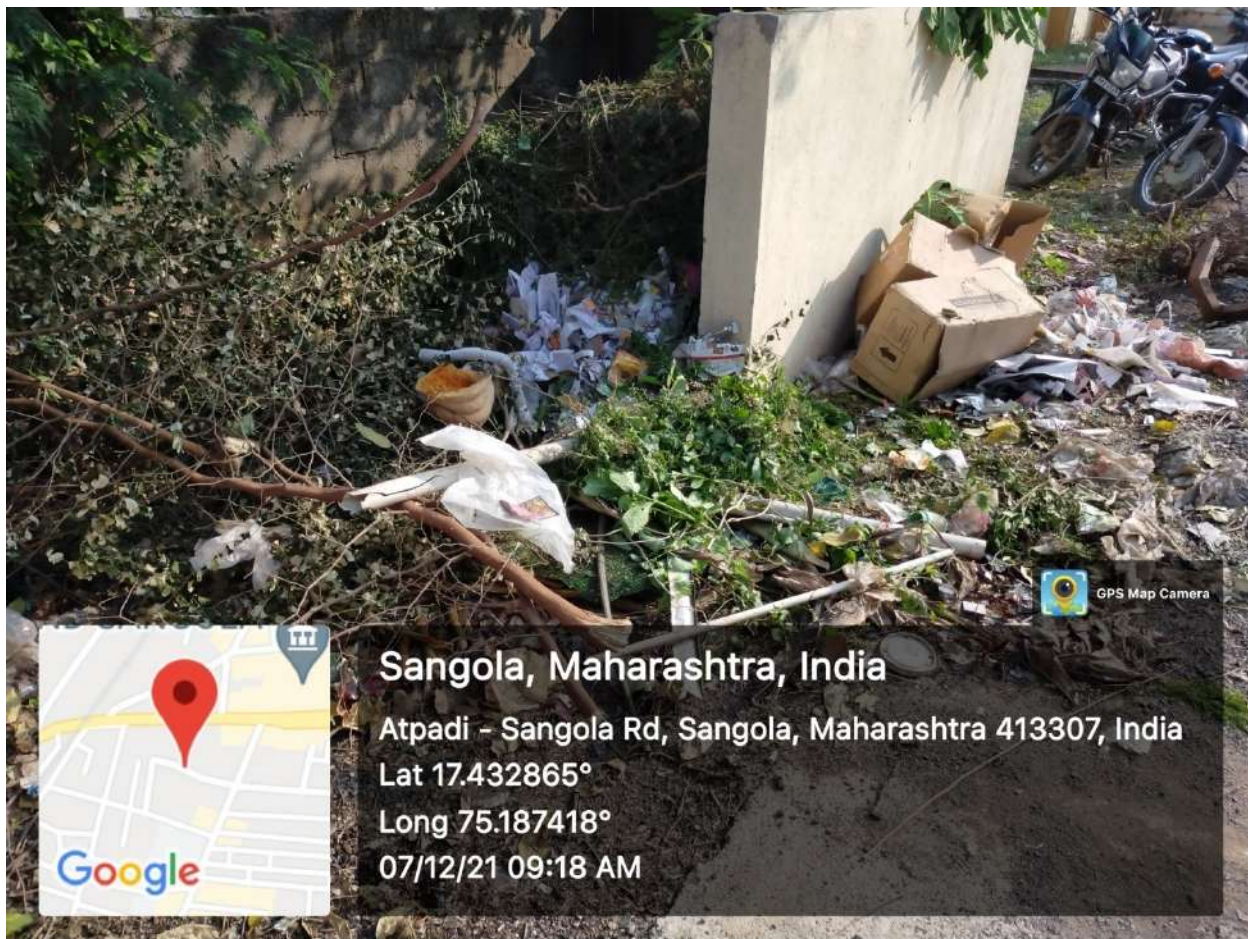
<p>7.1.3</p> <p>QIM</p>	<p><i>Describe the facilities in the Institution for the management of the following types of degradable and non-degradable waste (within 200 words)</i></p> <ul style="list-style-type: none"> • Solid waste management • Liquid waste management • Biomedical waste management • E-waste management • Waste recycling system • Hazardous chemicals and radioactive waste management <p>Provide web link to</p> <ul style="list-style-type: none"> • Relevant documents like agreements/MoUs with Government and other approved agencies • Geo tagged photographs of the facilities • Any other relevant information
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➤ Geo tagged photographs of the facilities

1) Solid Waste management







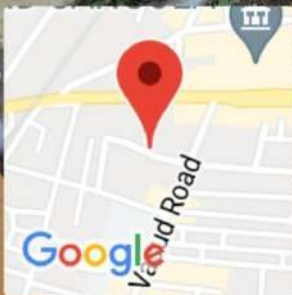
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Atpadi - Sangola Rd, Sangola, Maharashtra 413307, India

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07/12/21 09:18 AM



Sangola, Maharashtra, India

Vasud Road, Kadlas Naka, Sangola, Maharashtra 413307, India

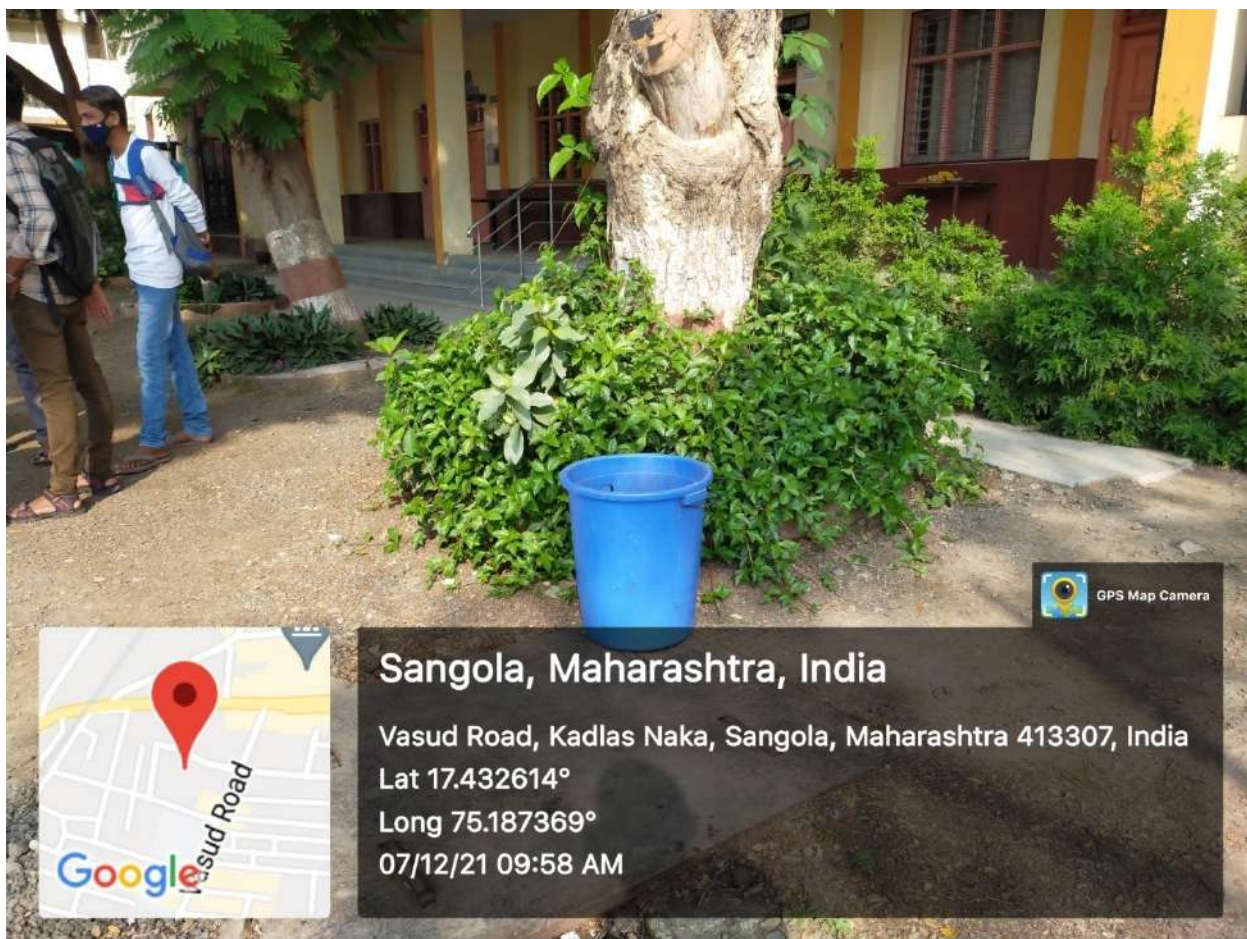
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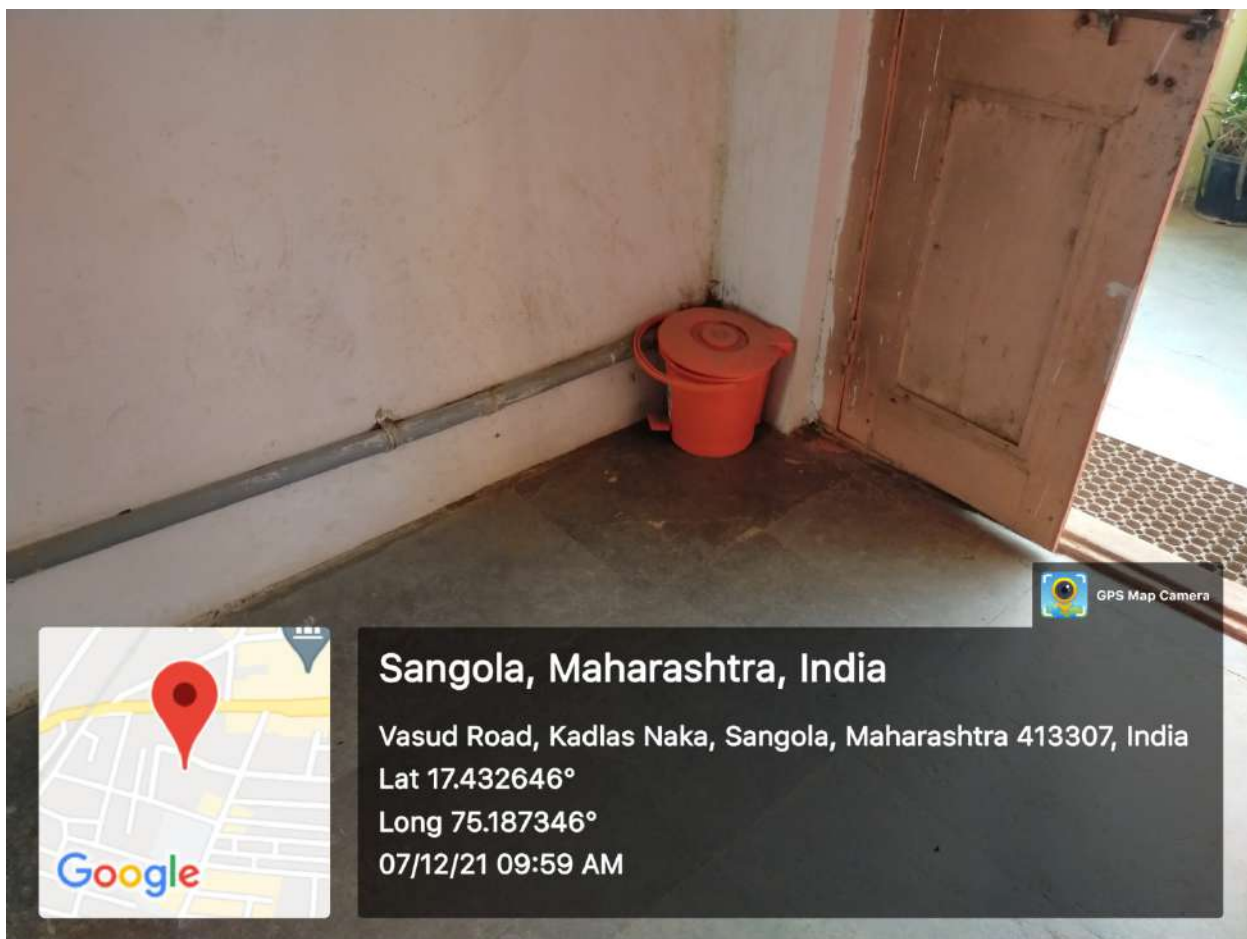
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Sangola, Maharashtra, India

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Sangola, Maharashtra, India

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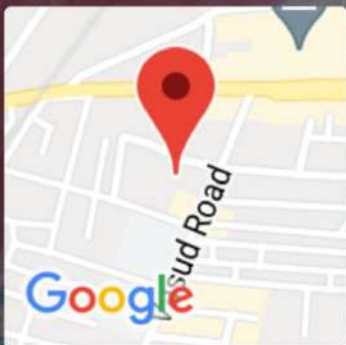
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Vasud Road, Kadlas Naka, Sangola, Maharashtra

413307, India

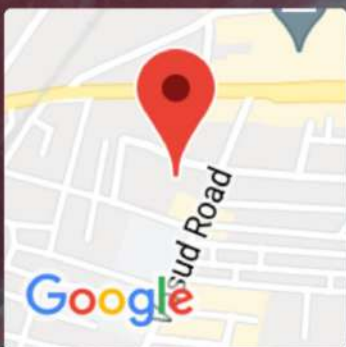
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Sangola, Maharashtra, India

Vasud Road, Kadlas Naka, Sangola, Maharashtra

413307, India

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Long 75.187645°

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Sangola, Maharashtra, India

Vasud Road, Kadlas Naka, Sangola, Maharashtra 413307, India

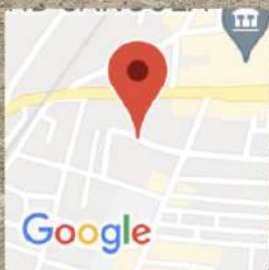
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Sangola, Maharashtra, India

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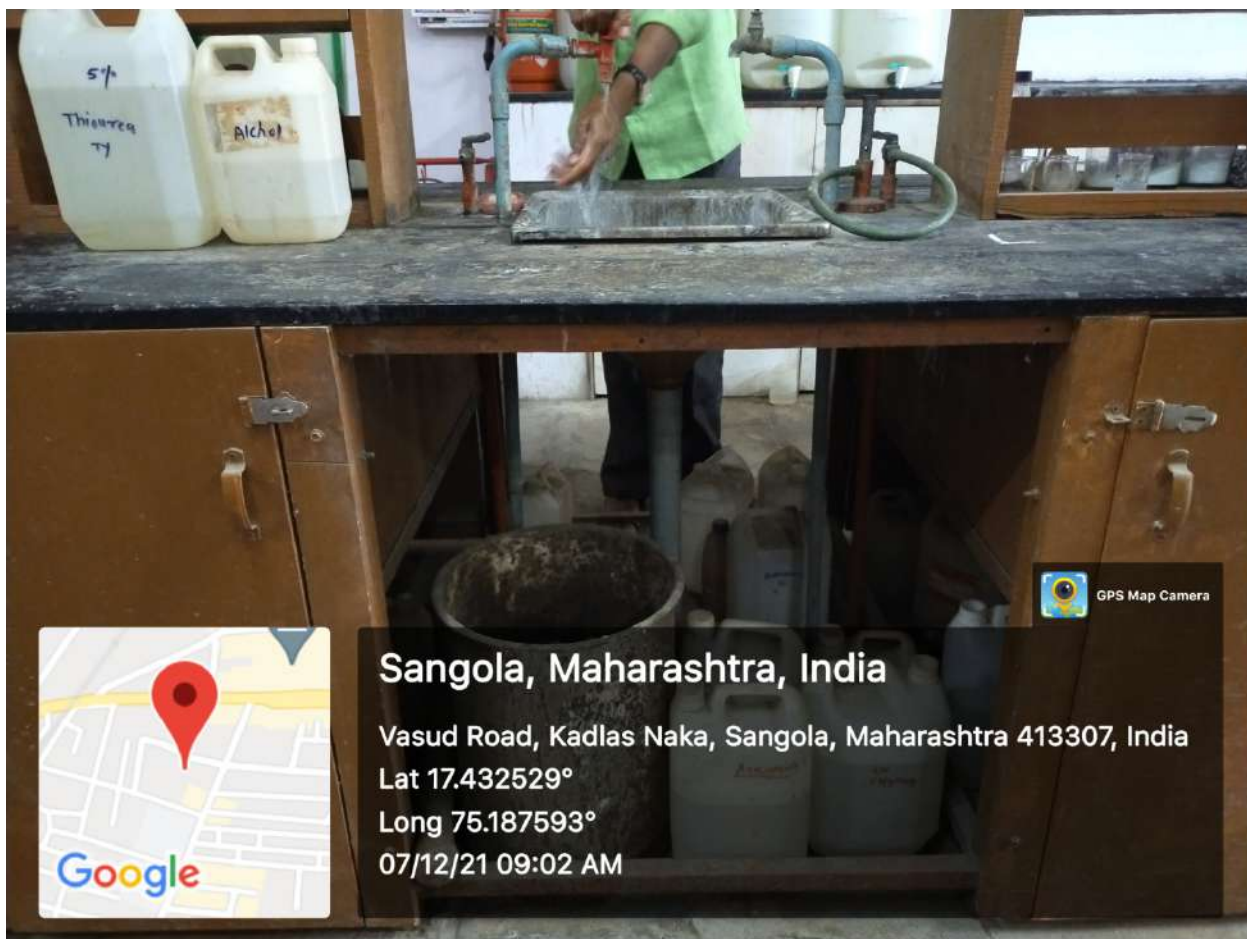
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2) Liquid Waste management





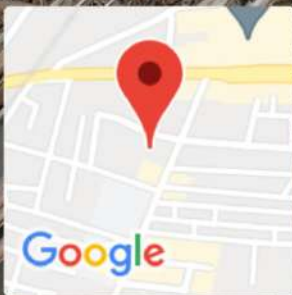
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Sangola, Maharashtra, India

Vasud Road, Kadlas Naka, Sangola, Maharashtra 413307, India

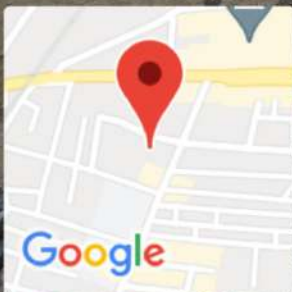
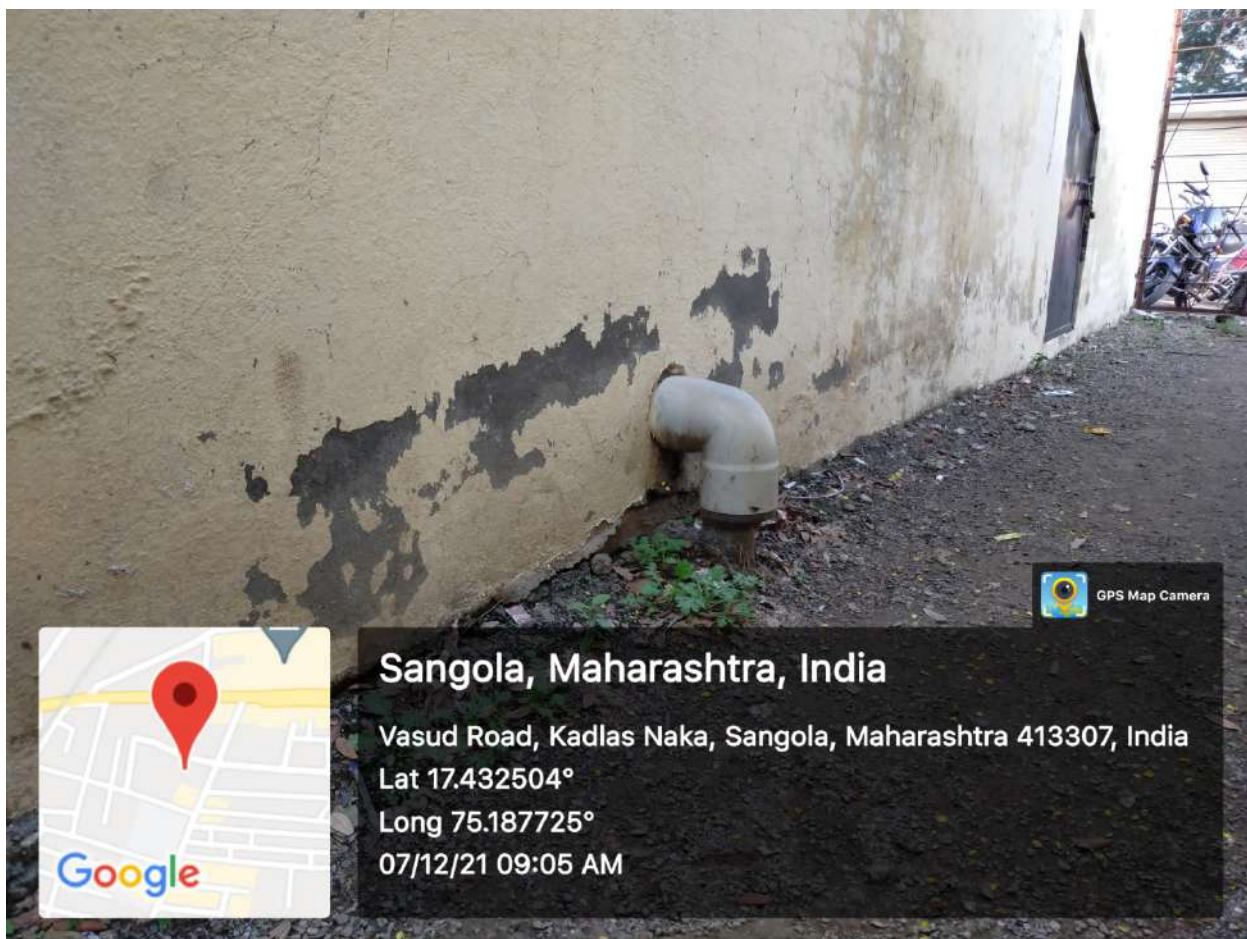
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07/12/21 09:04 AM



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Sangola, Maharashtra, India

Vasud Road, Kadlas Naka, Sangola, Maharashtra 413307, India

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07/12/21 09:05 AM



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Sangola, Maharashtra, India

Vasud Road, Kadlas Naka, Sangola, Maharashtra 413307, India

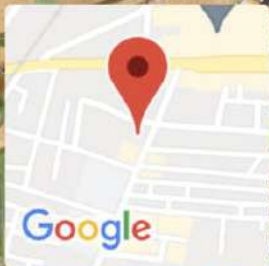
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GPS Map Camera



Sangola, Maharashtra, India

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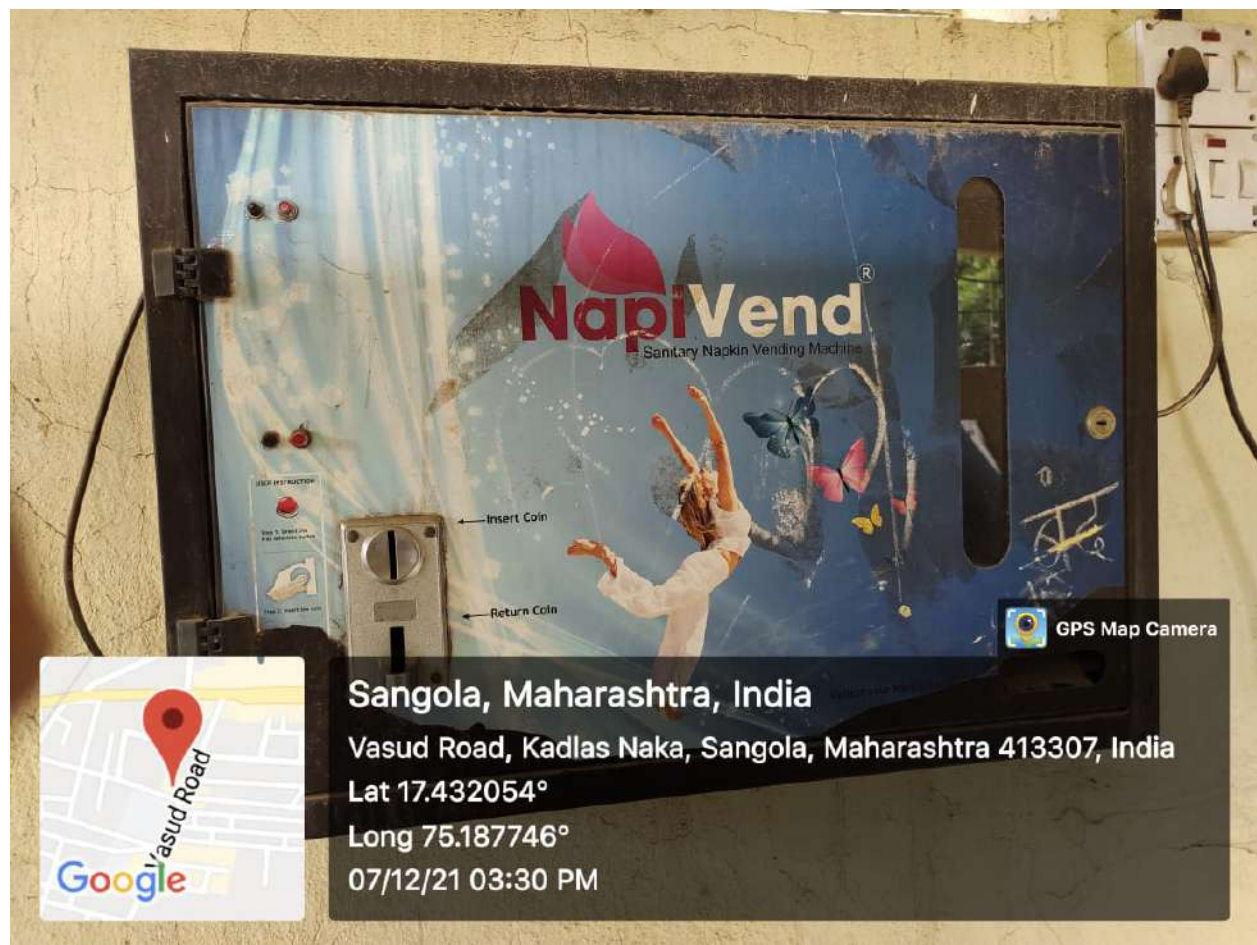
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Long 75.187909°

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3) Biomedical Waste management:





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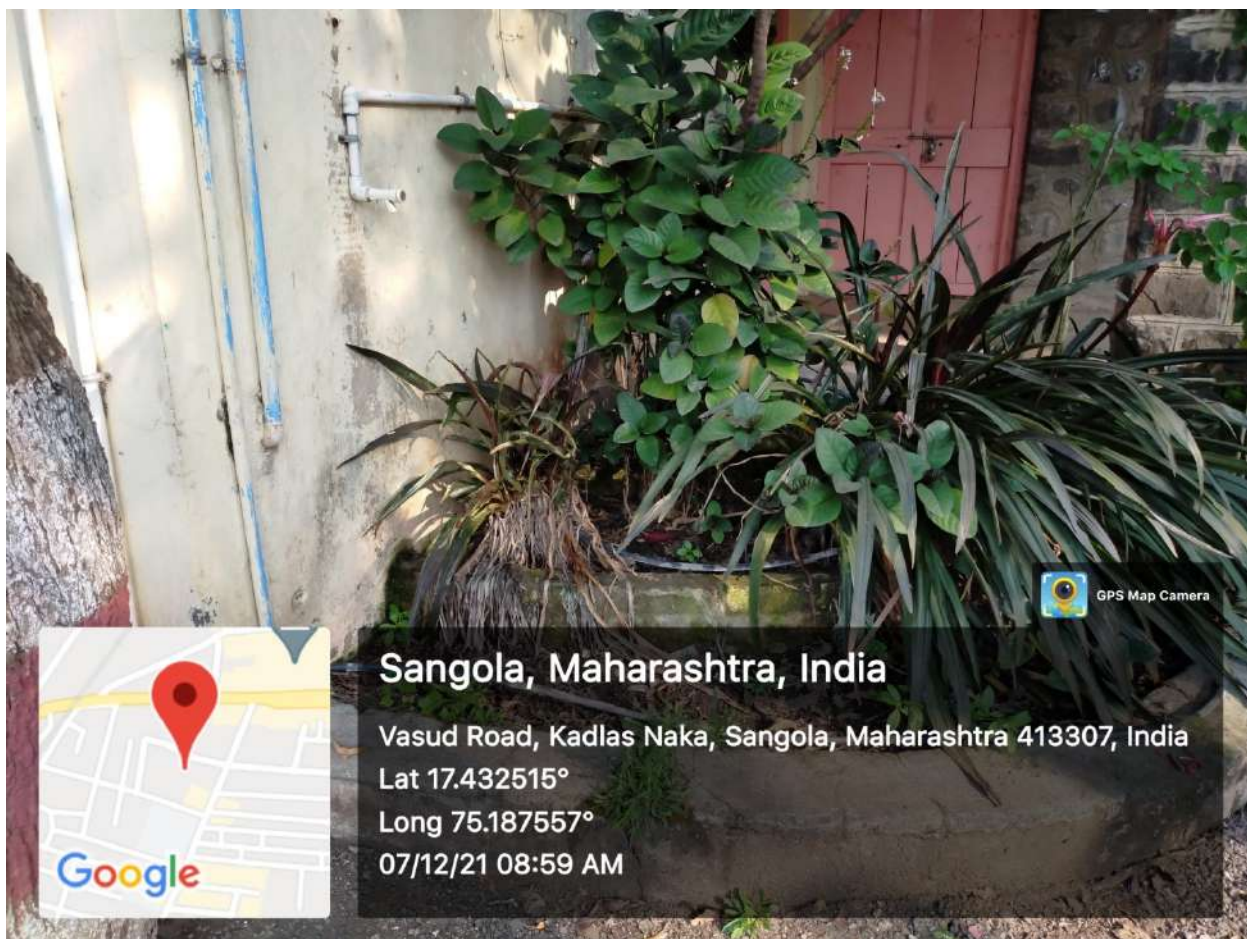
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Long 75.187746°

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4) Waste water recycling system:





Sangola, Maharashtra, India

Vasud Road, Kadlas Naka, Sangola, Maharashtra 413307, India

Lat 17.432515°

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07/12/21 08:59 AM



Sangola, Maharashtra, India

Vasud Road, Kadlas Naka, Sangola, Maharashtra 413307, India

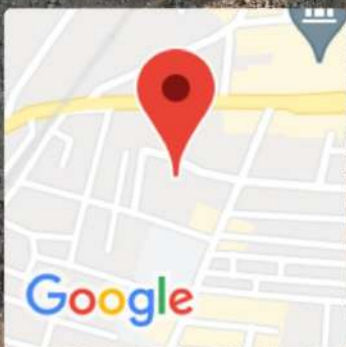
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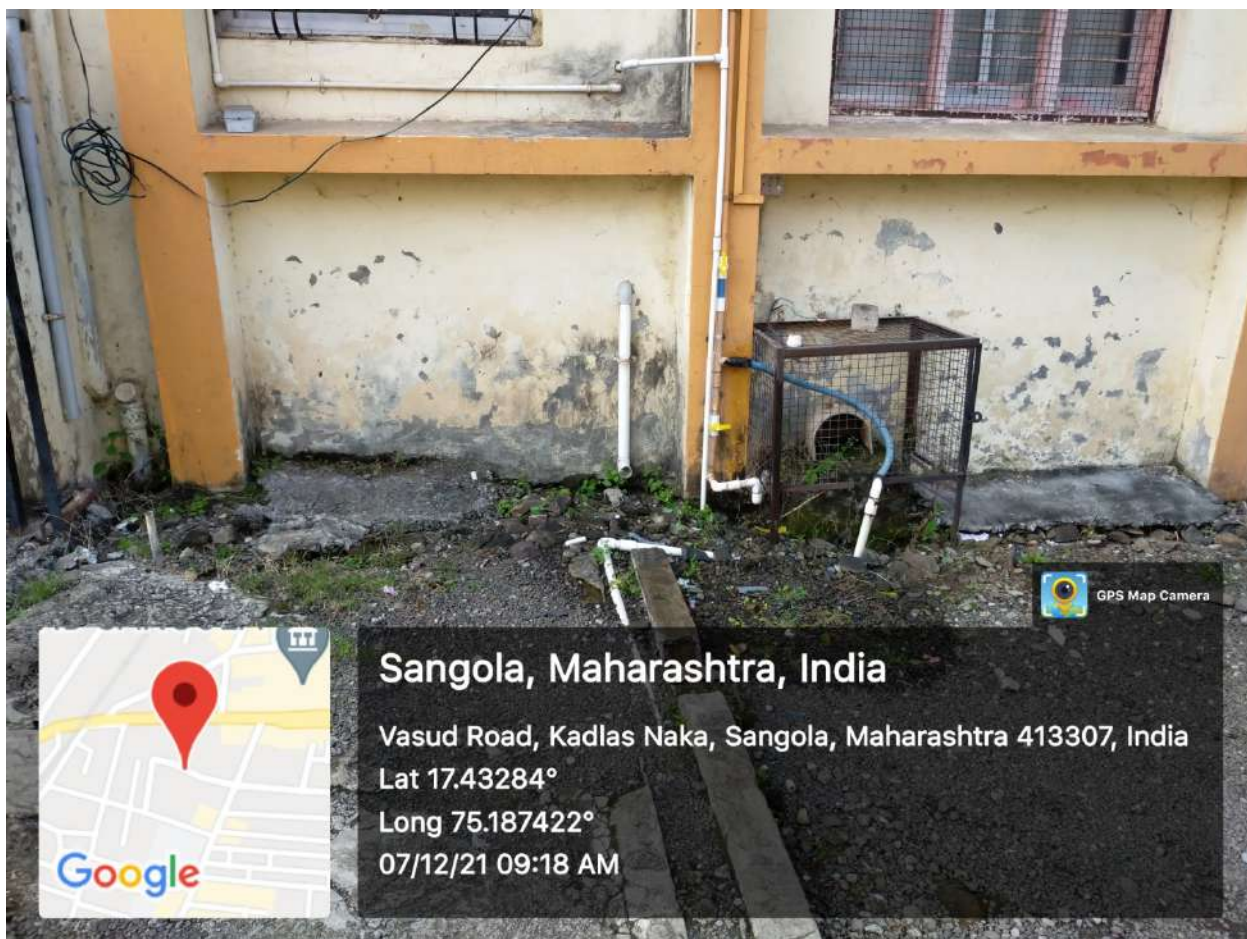
Vasud Road, Kadlas Naka, Sangola, Maharashtra

413307, India

Lat 17.432647°

Long 75.18737°

07/12/21 09:15 AM



Sangola, Maharashtra, India

Vasud Road, Kadlas Naka, Sangola, Maharashtra 413307, India

Lat 17.43284°

Long 75.187422°

07/12/21 09:18 AM

7.1.4	<i>Water conservation facilities available in the Institution:</i>
Q _n M	<ol style="list-style-type: none"> 1. Rain water harvesting 2. Bore well /Open well recharge 3. Construction of tanks and bunds 4. Waste water recycling 5. Maintenance of water bodies and distribution system in the campus <p>Options:</p> <ol style="list-style-type: none"> A. Any 4 or all of the above B. Any 3 of the above C. Any 2 of the above D. Any 1 of the above E. None of the above <p>Upload :</p> <ul style="list-style-type: none"> • Geotagged photographs / videos of the facilities • Any other relevant information <p>(Note: Data template is not applicable to this metric)</p>

1) Rain water harvesting





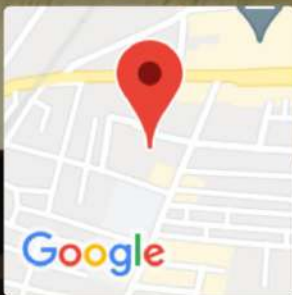
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Sangola, Maharashtra, India

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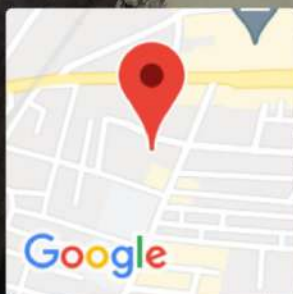
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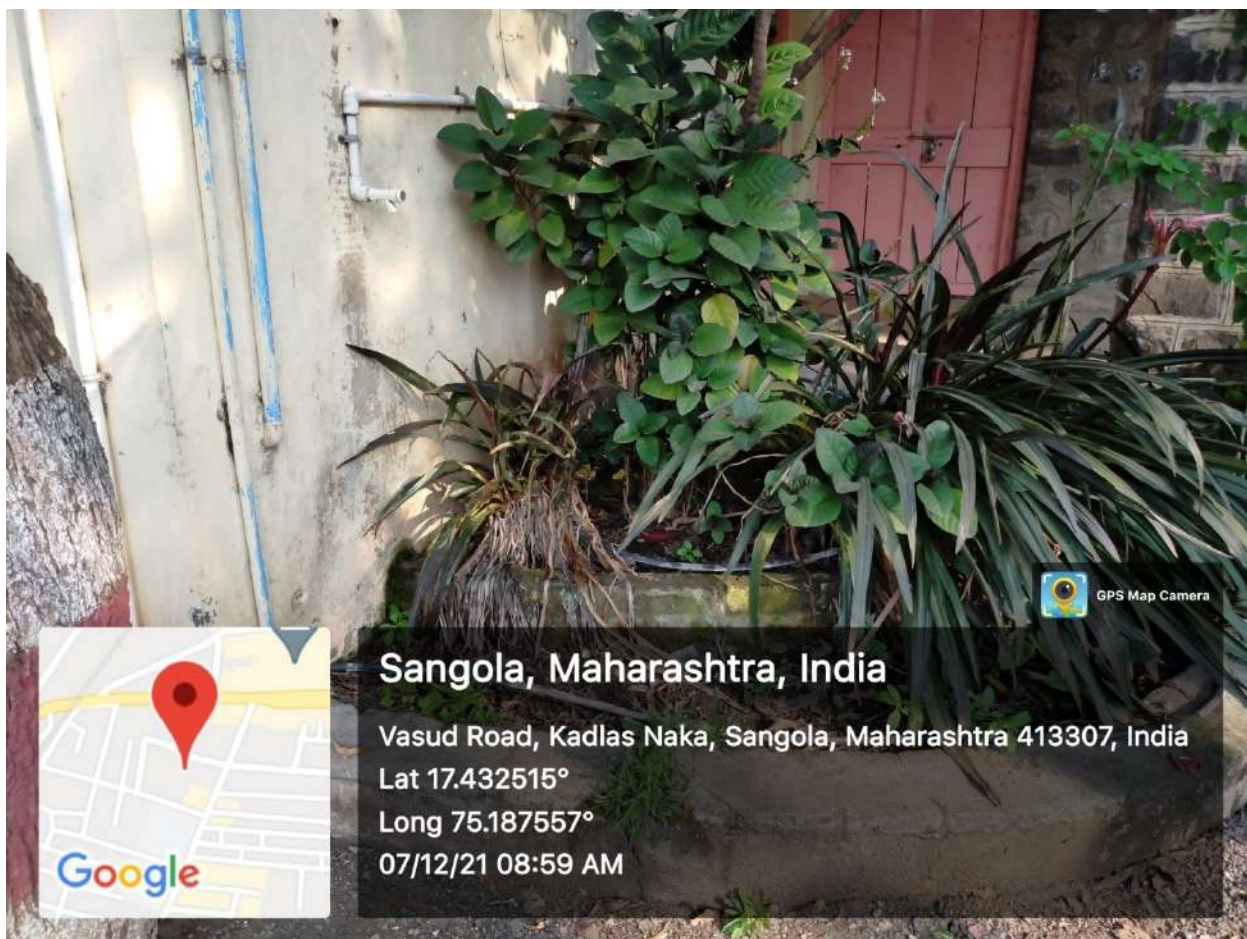
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2) Waste water recycling





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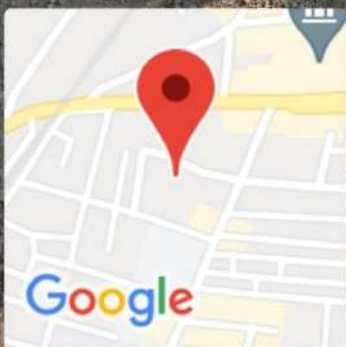
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Sangola, Maharashtra, India

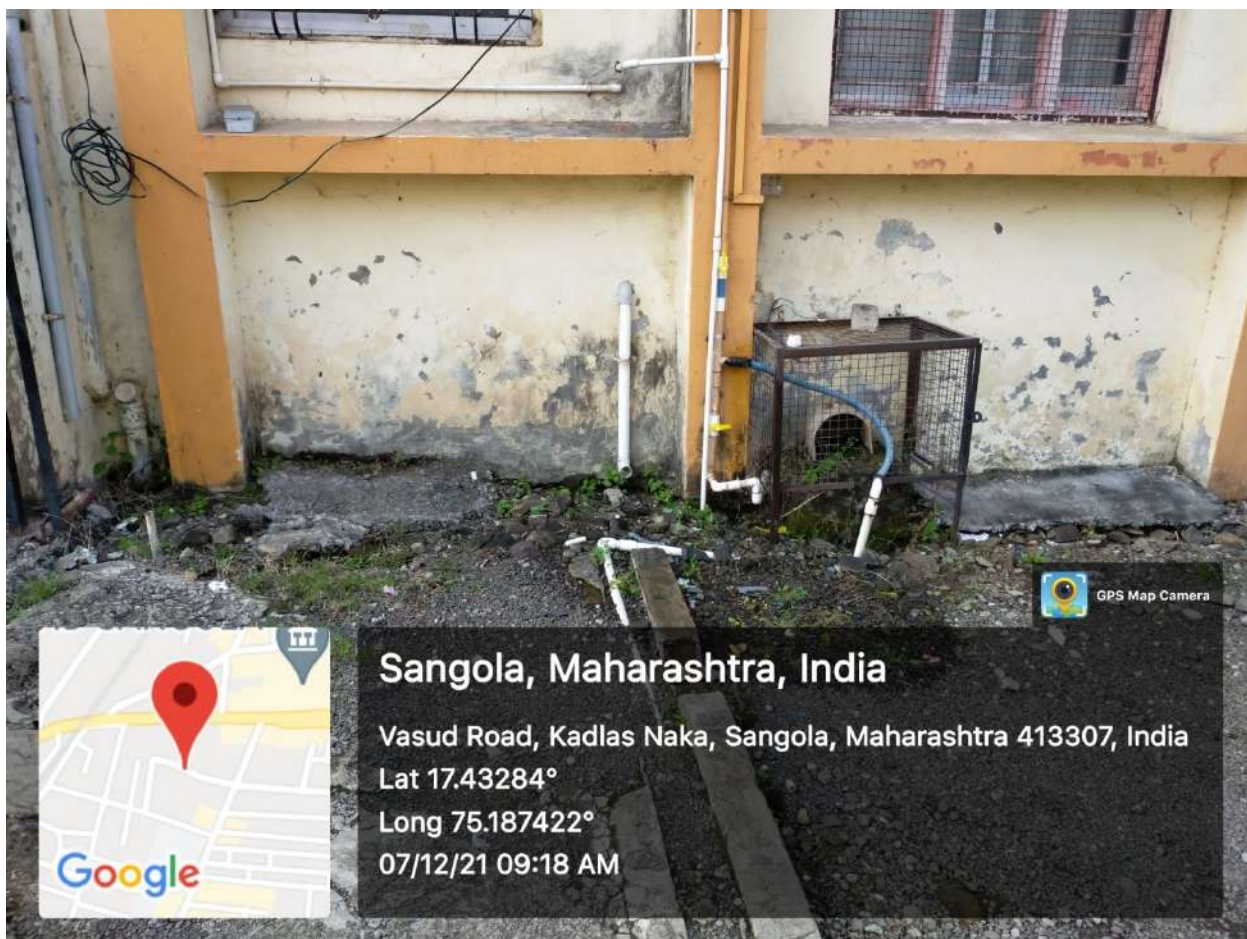
Vasud Road, Kadlas Naka, Sangola, Maharashtra

413307, India

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Sangola, Maharashtra, India

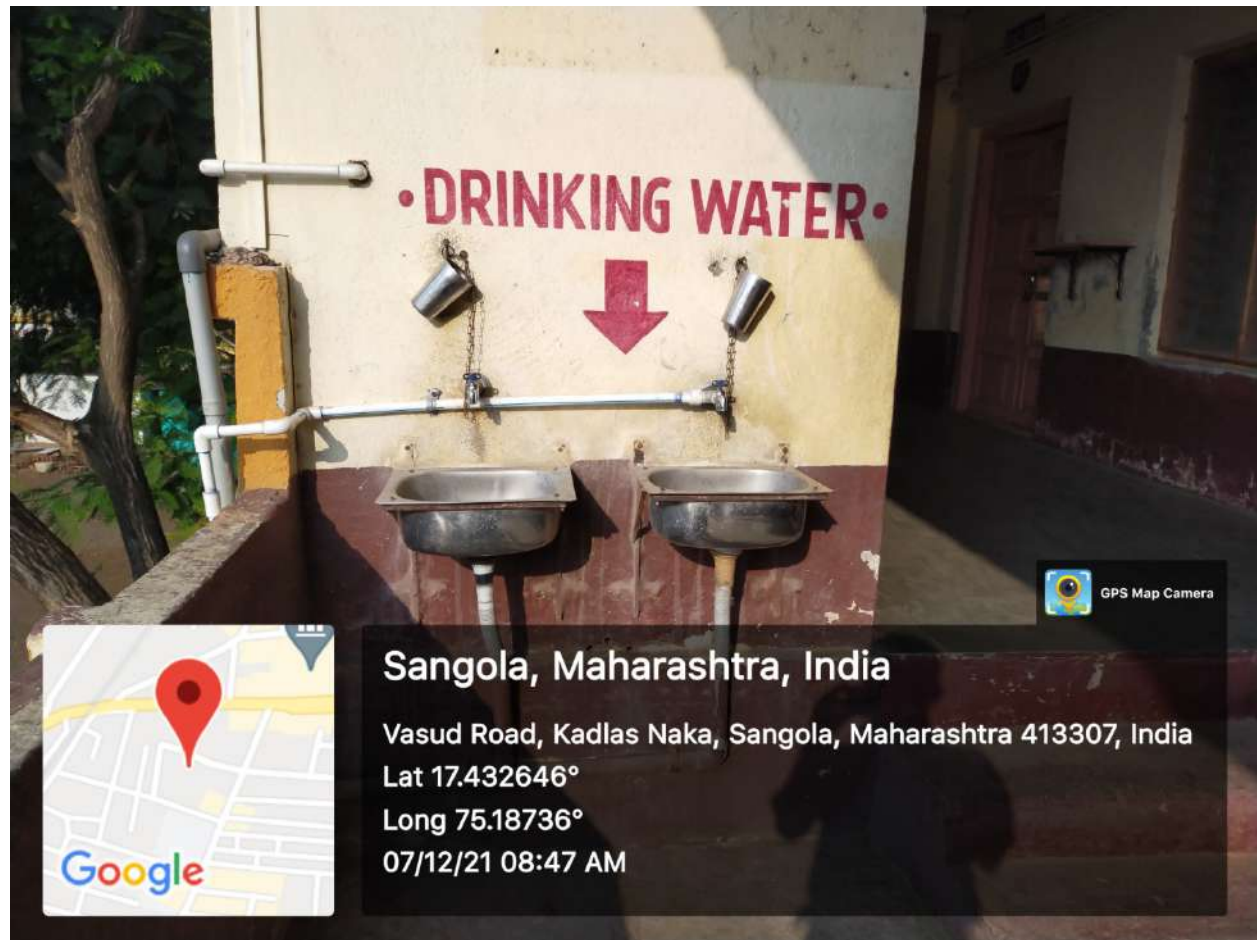
Vasud Road, Kadlas Naka, Sangola, Maharashtra 413307, India

Lat 17.43284°

Long 75.187422°

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3) Maintenance of water bodies and distribution system in the campus





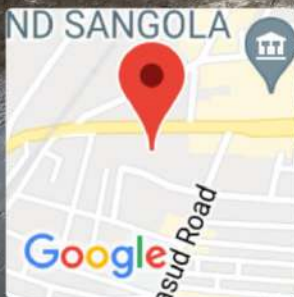
Sangola, Maharashtra, India

Vasud Road, Kadlas Naka, Sangola, Maharashtra 413307, India

Lat 17.432646°

Long 75.18736°

07/12/21 08:47 AM



Sangola, Maharashtra, India
C5MP+CV4, Sangola, Maharashtra 413307, India
Lat 17.433257°
Long 75.187407°
07/12/21 08:51 AM





Sangola, Maharashtra, India

Vasud Road, Kadlas Naka, Sangola, Maharashtra 413307, India

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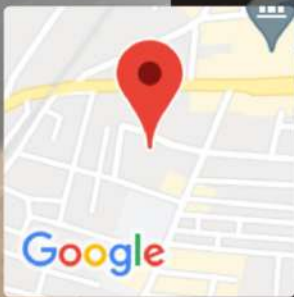
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Vasud Road, Kadlas Naka, Sangola, Maharashtra 413307, India

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Sangola, Maharashtra, India

Vasud Road, Kadlas Naka, Sangola, Maharashtra 413307, India

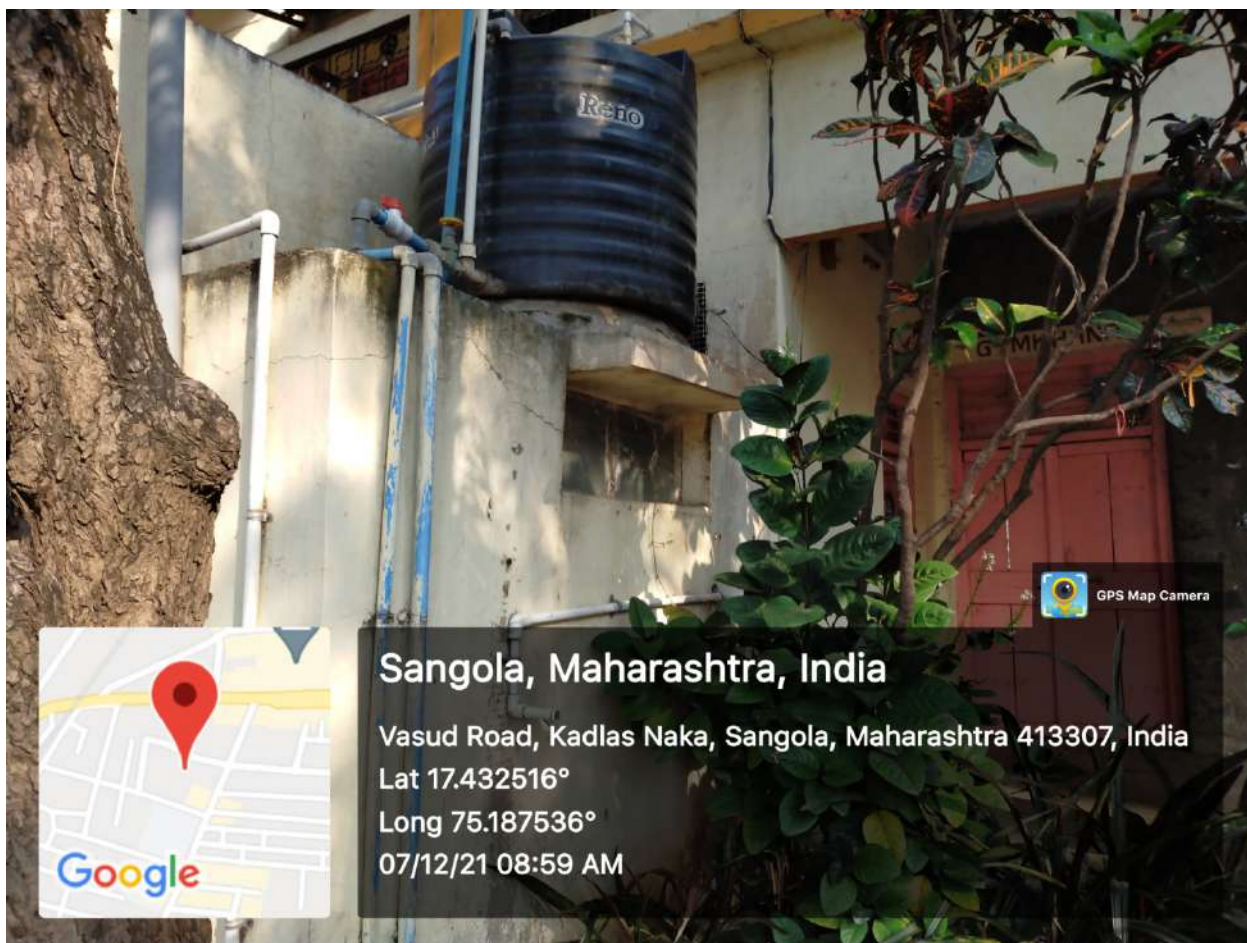
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Sangola, Maharashtra, India

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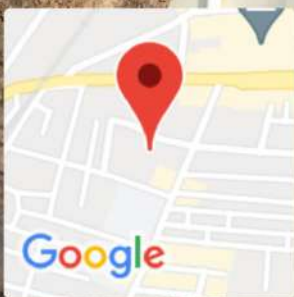
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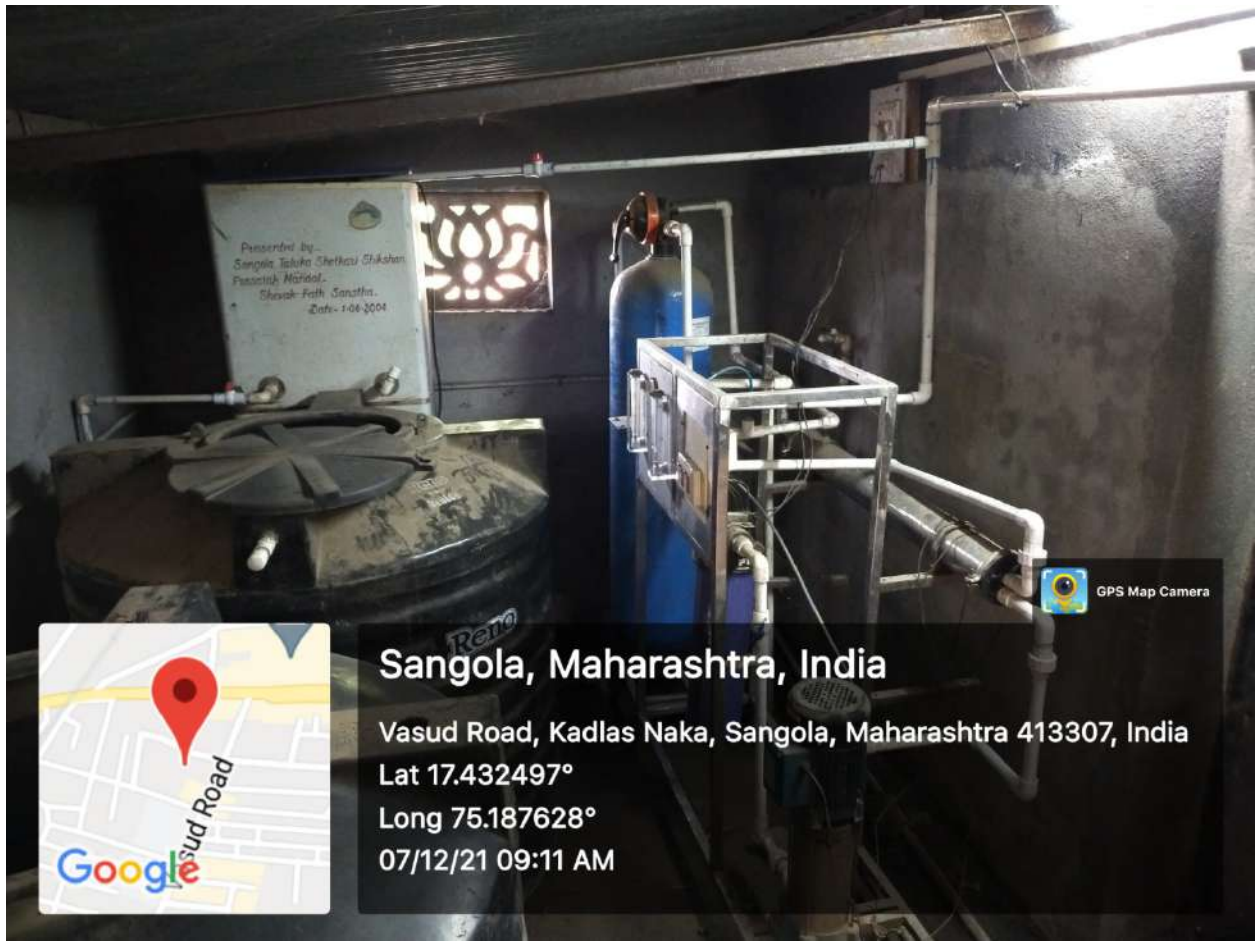
Long 75.187536°

07/12/21 08:59 AM



GPS Map Camera





Sangola, Maharashtra, India

Vasud Road, Kadlas Naka, Sangola, Maharashtra 413307, India

Lat 17.432497°

Long 75.187628°

07/12/21 09:11 AM



Sangola, Maharashtra, India

Vasud Road, Kadlas Naka, Sangola, Maharashtra 413307, India

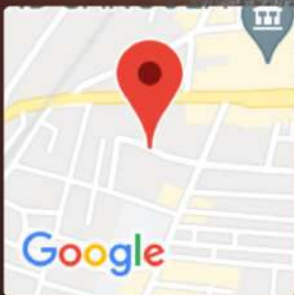
Lat 17.432836°

Long 75.187428°

07/12/21 09:17 AM



GPS Map Camera



Sangola, Maharashtra, India

Vasud Road, Kadlas Naka, Sangola, Maharashtra 413307, India

Lat 17.432836°

Long 75.187428°

07/12/21 09:18 AM

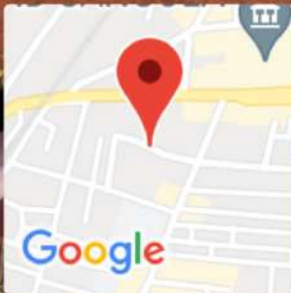


GPS Map Camera

WATER TANK



GPS Map Camera



Sangola, Maharashtra, India

Vasud Road, Kadlas Naka, Sangola, Maharashtra 413307, India

Lat 17.432832°

Long 75.187467°

07/12/21 09:19 AM



Sangola, Maharashtra, India

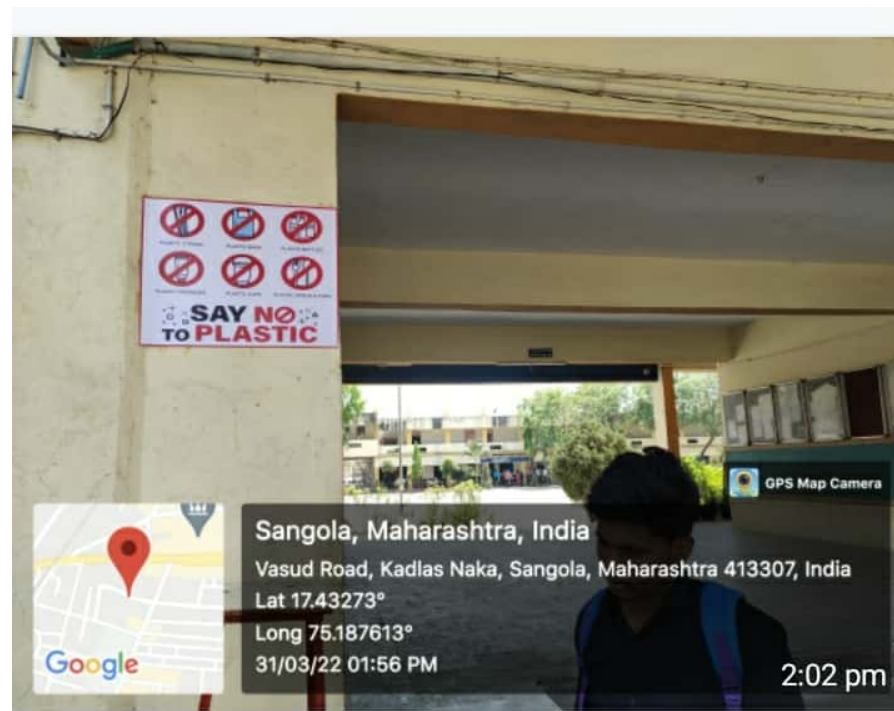
Vasud Road, Kadlas Naka, Sangola, Maharashtra 413307, India

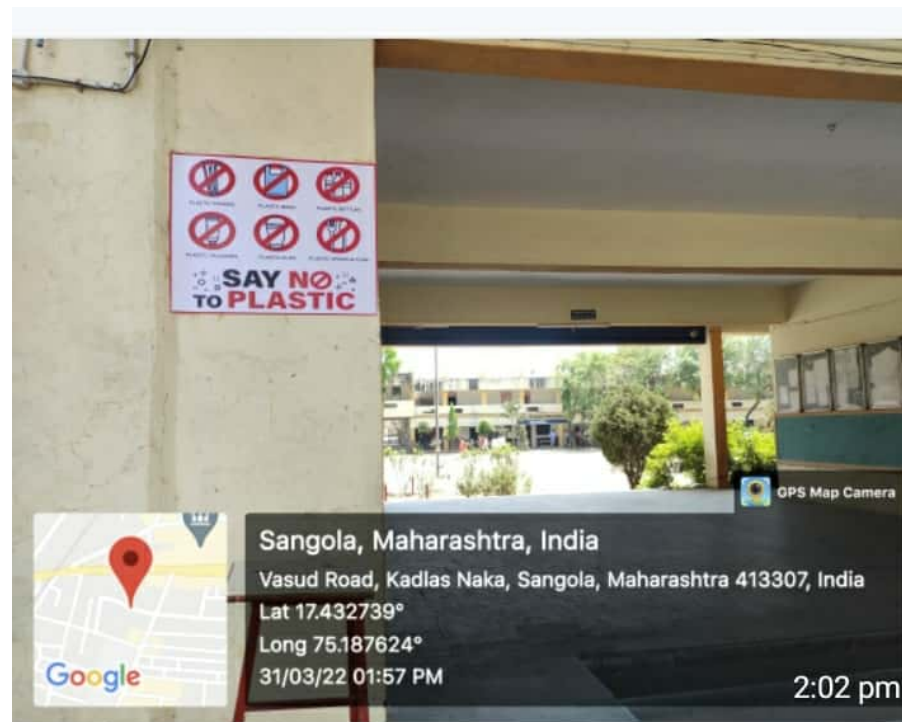
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Long 75.187474°

07/12/21 09:19 AM







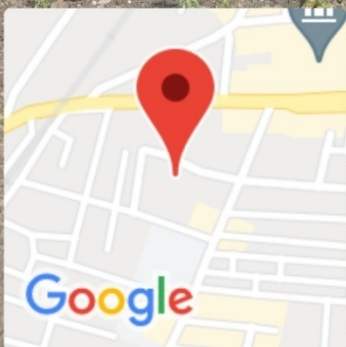
<p>7.1.5</p> <p>Q_nM</p>	<p><i>Green campus initiatives include</i></p> <p>7.1.5.1. The institutional initiatives for greening the campus are as follows:</p> <ol style="list-style-type: none"> 1. Restricted entry of automobiles 2. Use of Bicycles/ Battery powered vehicles 3. Pedestrian Friendly pathways 4. Ban on use of Plastic 5. landscaping with trees and plants <p>Options:</p> <ol style="list-style-type: none"> A. Any 4 or All of the above B. Any 3 of the above C. Any 2 of the above D. Any 1 of the above E. None of the above <p>Upload</p> <ul style="list-style-type: none"> • Geo tagged photos / videos of the facilities • Various policy documents / decisions circulated for implementation • Any other relevant documents <p>(Note: Data template is not applicable to this metric)</p>
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Use of Bicycles/ Battery powered vehicles



Landscaping with trees and plants





Sangola, Maharashtra, India

Vasud Road, Kadlas Naka, Sangola, Maharashtra

413307, India

Lat 17.432652°

Long 75.187363°

07/12/21 09:14 AM



GPS Map Camera



Sangola, Maharashtra, India

Vasud Road, Kadlas Naka, Sangola, Maharashtra 413307, India

Lat 17.432446°

Long 75.188047°

07/12/21 09:51 AM



GPS Map Camera



Restricted entry of automobiles



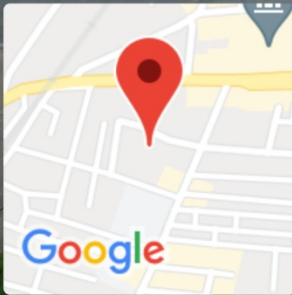
Pedestrian Friendly pathways



<p>7.1.7</p> <p>Q_nM</p>	<p><i>The Institution has Divyangjan-friendly, barrier free environment</i></p> <ol style="list-style-type: none"> 1. Built environment with ramps/lifts for easy access to classrooms. 2. Divyangjan-friendly washrooms 3. Signage including tactile path, lights, display boards and signposts 4. Assistive technology and facilities for persons with <i>Divyangjan</i> accessible website, screen-reading software, mechanized equipment 5. Provision for enquiry and information : Human assistance, reader, scribe, soft copies of reading material, screen reading <p>Options:</p> <ol style="list-style-type: none"> A. Any 4 or all of the above B. Any 3 of the above C. Any 2 of the above D. Any 1 of the above E. None of the above <p>Upload:</p> <ul style="list-style-type: none"> • Geo tagged photographs / videos of the facilities • Policy documents and information brochures on the support to be provided • Details of the Software procured for providing the assistance • Any other relevant information <p>(Note: Data template is not applicable to this metric)</p>
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Built environment with ramps/lifts for easy access to classrooms





Sangola, Maharashtra, India

Vasud Road, Kadlas Naka, Sangola, Maharashtra 413307, India

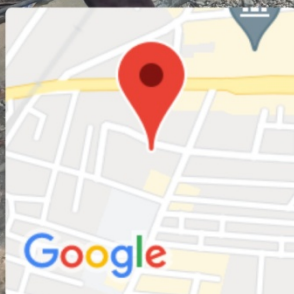
Lat 17.432606°

Long 75.187409°

07/12/21 09:16 AM



GPS Map Camera



Sangola, Maharashtra, India

Vasud Road, Kadlas Naka, Sangola, Maharashtra 413307, India

Lat 17.432604°

Long 75.187652°

13/12/21 09:57 AM