Criterion VII – Institutional Value and Best Practices

7.1 – Institutional Value and Social Responsibilities

7.1.2 - The Institution has facilities and initiatives for

1. Alternate sources of energy and energy conservation measures
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

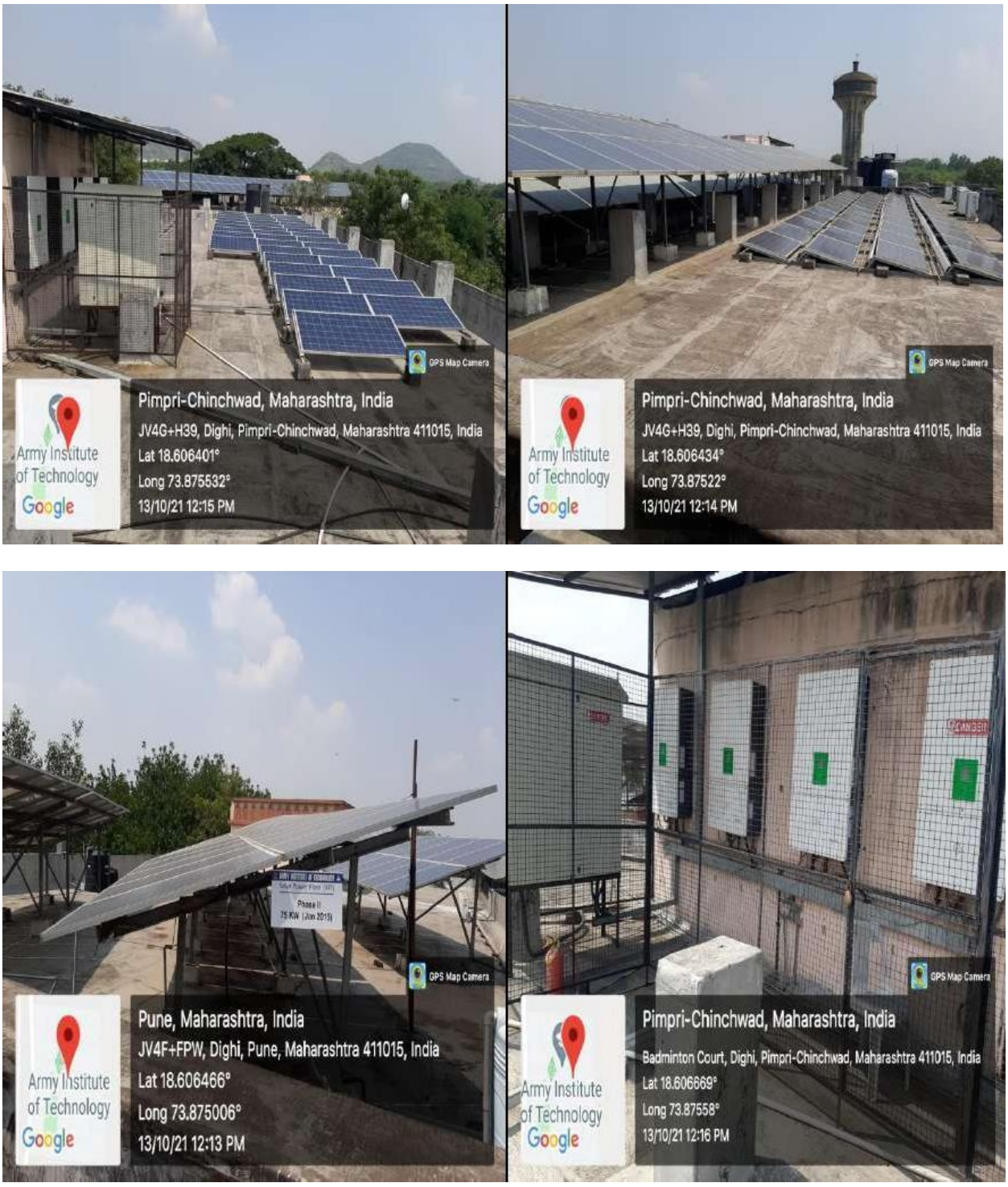
Geo tagged Photographs

1. Alternate source of Energy & Energy Conservation

1.1 Solar Energy-Solar water Heater

1.2 Solar street Light

1.3 ROOFTOP SOLAR PANEL

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Army Institute of Technology
Google


ARMY INSTITUTE OF TECHNOLOGY
Solar Power Plant (AIT)
Phase III
125 KW (Apr 2017)
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Army Institute of Technology
Google

SOLAR PANEL METER

1.4 SENSOR BASED ENERGY CONSERVATION

1.5 USE OF LED BULB LED STREET LIGHT

CORRIDOR LED LIGHTS

2. Waste Managements

2.1 WASTE MANAGEMENT SYSTEM

My Waste My Responsibility

ARMY INSTITUTE OF TECHNOLOGY

Waste Segregation Chart for Residents : 2Bin1Bag Method (www.2bin1bag.in)

1. Organic Waste

(Do **NOT** use a plastic liner. Use paper liner shown in above picture)

KITCHEN WASTE
- Vegetable/Fruit Peels
- RottenVegetables/Fruits
- Cooked Food/Leftovers Egg shells/Chicken/Fish
- Tissue paper soiled with food
- Tea Bags/Coffee Grinds
- Leaf plates
- Swept dust

GARDEN WASTE
- Fallen Leaves
- PujaFlowers/Garlands Weeds

2. Recyclable Waste

(Use only **reusable** bags for disposal)

PLASTIC (Must be Rinsed if Soiled)
- Boxes /Wraps/Covers
- Bottles/Cups/Straw/Toys
- Milk Packets
- Chips/Toffee Wrappers
- Any Other Plastic item

PAPER(Must be Rinsed if Soiled)
- Newspaper/Magazines/Books
- Cardboard Cartons/Pizza Boxes
- Paper Cups/Plates/Tetra Packs

METAL / GLASS / FABRIC
- Aluminum Foil
- Cans/Deodorant Metal Bottles/
- Unbroken Bottles / Jars
- Cloths/Misc Textile/Dusters

OTHER
Bulbs/Tube lights /CFLs(hand over separately)
- Thermocol/Styrofoam Items
- Cosmetics/Coconut Shells
- Wooden waste
- Old Mop/ Dusters

E WASTE
- UPS/batteries/Wires/Tapes / Electronic Devices

3. Reject /Sanitary Waste

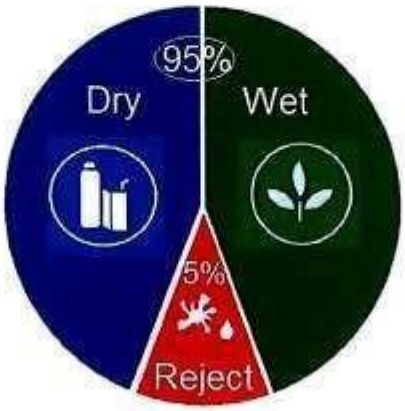
(Do **NOT** use a plastic liner)

SANITARY WASTE
(Use Newspaper for Wrapping)
- Diapers / Sanitary Napkins
- Nails & Hair
- Medicines
- Used Tissues
- Condoms
- Bandages

SHARP
(Wrap in newspaper and handover separately)
- Razors / blades
- Used Syringes / Injection Vail's
- Broken Glass

CONSTRUCTION DEBRIES/INERTS
(hand over separately)
- Rubble
- Paints
- Silt from drains
- Cement powder
- Bricks
- Flower pots

Did you know...? **Nearly 95% of the household waste can be kept out of landfills if we prac0ce the 3 R's and segregate waste at source.**



REDUCE

Avoid buying single use disposables such as plastic/paper cups, gift wraps and packaged products. Many packages which are a combination of paper, foil and plastic are often difficult to recycle.
Carry your own grocery bag every time you shop instead of accepting single use plastic carry bags.
Reducing the waste at source removes the need to manage it later!

REUSE

Re-use old glass jars and plastic covers. You can give second life to your old clothes, books and electronic items by repairing them.

RECYCLE

Recycling is an energy intensive process. However, it is a better option than landfilling. Recycling helps salvage raw materials that would be lost forever if landfilled

Our vision is to manage 95% of our waste responsibly and to send only 5% to landfills

- PLS drop your Plastic & E-Waste in the central bins provided by the Institute.
- Only Reject Waste will be send to the Landfill.
- If you find someone violating waste management rules, please report to jd@aitpune.edu.in with pictures.
- For any questions regarding segregation, contact Zero Waste Team at AIT, Pune , skulkarni@aitpune.edu.in, project@aitpune.edu.in

2.2 BIOMEDICAL WASTE MANAGEMENT

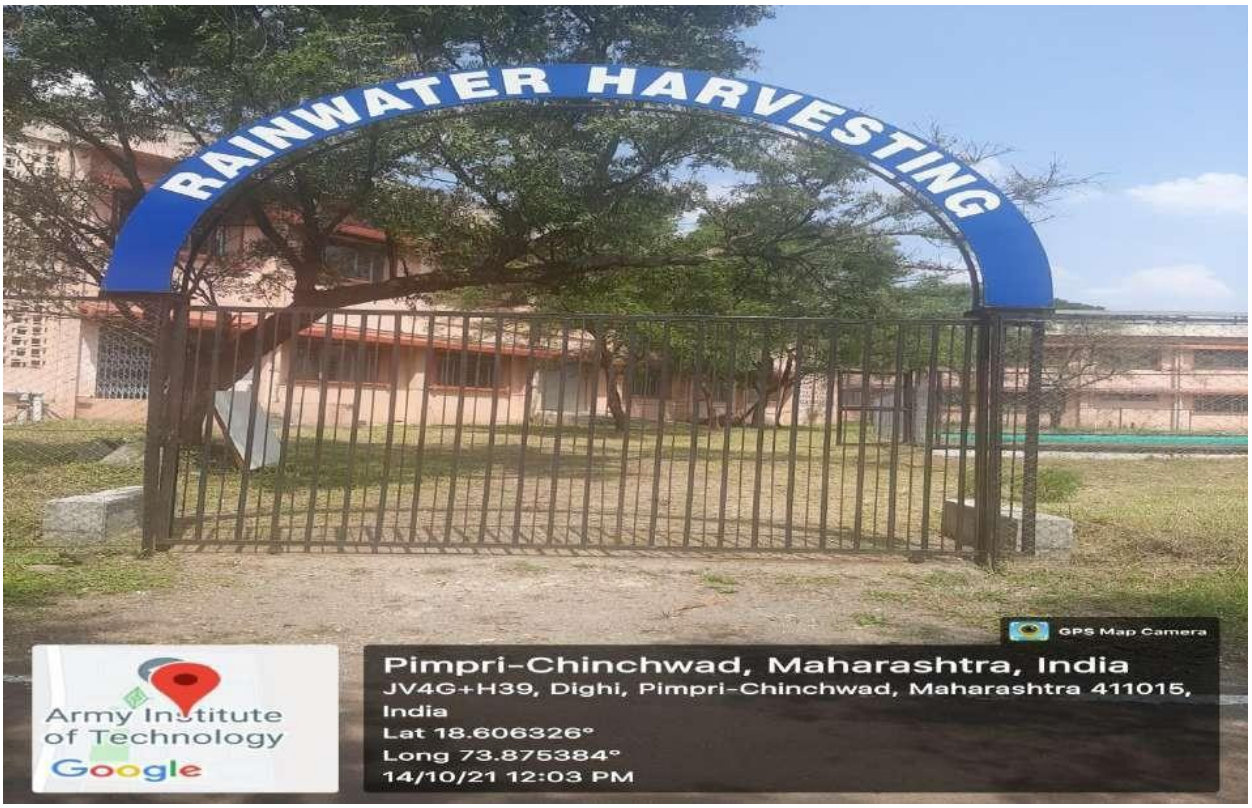
2.3 SOLID WASTE MANAGEMENT

3. Water Conservation

3.1 RAIN WATER HARVESTING

STORM DRAINAGE PIPE SYSTEM FOR RAIN WATER HARVESTING

3.2 RAIN WATER STORAGE TANK



3.3 BOREWELL RECHARGE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Long 73.875141°
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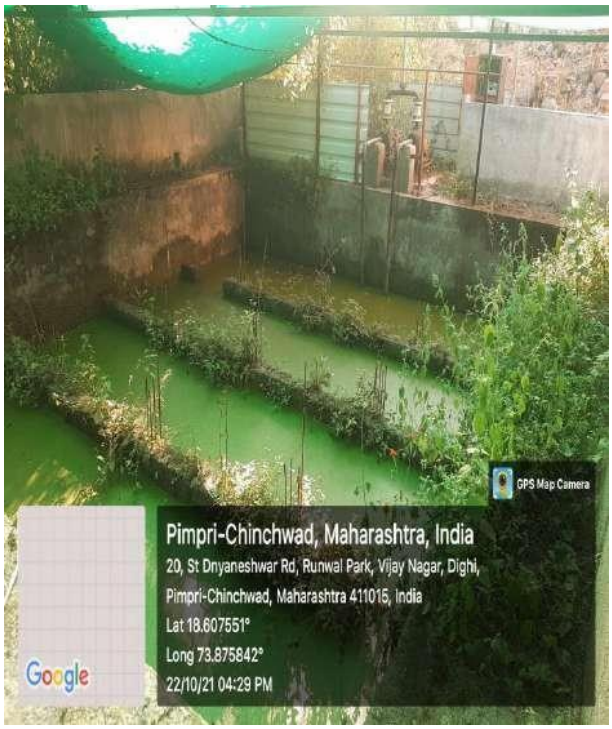
Google

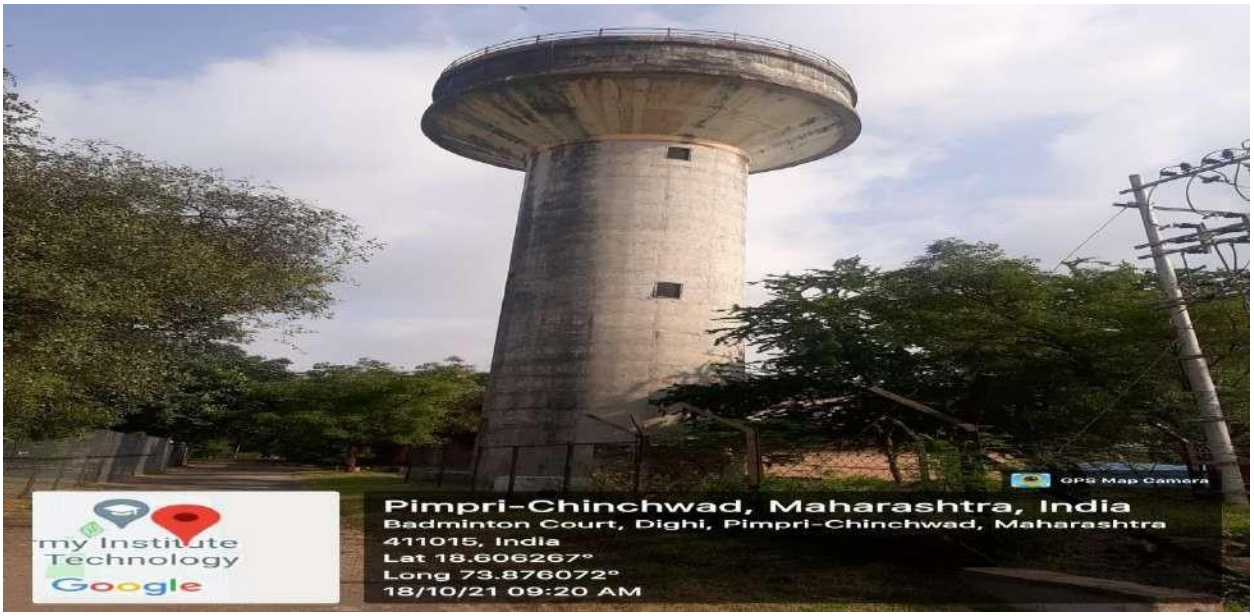
3.4 CONSTRUCTION OF TANKS

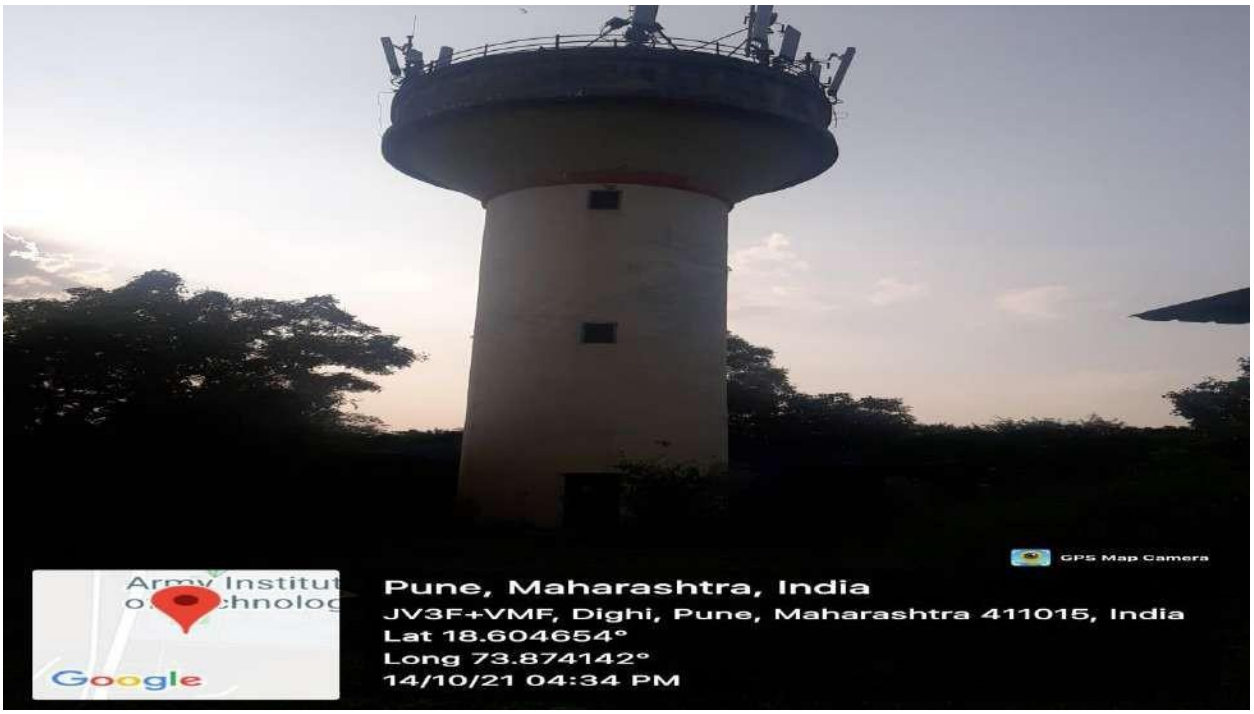
3.5 WASTE WATER RECYCLING



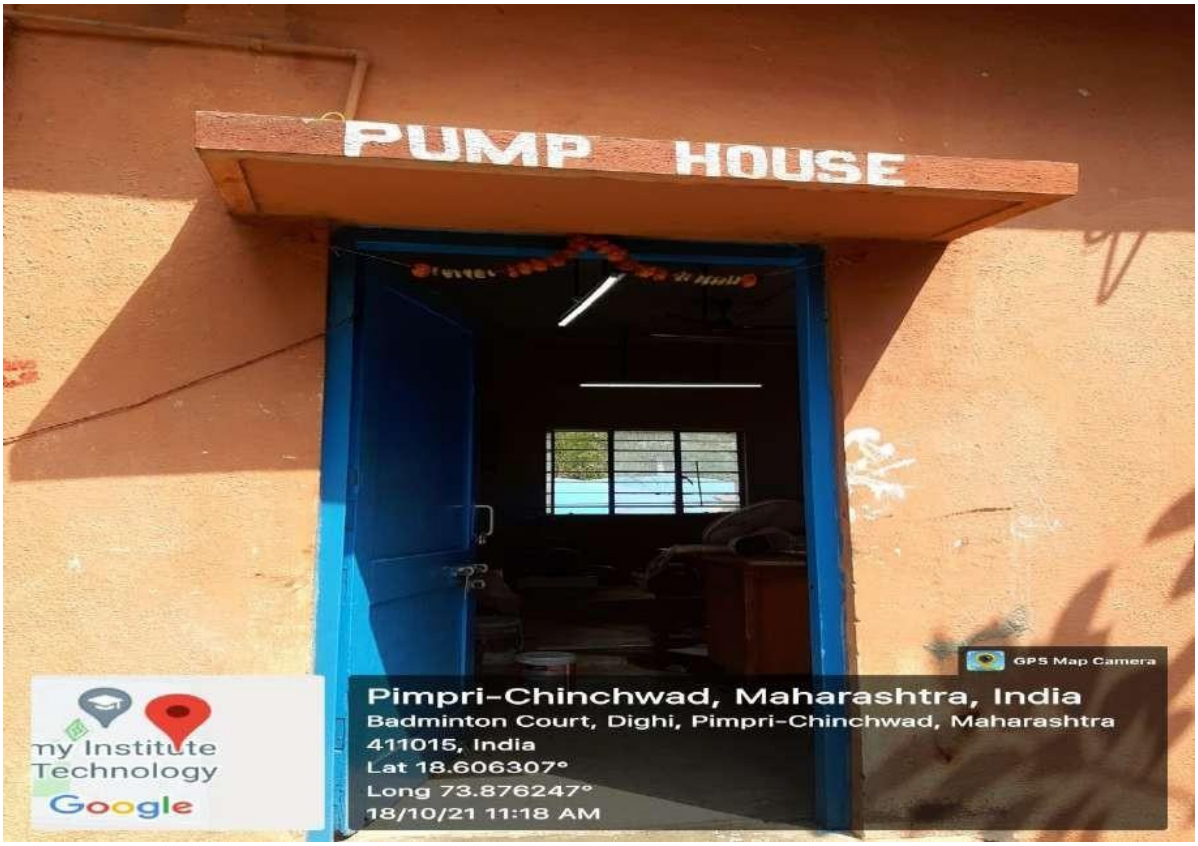
3.6 MAINTENANCE OF WATER BODIES & DISTRIBUTION SYSTEM

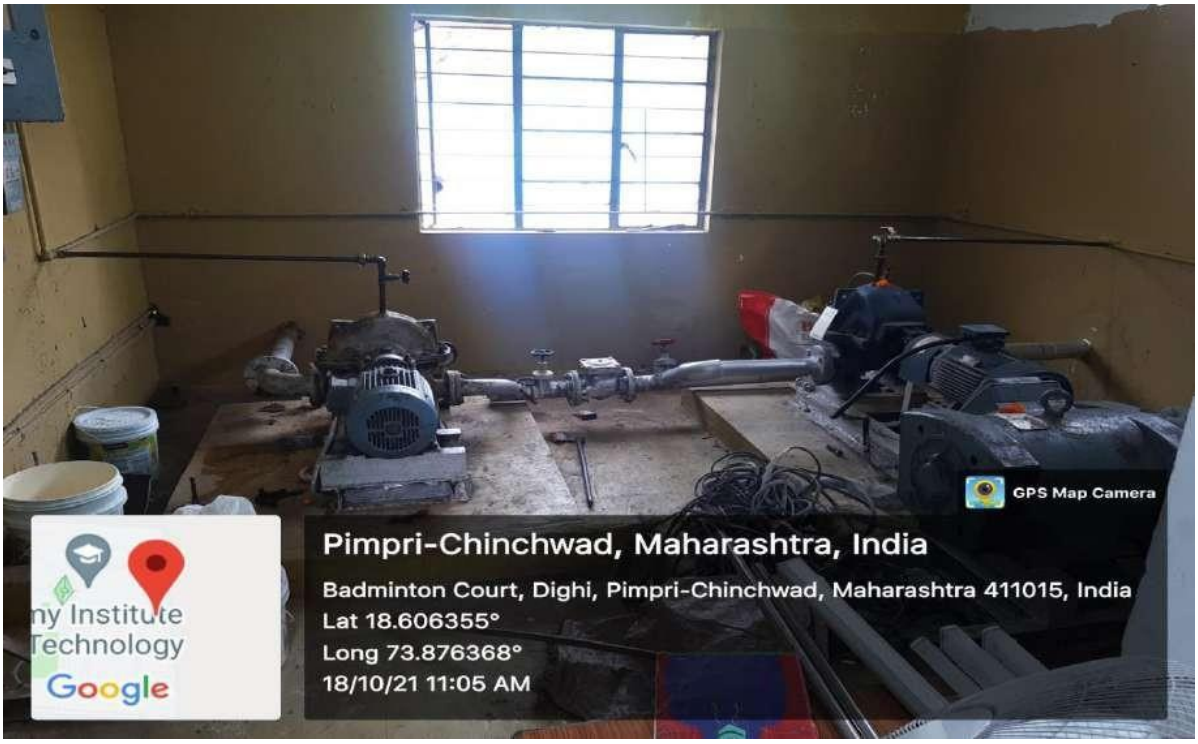
FRESH WATER TANK





DISTRIBUTION SYSTEM





3.7 RO WATER PLANT

Bore well recharge

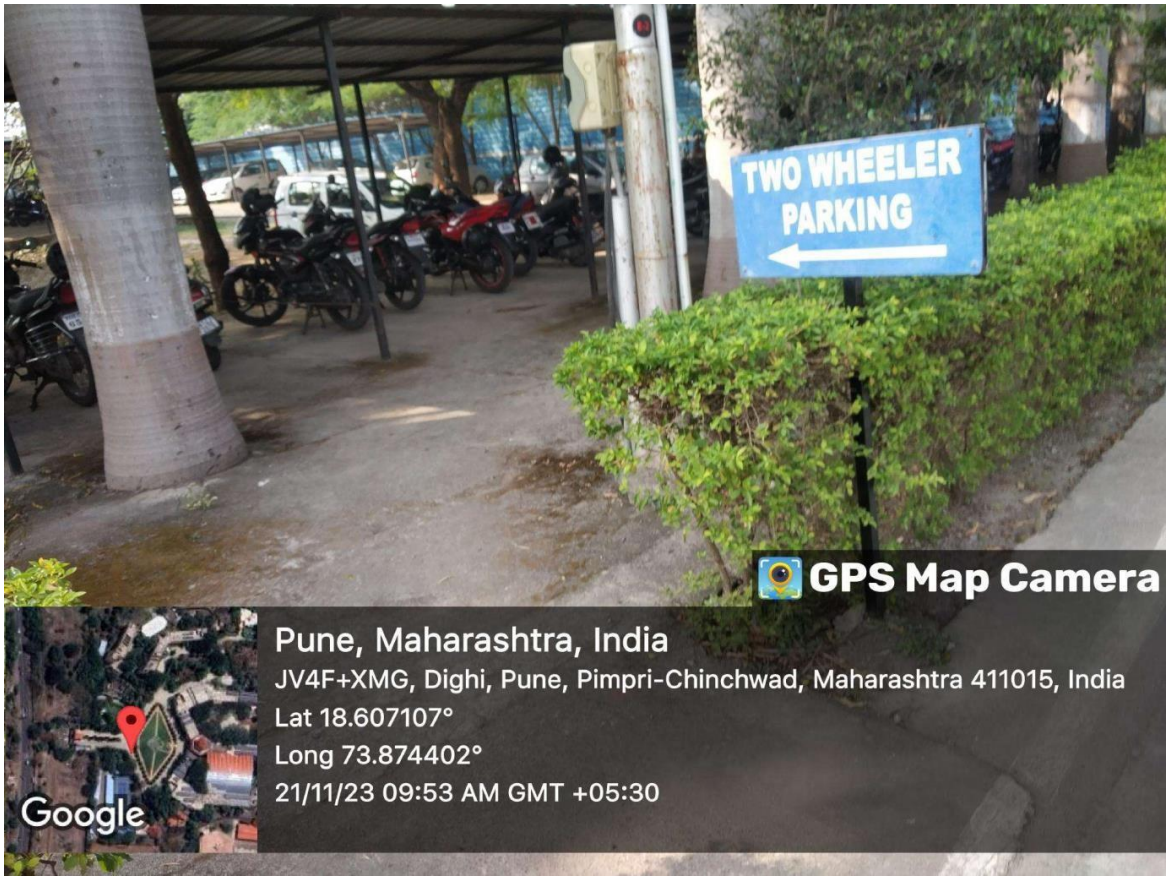
Maintenance of water bodies and distribution system in the campus

Construction of tanks and bunds

Waste water recycling

4. Green Campus Initiatives

4.1 RESTRICTED ENTRY OF AUTOMOBILES



4.2 USE OF BICYCLES/BATTERY POWERED VEHICLES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Badminton Court, Dighi, Pimpri-Chinchwad, Maharashtra 411015, India
Lat 18.60692°
Long 73.876051°
21/11/23 09:57 AM GMT +05:30
Google


ARMY
Donated
by
Brig S Ramakrishnan
(Signals)
007EV
GPS Map Camera
Pimpri-Chinchwad, Maharashtra, India
Unnamed Road, Dighi, Pimpri-Chinchwad, Maharashtra 411015, India
Lat 18.607023°
Long 73.875911°
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Google


Lt Col Suhas Gogate Laboratory
GPS Map Camera
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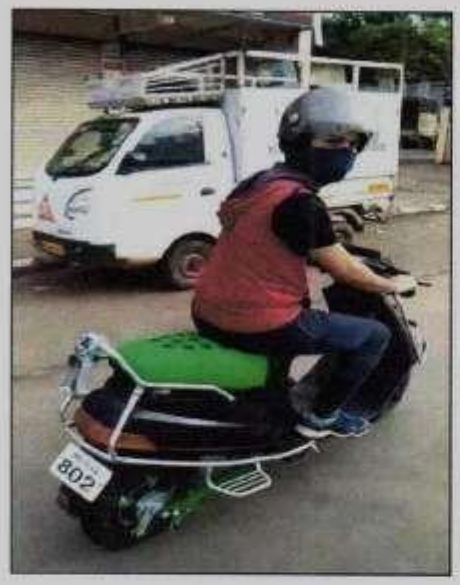
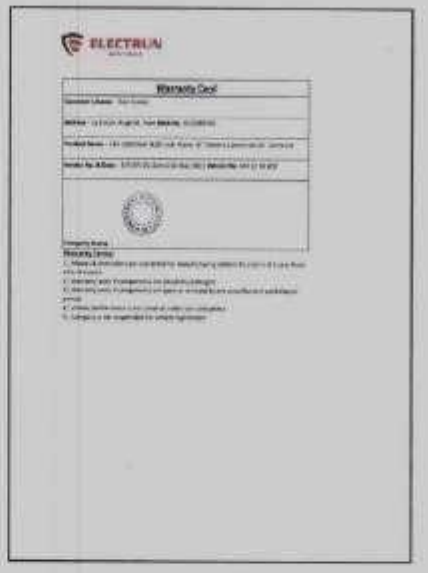
Google

Criteria 7.1.5 Photo of E Vehicle in use in AIT Campus





ARMY INSTITUTE OF TECHNOLOGY
PUNE
411015

Principal
Army Institute of Technology
Dighi Hills, Pune - 411015

4.3 PEDESTRIAN FRIENDLY PATHWAYS

4.4 BAN ON USE OF PLASTIC

4.5 LANDSCAPING WITH TREES AND PLANTS

4.6 OTHER PROOFS


GPS Map Camera
Pune, Maharashtra, India
JV4F+GWM, Dighi, Pune, Pimpri-Chinchwad, Maharashtra 411015, India
Lat 18.60677°
Long 73.874792°
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Google


GPS Map Camera
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Badminton Court, Dighi, Pimpri-Chinchwad, Maharashtra 411015, India
Lat 18.606088°
Long 73.875997°
21/11/23 09:46 AM GMT +05:30
Google

5. Disabled Friendly Environment

5.1 RAMPS


ARYABHATTA CENTRE
GPS Map Camera
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JV4F+FPW, Dighi, Pune, Maharashtra 411015, India
Lat 18.606219°
Long 73.874925°
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Army Institute of Technology
Google


TRUTH IS GOD
ONWARD TO GLORY
ARYABHATTA CENTRE
GPS Map Camera
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JV4F+FPW, Dighi, Pune, Maharashtra 411015, India
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Army Institute of Technology
Google


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Badminton Court, Dighi, Pimpri-Chinchwad, Maharashtra 411015, India
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Google

5.2 DISABLED FRIENDLY WASHROOM

5.3 PROVISION OF LIFT