Dr D Y Patil Pratishthan's
PADMASHREE DR. D Y PATIL COLLEGE OF ARCHITECTURE
Sector No. 29, B/h. Akurdi Railway Station, Nigdi Pradhikaran, Akurdi, Pune - 411044

CRITERIA 7

Institutional Values and Best Practices

7.1 Institutional values and social Responsibilities Inclusion and Situatedness, Human values and Professional ethics

METRIC NO. 7.1.2

Environmental Consciousness and Sustainability and Divyangjan friendly Initiative

7.1.2

7.1.2

Environmental Consciousness and Sustainability and Divyangjan friendly Initiative

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

Sr. No.	Contents (Documents)
1	Geotagged photograph of Led Installation
2	Geotagged photograph of Roof top Solar Panel
3	Geotagged photograph of Daylight ingress
4	Geotagged photograph of diming sensor installation
5	Geotagged photograph of book reveal ceremony
6	Geotagged photograph of save energy signage
7	Geotagged photograph of waste bin
8	Geotagged photograph of use dustbin signage
9	Geotagged photograph of vermicomposting plant
10	Geotagged photograph of Sewage treatment plant
11	Geotagged photograph of incinerator installation
12	Geotagged photograph of RWH installation
13	Geotagged photograph of pressmatic tap installation
14	Geotagged photograph of Aerator installation
15	Geotagged photograph of sprinklers and drip irrigation
16	Geotagged photograph of student using cycle
17	Geotagged photograph of plastic ban signage
18	Geotagged photograph of green campus
19	Geotagged photograph of feeder
20	Geotagged photograph of recycle reduse reuse signage
21	Geotagged photograph of ramp
22	Geotagged photograph of elevator
23	Geotagged photograph of reserved parking space
24	Geotagged photograph of advanced wheel chair
25	Geotagged photograph of grab bar installation
26	Geotagged photograph of PC with NV access

7.1.2

Environmental Consciousness and Sustainability and Divyangjan friendly Initiative

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

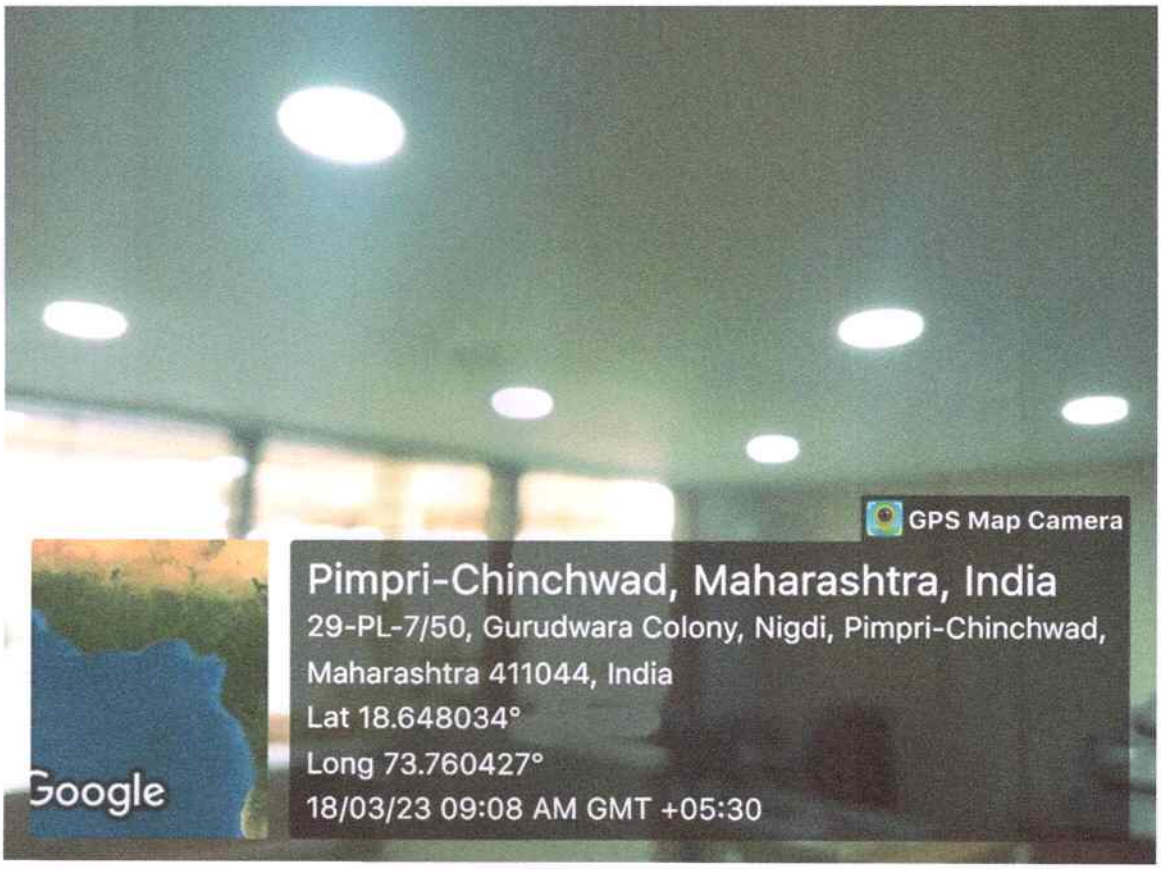
A. Use of LED Bulbs/power efficient equipment

College has given priority to installation LED light in the campus, maintenance team work regularly on this section. They replace fluorescent tubes to LED and they use LED according to BEE Rating system for more power saving. College is using 20W LED Ceiling Luminaire and 36W LED Tube. College using 60W Wall fan for specific air movement, and 60W ceiling fan.

For new construction college always recommend energy saving appliances and equipment.

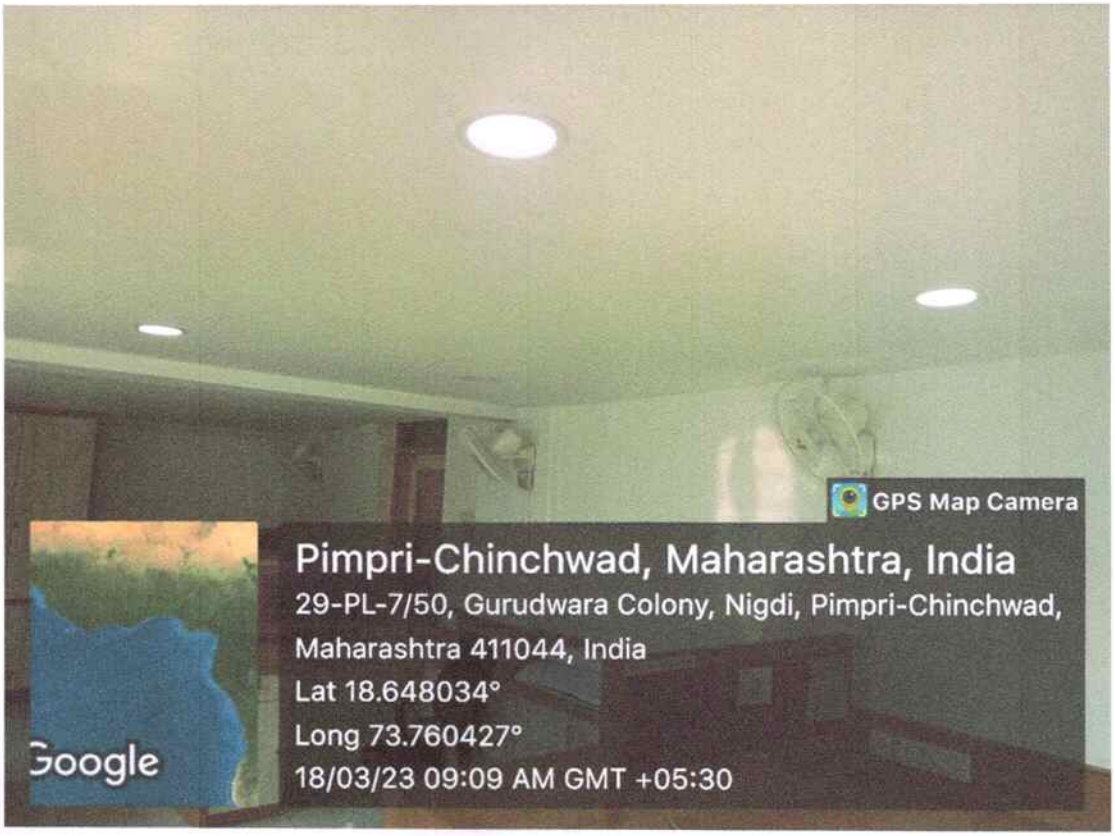
Supporting Documents- Geotagged Photograph of Campus Interior
Purchasing Bill of Electrical Accessories
Electricity Bill copy

Note- LED luminaries has not reflect to much in electricity bill because ratio of lighting in electric consumption is low and Electric city bill is depend on unit rate.



LED installation in the campus administration area. Each ceiling Luminaire have 20W.

Dr. D Y Patil Pratishthan's
Padmashree Dr. D Y Patil College of Architecture,
Akurdi Pune

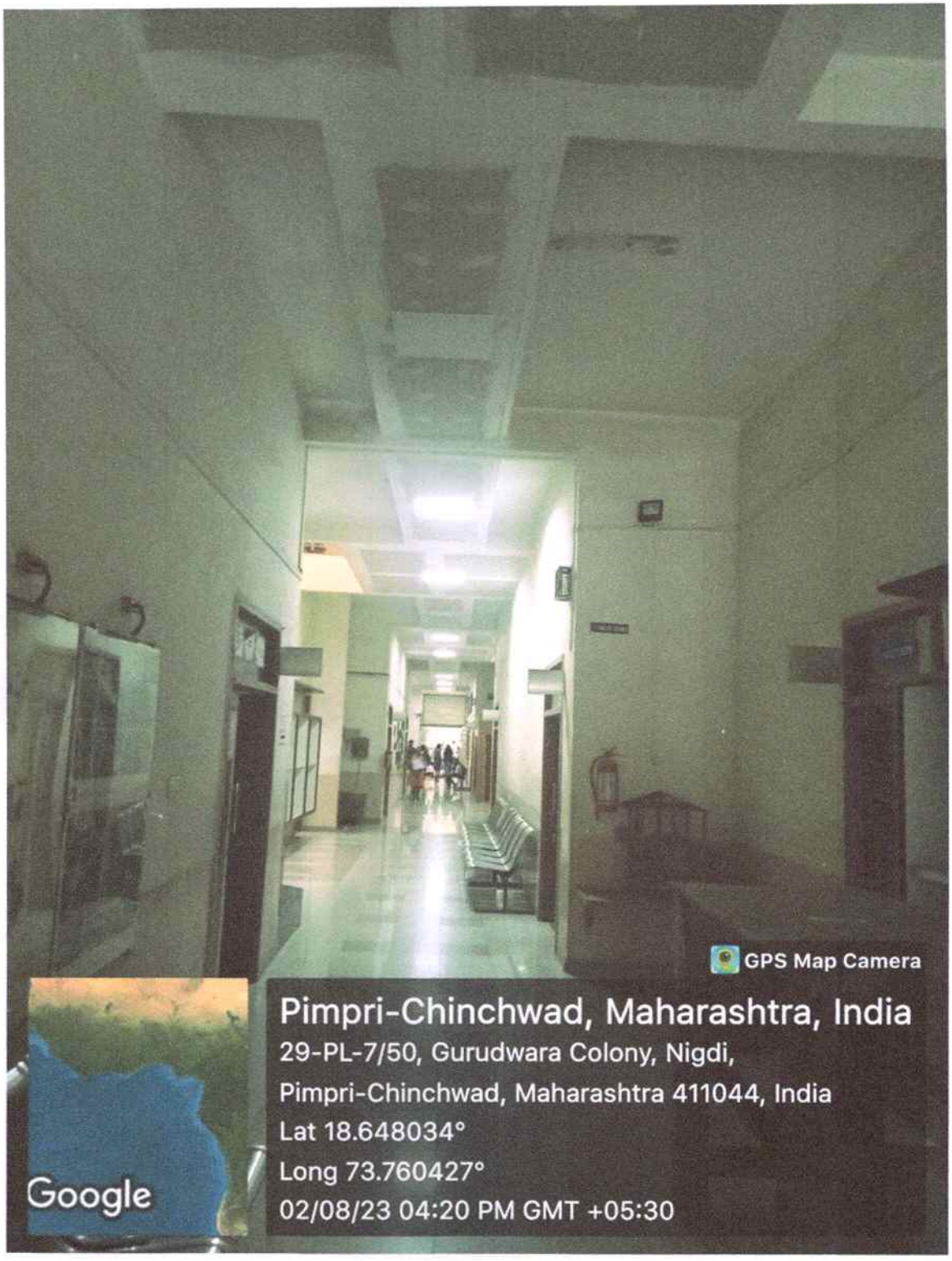


LED installation in the staff room. Each ceiling Luminaire have 20W and wall fan have 60W.

Classroom have replaced LED tube from Fluorescent tube. Power wattage of each tube is 36W.

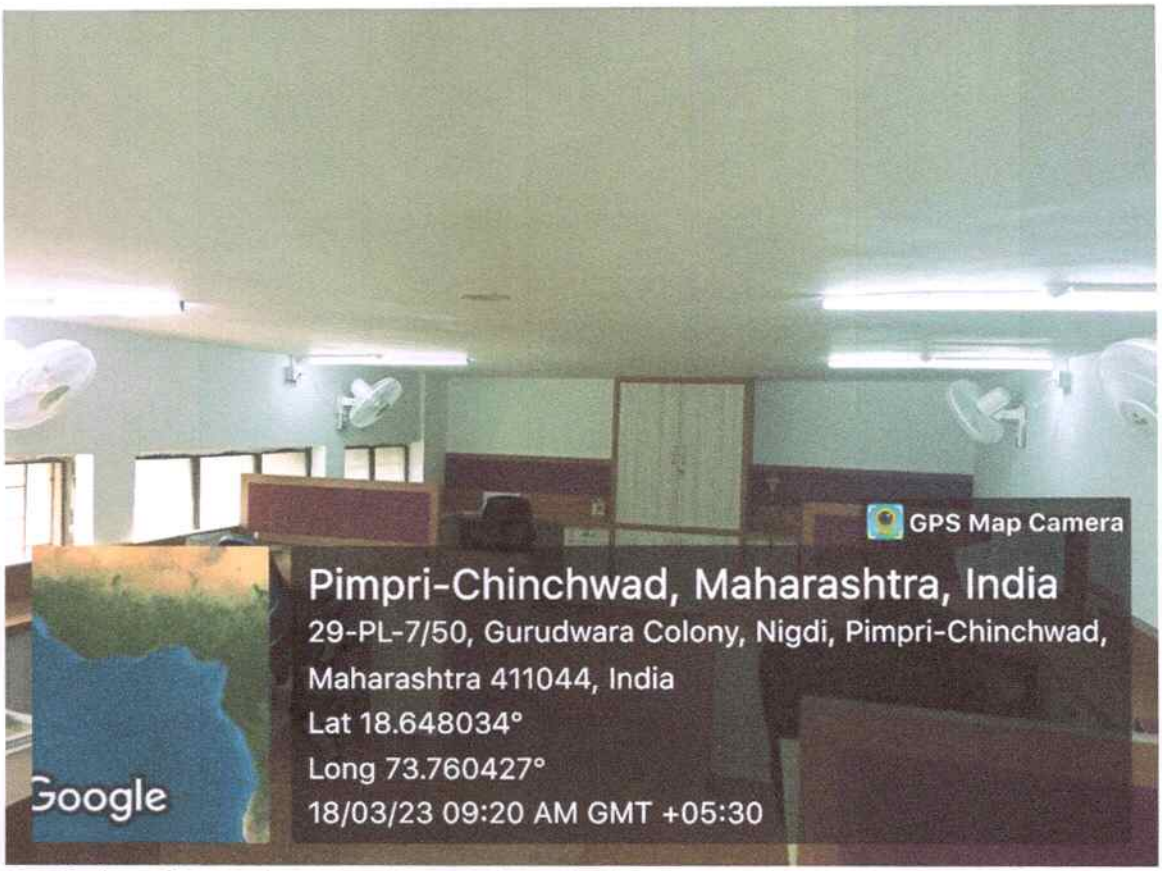
Dr. D Y Patil Pratishthan's
Padmashree Dr. D Y Patil College of Architecture,
Akurdi Pune

Dr D Y Patil Pratishthan's
PADMASHREE DR. D Y PATIL COLLEGE OF ARCHITECTURE
Sector No. 29, B/h. Akurdi Railway Station, Nigdi Pradhikaran, Akurdi, Pune - 411044



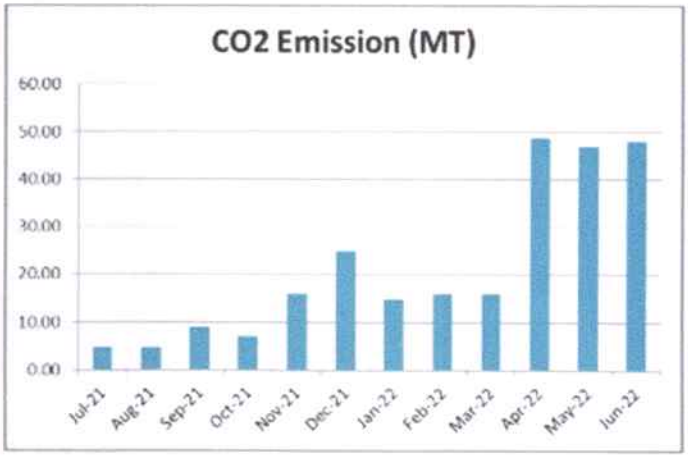
Installation of LED Tube in campus Corridor area.

Dr. D Y Patil Pratishthan's
Padmashree Dr. D Y Patil College of Architecture,
Akurdi Pune



Installation of LED tube and wall mount fan on individual basis for specific air movement.

No	Month	Energy (kWh)	Bill Amount (Rs)
1	Jun-22	60,107	1,003,847
2	May-22	58,729	971,594
3	Apr-22	61,090	950,973
4	Mar-22	19,896	939,385
5	Feb-22	19,896	353,758
6	Jan-22	18,439	337,486
7	Dec-21	31,210	491,033
8	Nov-21	19,909	368,776
9	Oct-21	8,754	491,033
10	Sep-21	11,203	368,776
11	Aug-21	5,778	203,048
12	Jul-21	5,971	184,510
	Total	**320,982**	**6,664,219**



Summary of Electricity bills & CO2 emission of D Y Patil Educational Complex (Source-Green Audit report)

Dr. D Y Patil Pratishthan's
Padmashree Dr. D Y Patil College of Architecture,
Akurdi Pune

B. Solar Panel

D Y Patil Educational Complex has been taken initiative in the field of alternate source of energy generation. College has installed roof top solar panel system in On grid mode of capacity 350kWp. Detailed performance sheet of Solar Panel attached in Green Audit.

Geotagged Photograph of On grid Solar PV Plant at D Y Patil Educational Complex

No	Particulars	Value	Unit
1	Annual Energy Purchased from MSEDCL	320,982	kWh/Annum
2	Energy Generated by Roof Top Solar PV System	400,572	kWh/Annum
3	Total Energy Requirement of College	721,554	kWh/Annum
4	% of Usage of Alternate Energy to Annual Energy Requirement	56	%

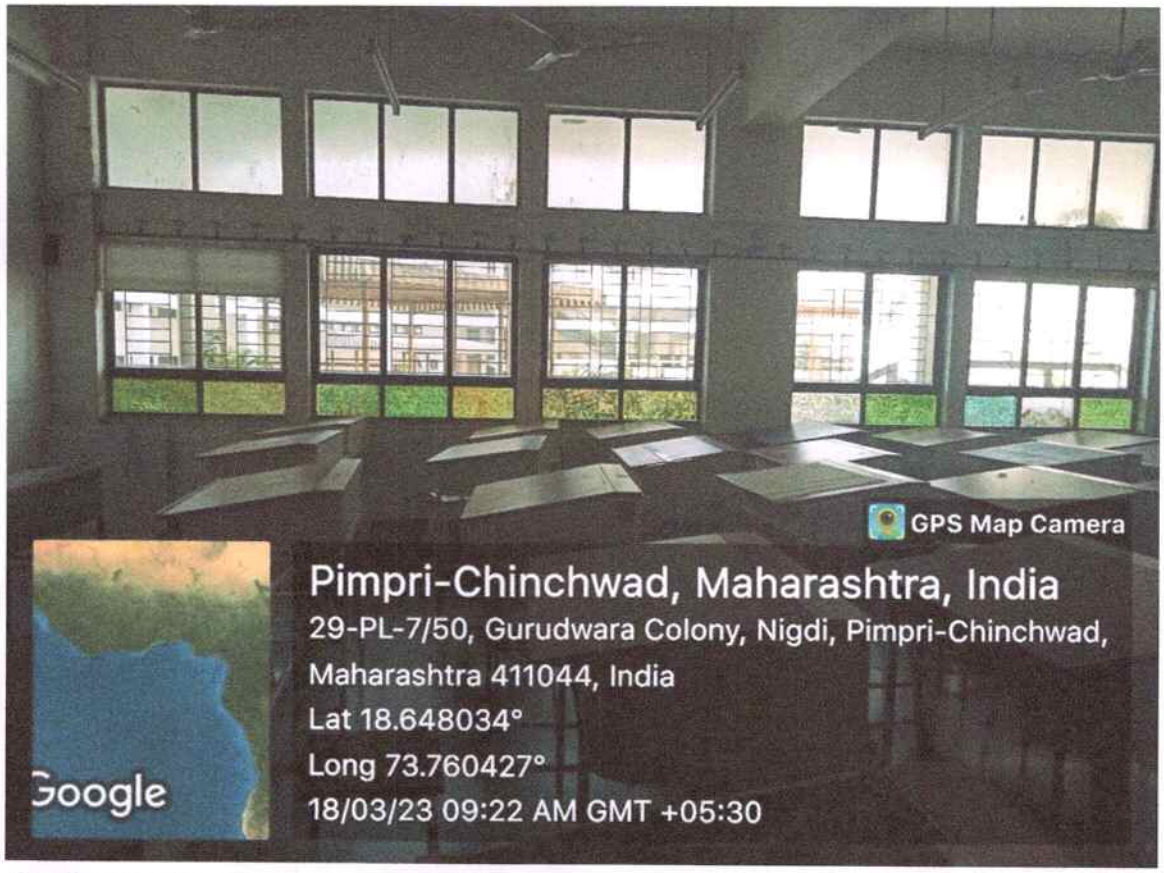
Computation of % generation of energy through alternate renewable sources and consumption of energy development Authority. (Source-Energy Audit Report)

Dr. D Y Patil Pratishthan's
Padmashree Dr. D Y Patil College of Architecture,
Akurdi Pune

C. Daylight

According to Science, we know natural light is more efficient in comparison of artificial light. In Major part of campus, daylight access in rich amount throughout day to studios, lecture hall, administration area, staff room, corridor and toilets etc.

Daylight reducing electrical load because lights are not used when daylight receive in rich amount. College has large window façade and fanlight in studios and lecture hall.
College campus is planned on central based courtyard and high ceiling height through this passive technique corridor doesn't required electrical lighting in working hours except exceptional case.
College has used special type of roller blind for window dressing for controlled daylight ingress.
Through this initiative we save electricity.



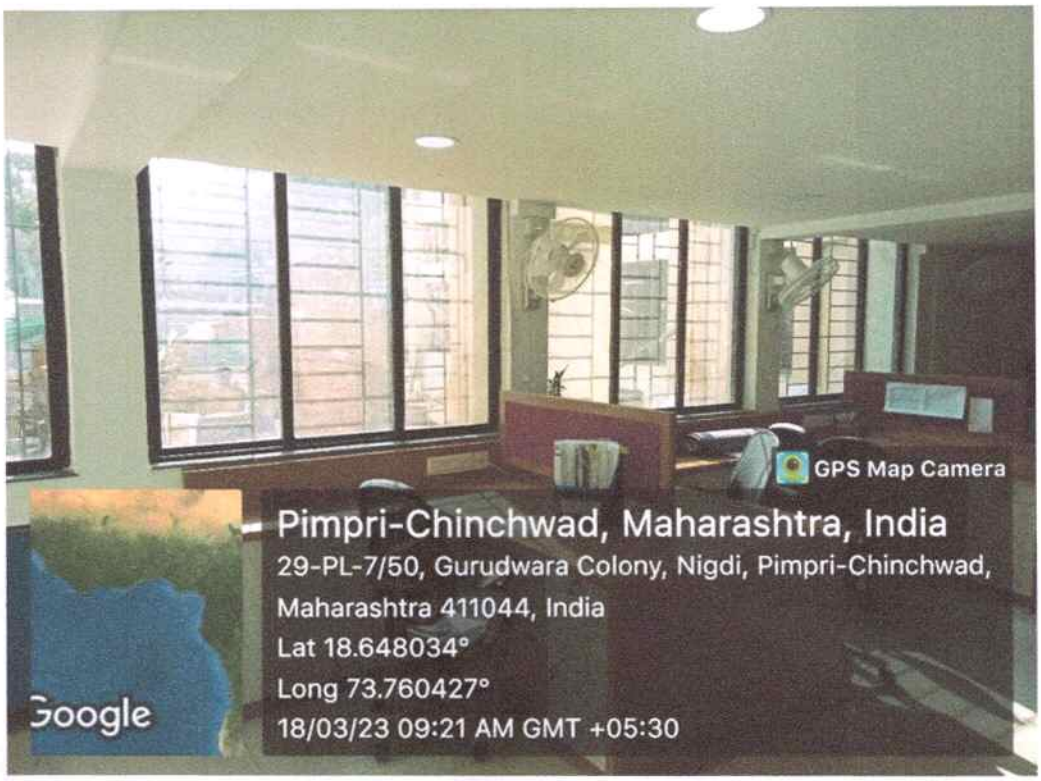
Studios receives Daylight from window level and fanlight level.

Dr. D Y Patil Pratishthan's
Padmashree Dr. D Y Patil College of Architecture,
Akurdi Pune

Studios receives Daylight from window level and fanlight level.

Administration Area receiving daylight in excess amount through large window opening.

Dr. D Y Patil Pratishthan's
Padmashree Dr. D Y Patil College of Architecture,
Akurdi Pune



Staff room receiving natural light through large window opening.

For control daylight ingress use roller blind as window dressing.

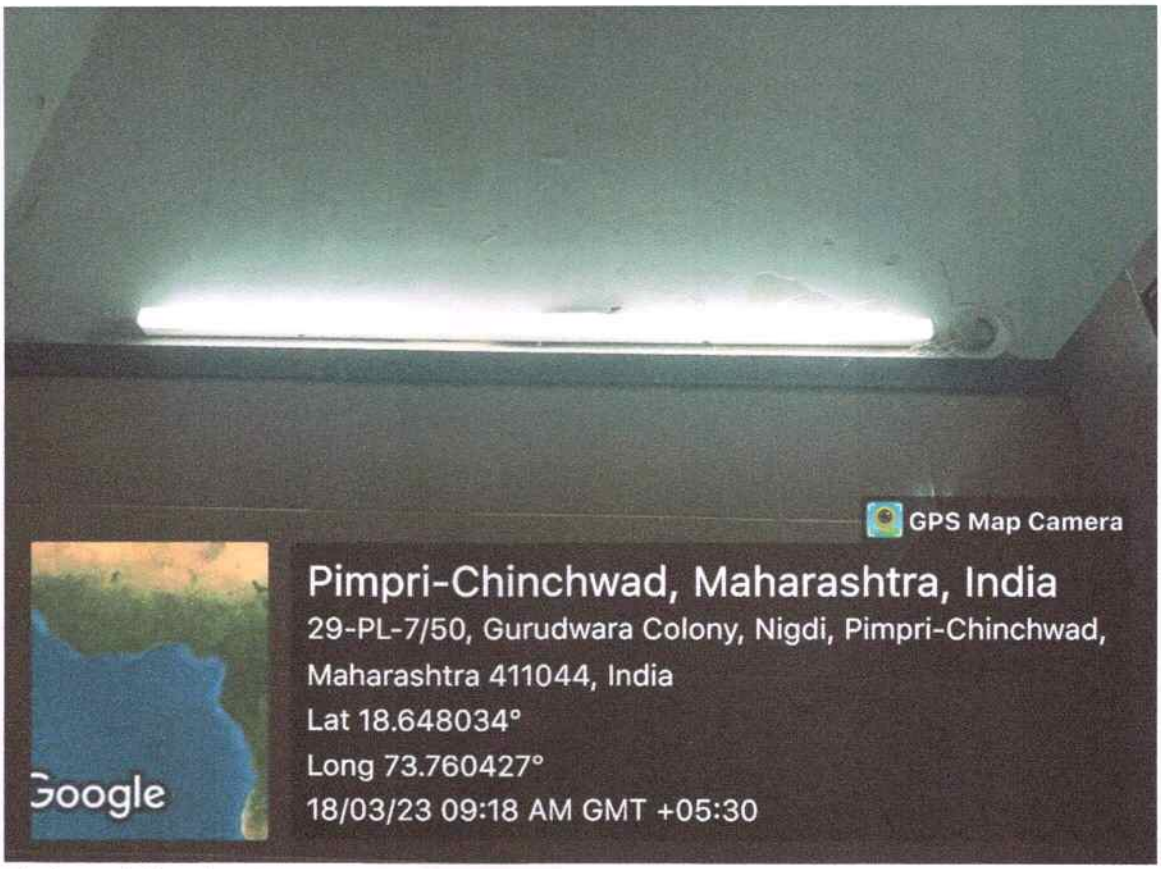
Dr. D Y Patil Pratishthan's
Padmashree Dr. D Y Patil College of Architecture,
Akurdi Pune

D. Use of Dimming Sensor

College campus has adopting technology vigorously, For saving in electrical energy college campus has installed dimming sensor in LED light. In campus has different types of requirement like studios, lecture hall etc. In these type of infrastructure, we have control on electricity like- if class is going on then electric consumption is start but when no one in the class every electrical appliance in switch off manually. This type of function has followed in every space except toilets and corridor, where movement is frequent. Energy saving from these type of spaces are challenging. Campus has adopted technology of motion sensor. We installed dimming sensor (electronic circuit) in LED tube.

How it's work- Electronic circuit device named as dimming sensor installed in lighting fixture, after installation sensor catch human movement. When any human movement around the lighting fixture then light brightness level is increases and when there is no movement in particular space then lighting fixture is dimmed (functioning like fan regulator) through this electronic device we save lot of energy.

- Dimming Sensor is installed in Male and Female toilets at ground floor.



Fitting of dimming Sensor at male toilet Ground Floor

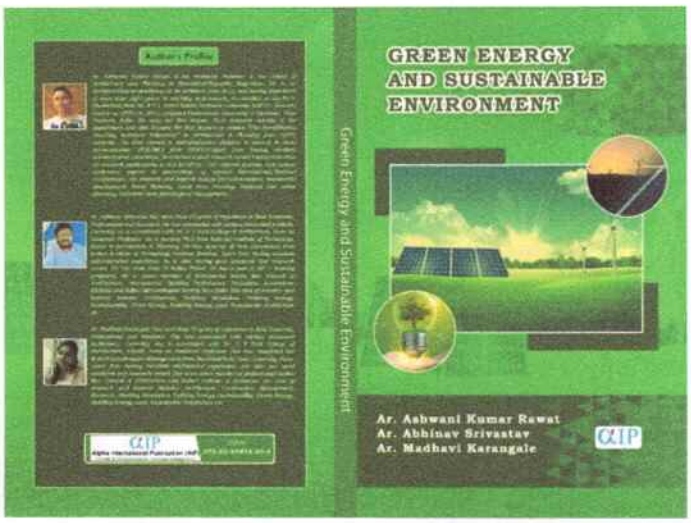
Dr. D Y Patil Pratishthan's
Padmashree Dr. D Y Patil College of Architecture,
Akurdi Pune

E. Additional Information

College has taking initiative in energy conservation, literacy and consciousness between among students, faculties, staff members and visitor's through various signboard, slogan at strategic location.

Faculties of DYPCOA published a book on "Green Energy and Sustainable Development" to educate people.

Faculties associated in book- Ar. Abhinav Srivastav, Ar. Madhavi Karangale

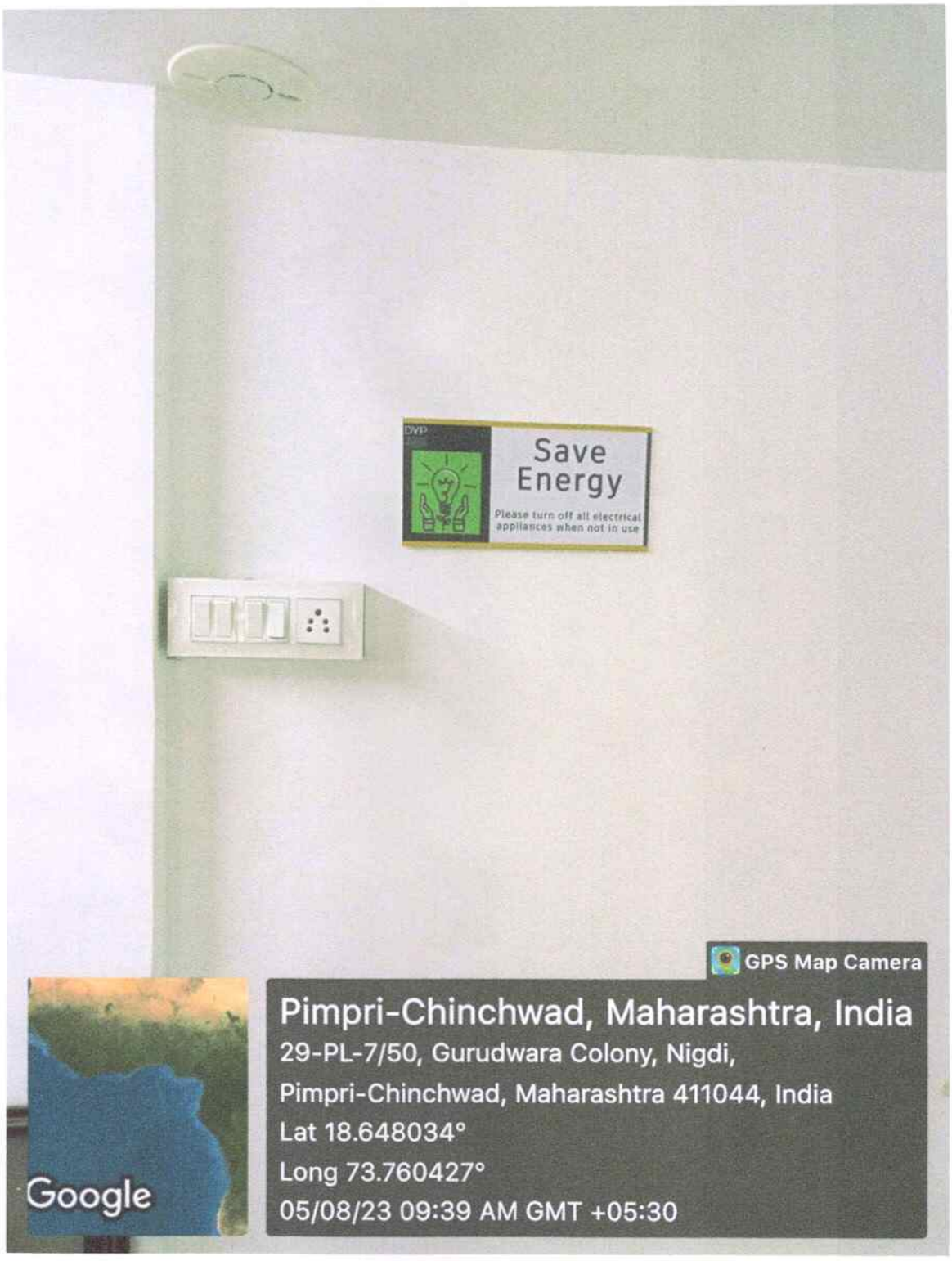


Cover page of published book- **Green Energy and Sustainable Environment**- Alpha International Publisher/ ISBN-978 93 95978 93 4

Book is based on various types renewable energy resources, Solar Energy, Wind Energy and Bio-gas Energy generation are main content of the book.

Geotagged Photograph of Book reveal ceremony.

Dr. D Y Patil Pratishthan's
Padmashree Dr. D Y Patil College of Architecture,
Akurdi Pune



Geotagged photograph of signage of save electricity in every classroom & staffroom.

Dr. D Y Patil Pratishthan's
Padmashree Dr. D Y Patil College of Architecture,
Akurdi Pune

Geotag Photograph of "save energy" signage at administrative office.

Dr. D Y Patil Pratishthan's
Padmashree Dr. D Y Patil College of Architecture,
Akurdi Pune

Geotag Photograph of "save energy" signage at studios.

Dr. D Y Patil Pratishthan's
Padmashree Dr. D Y Patil College of Architecture,
Akurdi Pune

Geotag Photograph of "save energy" signage at studios.

Dr. D Y Patil Pratishthan's
Padmashree Dr. D Y Patil College of Architecture,
Akurdi Pune

7.1.2

Environmental Consciousness and Sustainability and Divyangjan friendly Initiative

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

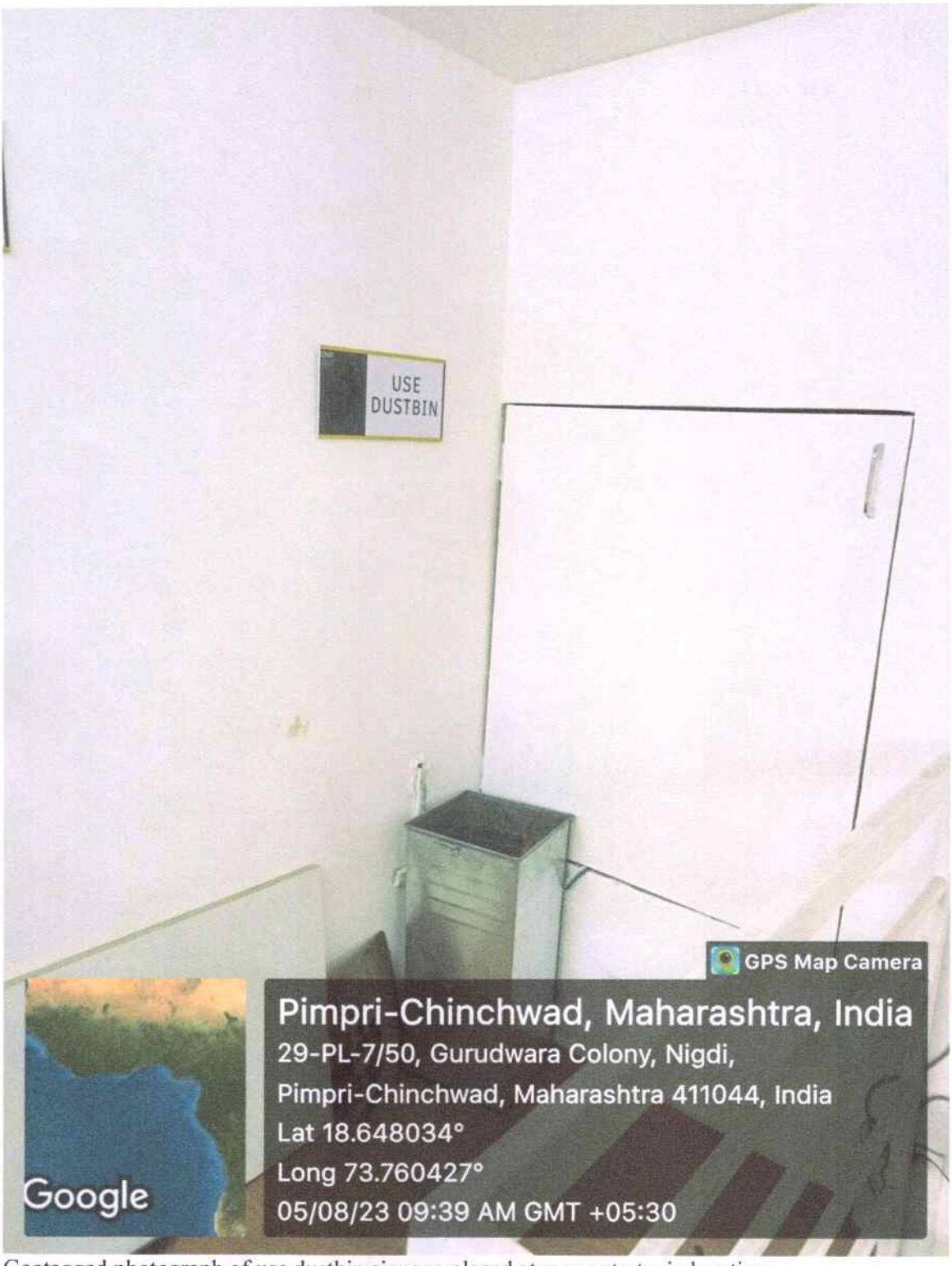
A. Solid Waste Management

College has taking strong action in waste management. First level college doesn't allow and promote any type of single used plastic. Second level college has system of waste segregation at source point. For achieving second level college has provide segregated waste bin at strategic location in the campus.

Photograph of Waste Collection Bins

The solid waste is segregated at source. Waste collection bins are placed at various points.

Dr. D Y Patil Pratishthan's
Padmashree Dr. D Y Patil College of Architecture,
Akurdi Pune



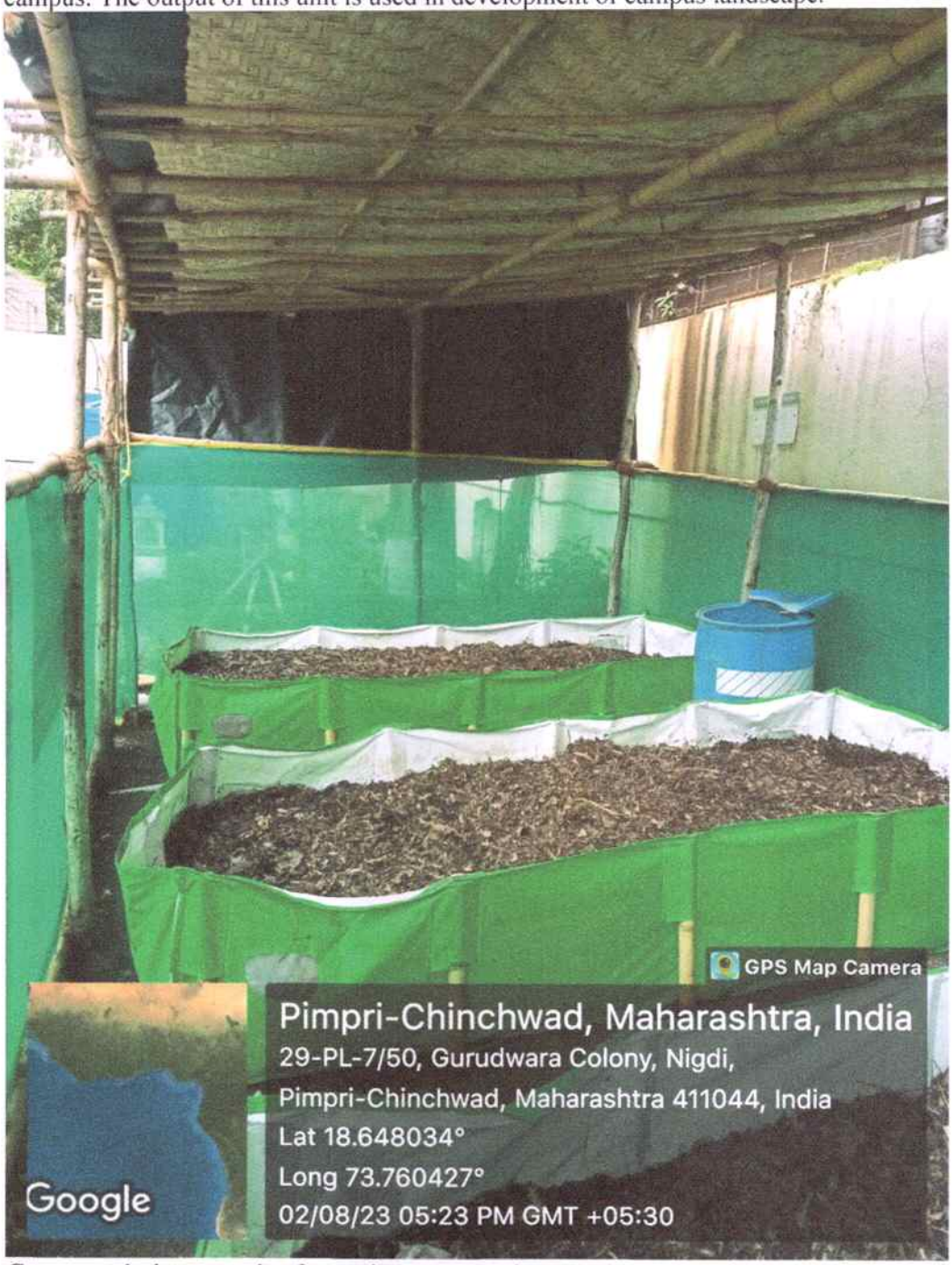
Geotagged photograph of use dustbin signage placed at every strategic location.

Dr. D Y Patil Pratishthan's
Padmashree Dr. D Y Patil College of Architecture,
Akurdi Pune

Organic Waste Management

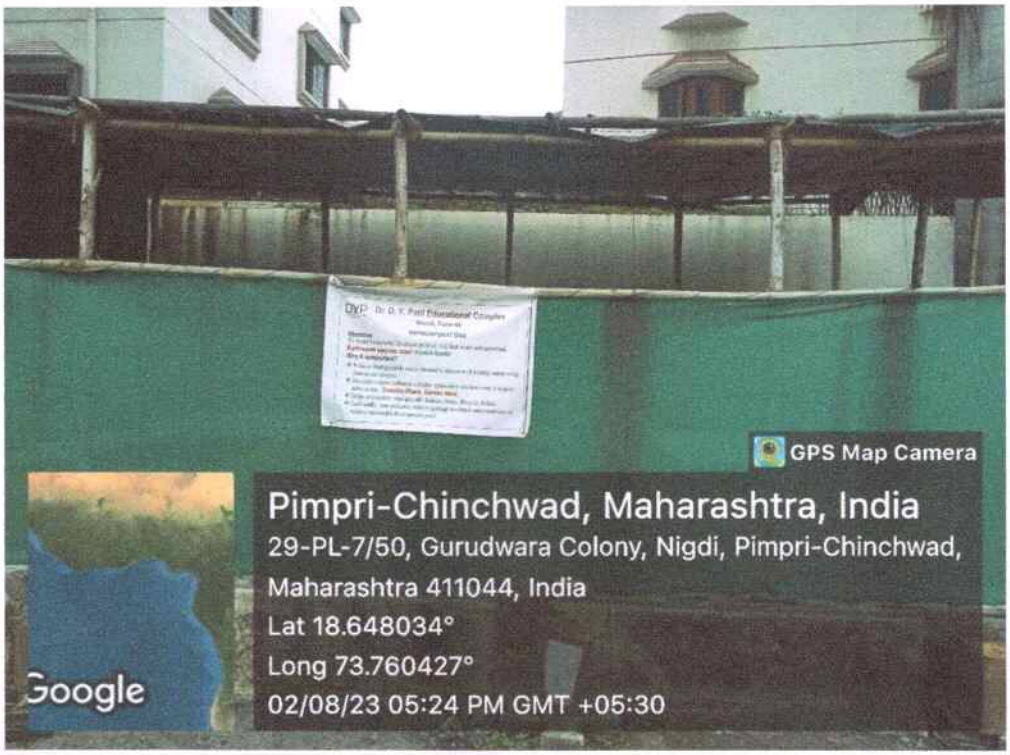
D Y Patil Educational Complex area is huge, In complex generate oraganic waste (leaf and plant leaves) in big amount. College campus generate organic fertilizer through this organic waste with the help of vermicompost umit.

D Y Patil Educational Complex installed vermicompost unit for managing organic waste of campus. The output of this unit is used in development of campus landscape.



Geotagged photograph of vermicompost unit at D Y Patil Educational complex.

Dr. D Y Patil Pratishthan's
Padmashree Dr. D Y Patil College of Architecture,
Akurdi Pune



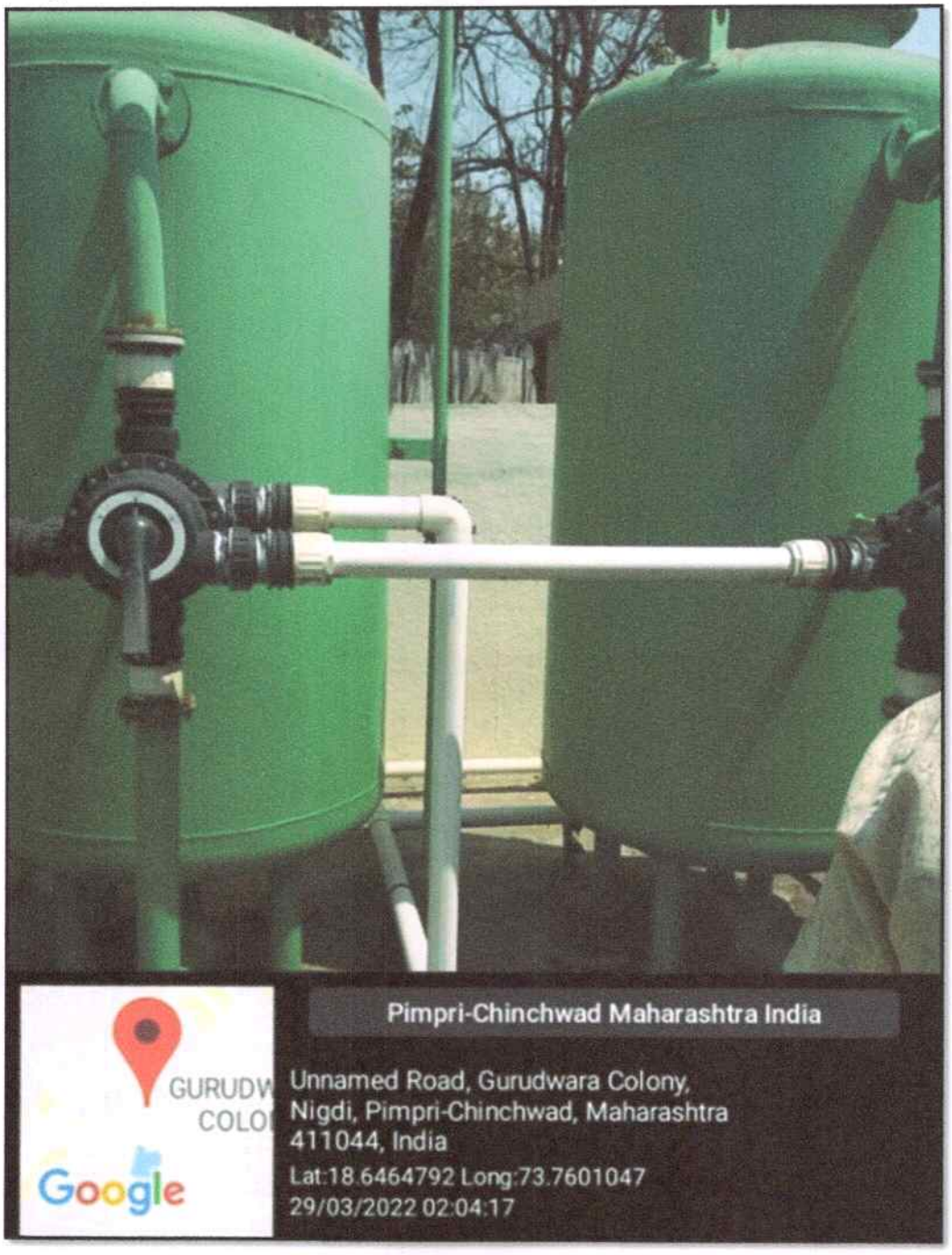
Geotagged photograph of vermicompost unit at D Y Patil Educational complex.

Geotagged photograph of vermicompost unit at D Y Patil Educational complex

Dr. D Y Patil Pratishthan's
Padmashree Dr. D Y Patil College of Architecture,
Akurdi Pune

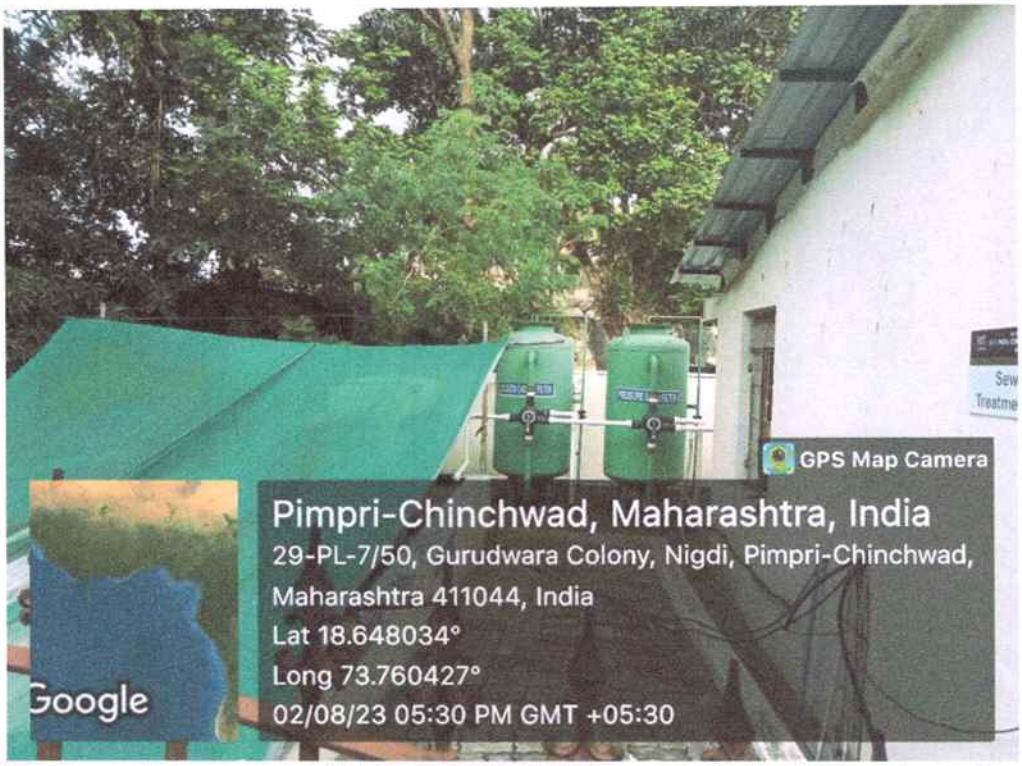
B. Liquid Waste Management

The College has installed Sewage Treatment Plant of capacity **100 KLPD** (Source-Energy Audit). The treated water is used for gardening purpose.

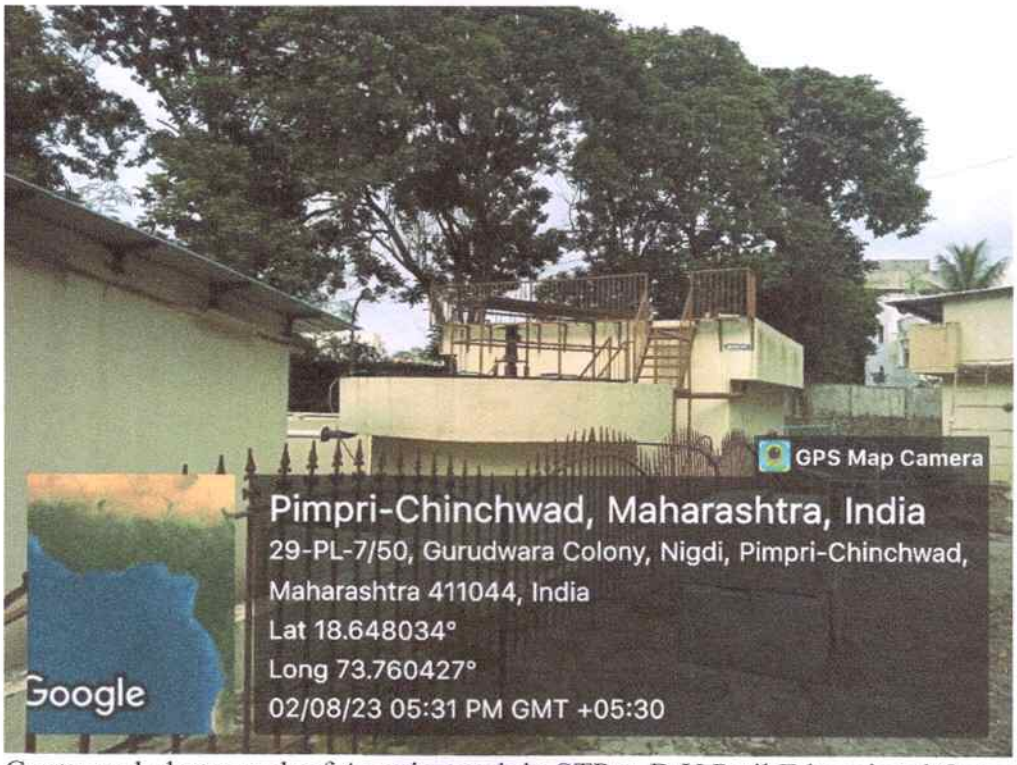


Photograph of Sewage Treatment Plant

Dr. D Y Patil Pratishthan's
Padmashree Dr. D Y Patil College of Architecture,
Akurdi Pune



Geotagged photograph of Sewage treatment plant at D Y Patil Educational Complex.



Geotagged photograph of Aeration tank in STP at D Y Patil Educational Complex.

Dr. D Y Patil Pratishthan's
Padmashree Dr. D Y Patil College of Architecture,
Akurdi Pune

C. Bio-medical Waste Management

As we know female have mensuration cycle. In this time period they generate bio-medical waste. College strength in ratio of male female is half. To manage of this type of waste is very challenging for institute. For managing bio-medical waste college has installed incinerator in Female toilet at college campus.

Geotagged photograph of incinerator at female toilet of college campus.

Dr. D Y Patil Pratishthan's
Padmashree Dr. D Y Patil College of Architecture,
Akurdi Pune

7.1.2

Environmental Consciousness and Sustainability and Divyangjan friendly Initiative

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

A. Rain Water Harvesting

College campus has understand the value of natural resources. For maintaining water table college has taken initiative to catch the water throughout the year and then filter that water after filtration process water directly recharge the ground water.

Satellite image of college campus, red patch shown catchment area of rain water harvesting.

Total quantity of run off

Q = C.I.A (According to National Building Code 2016)

Total catchment area A= 570 sq.m. approx. (Google earth)

Co-efficient for concrete slab= .80-.90 (USGBC)

Intensity of rainfall throughout the year = 76.3 cm(0.763 m)

Total quantity of water=348 m3 (348000 litre) approx.

Note- value is approx. final value may be differ for environment factor.

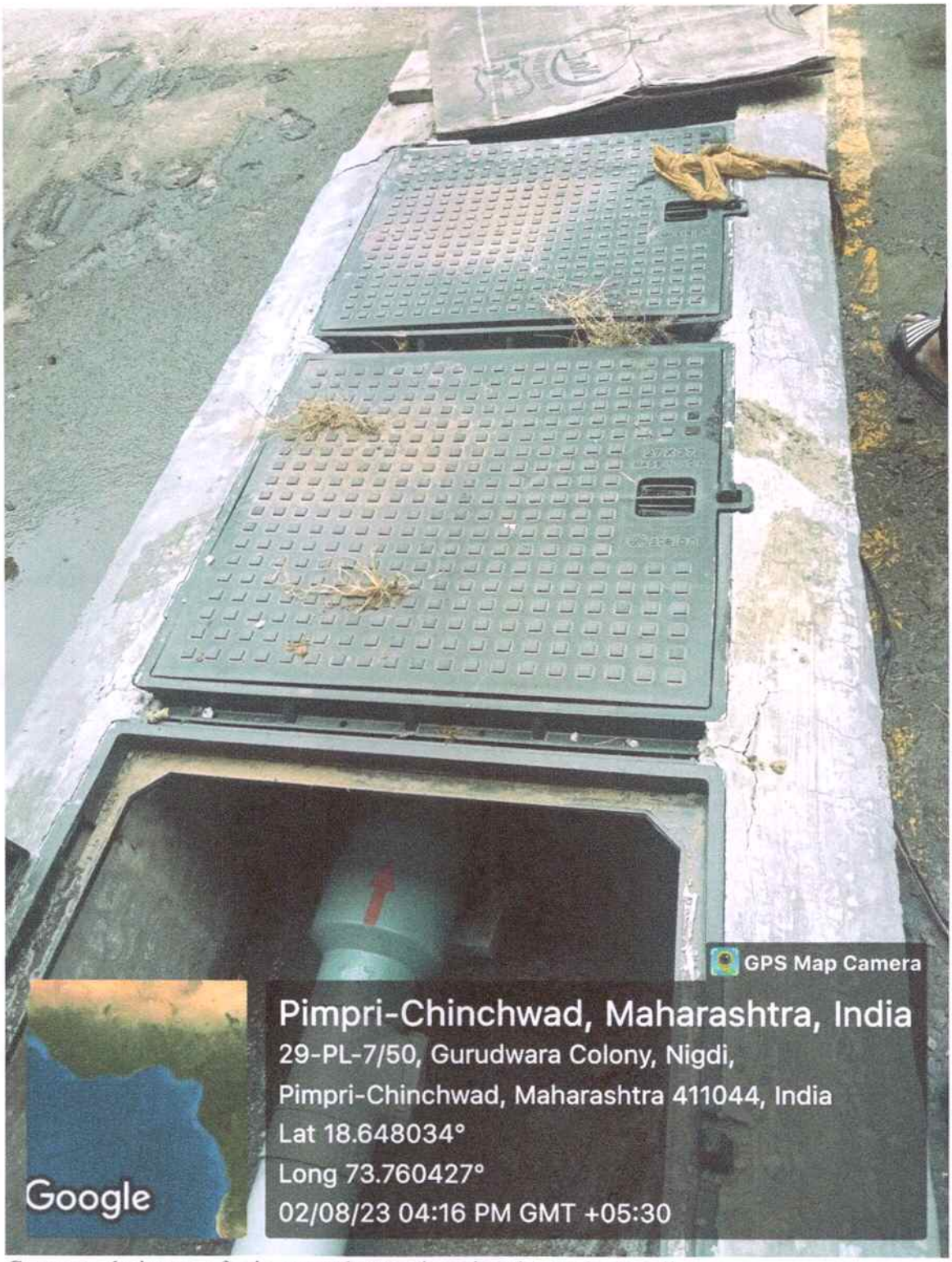
Satellite image shown location of borewell

Dr. D Y Patil Pratishthan's
Padmashree Dr. D Y Patil College of Architecture,
Akurdi Pune

Geotagged picture of downpipe in rain water harvesting system at campus

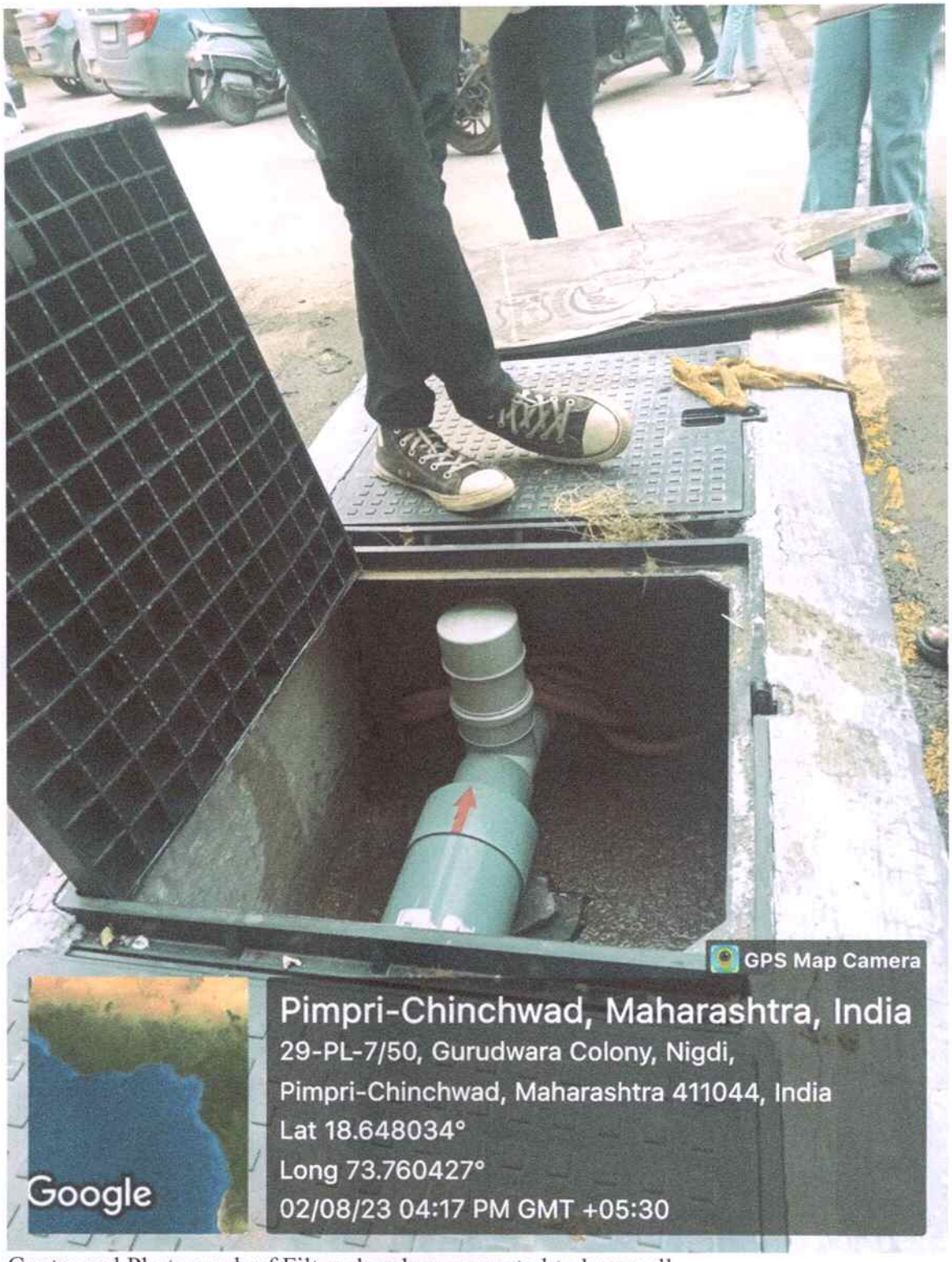
Dr. D Y Patil Pratishthan's
Padmashree Dr. D Y Patil College of Architecture,
Akurdi Pune

Dr D Y Patil Pratishthan's
PADMASHREE DR. D Y PATIL COLLEGE OF ARCHITECTURE
Sector No. 29, B/h. Akurdi Railway Station, Nigdi Pradhikaran, Akurdi, Pune - 411044



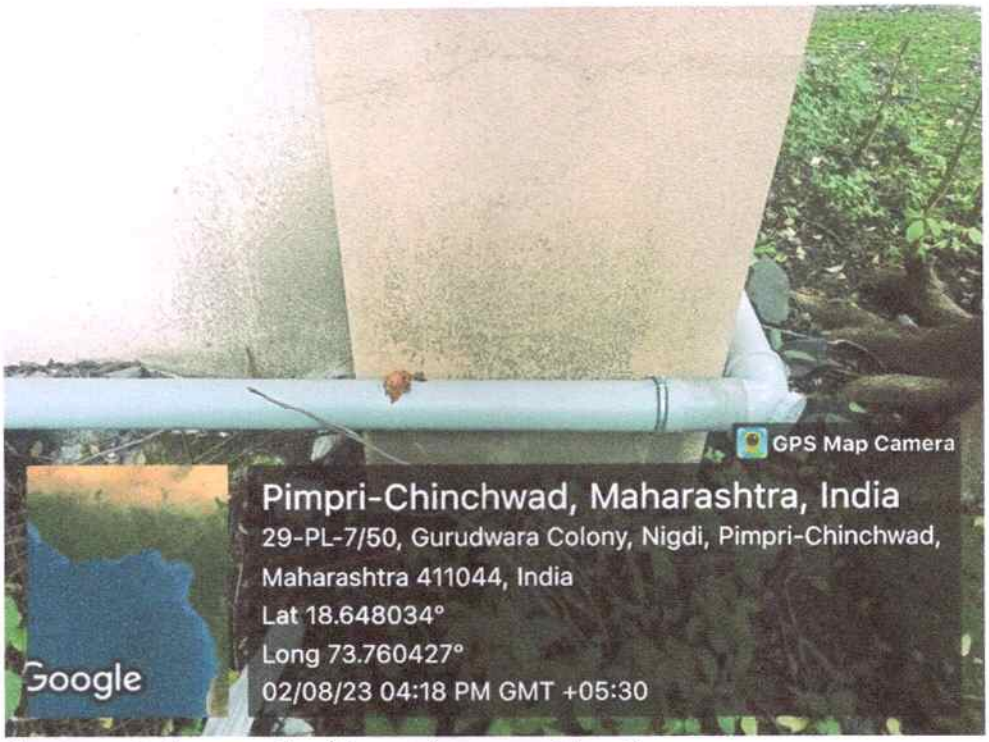
Geotagged picture of rain water harvesting chamber to borewell.

Dr. D Y Patil Pratishthan's
Padmashree Dr. D Y Patil College of Architecture,
Akurdi Pune

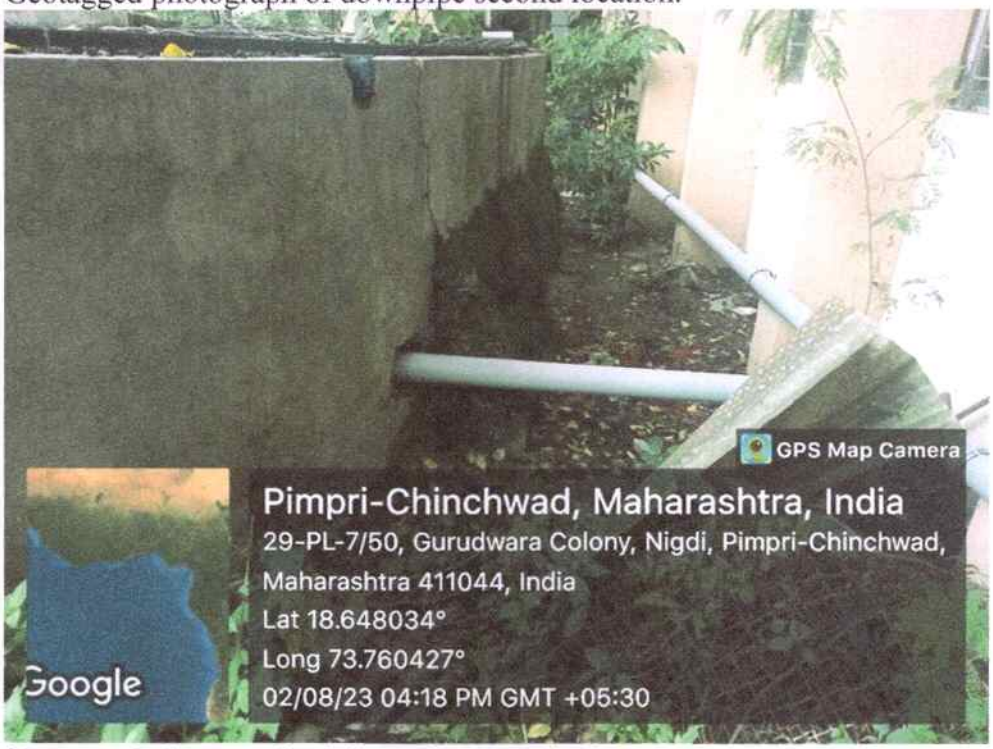


Geotagged Photograph of Filter chamber connected to borewell.

Dr. D Y Patil Pratishthan's
Padmashree Dr. D Y Patil College of Architecture,
Akurdi Pune



Geotagged photograph of downpipe second location.

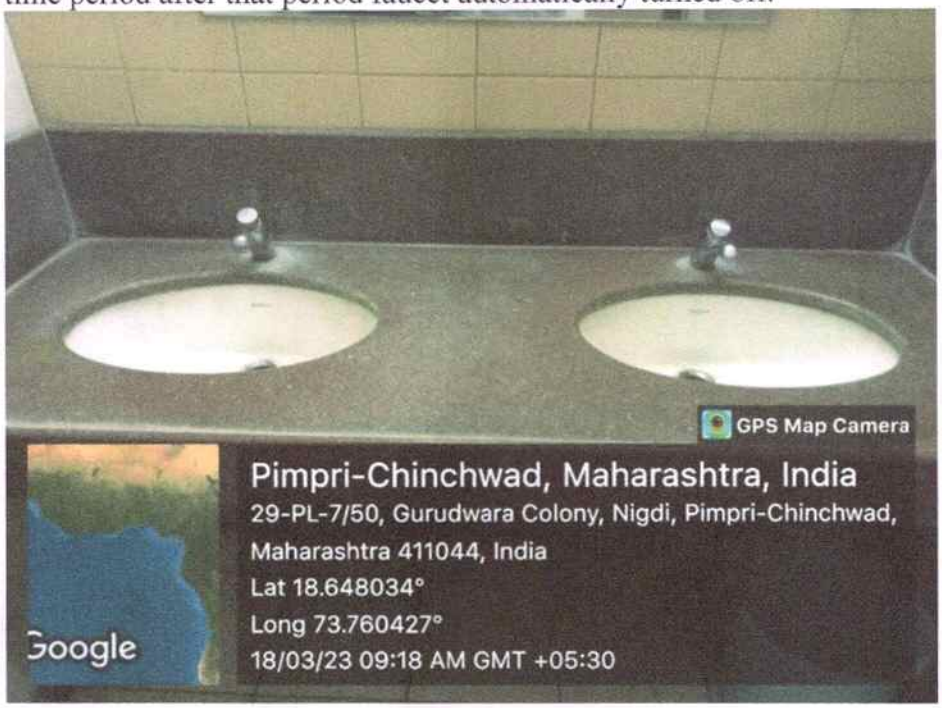


Geotagged photograph of downpipe to well.

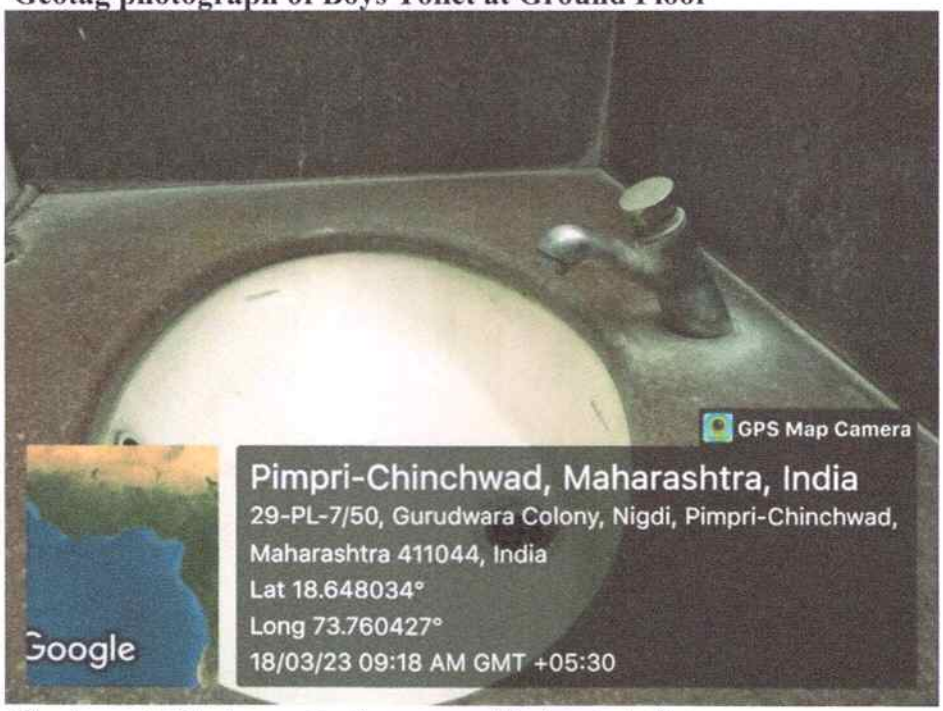
Dr. D Y Patil Pratishthan's
Padmashree Dr. D Y Patil College of Architecture,
Akurdi Pune

B. Pressmattic Tap

Generally institution building consume the water in the washroom. To avoide waste of water college has installed pressmattic type of faucet in washroom. Through this type of faucet we can control wastage of water because faucet has operate for limited time period after that period faucet automatically turned off.



Geotag photograph of Boys Toilet at Ground Floor



Geotagged Photograph of pressmattic tap in toilets.

Dr. D Y Patil Pratishthan's
Padmashree Dr. D Y Patil College of Architecture,
Akurdi Pune

C. Aerator

Installation of Aerator in faucet is technical initiative by college campus, through this small advancement we can save litres of water from wastage. Aerator decrease the operating time of faucet.

In practical perform by self- before installation of aerator operating time of faucet is around **8 second** (too high) total amount of water discharged approx. 450 ml.

After installation of aerator operating time of faucet is between **1-2 second** and total amount of water discharged approx. 100 ml.

Installation performed by an expert in female toilet at college campus.

Dr. D Y Patil Pratishthan's
Padmashree Dr. D Y Patil College of Architecture,
Akurdi Pune

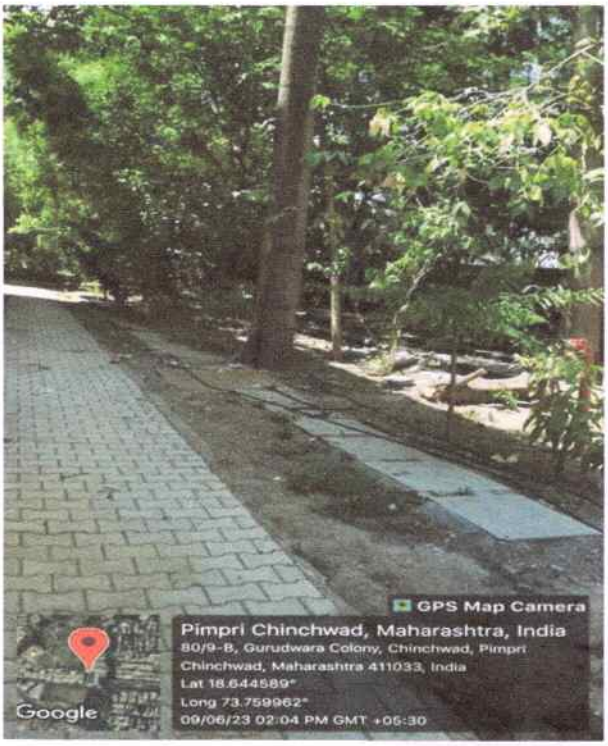
D. Irrigation Method

Dr. D Y Patil Educational Complex have huge green cover **19,425 sq.m.** (measure in Google Earth Pro). For maintain this green cover campus required huge amount of water. To reduce demand of water for gardening college campus adopted sprinklers irrigation for grass cover and drip irrigation for trees and plant.

Geotagged Photograph of sprinklers irrigation system.

Dr. D Y Patil Pratishthan's
Padmashree Dr. D Y Patil College of Architecture,
Akurdi Pune

Satellite image of campus showing green cover patches.



Geotagged Photograph of Drip Irrigation System for saving water from evaporation.

Dr. D Y Patil Pratishthan's
Padmashree Dr. D Y Patil College of Architecture,
Akurdi Pune

7.1.2

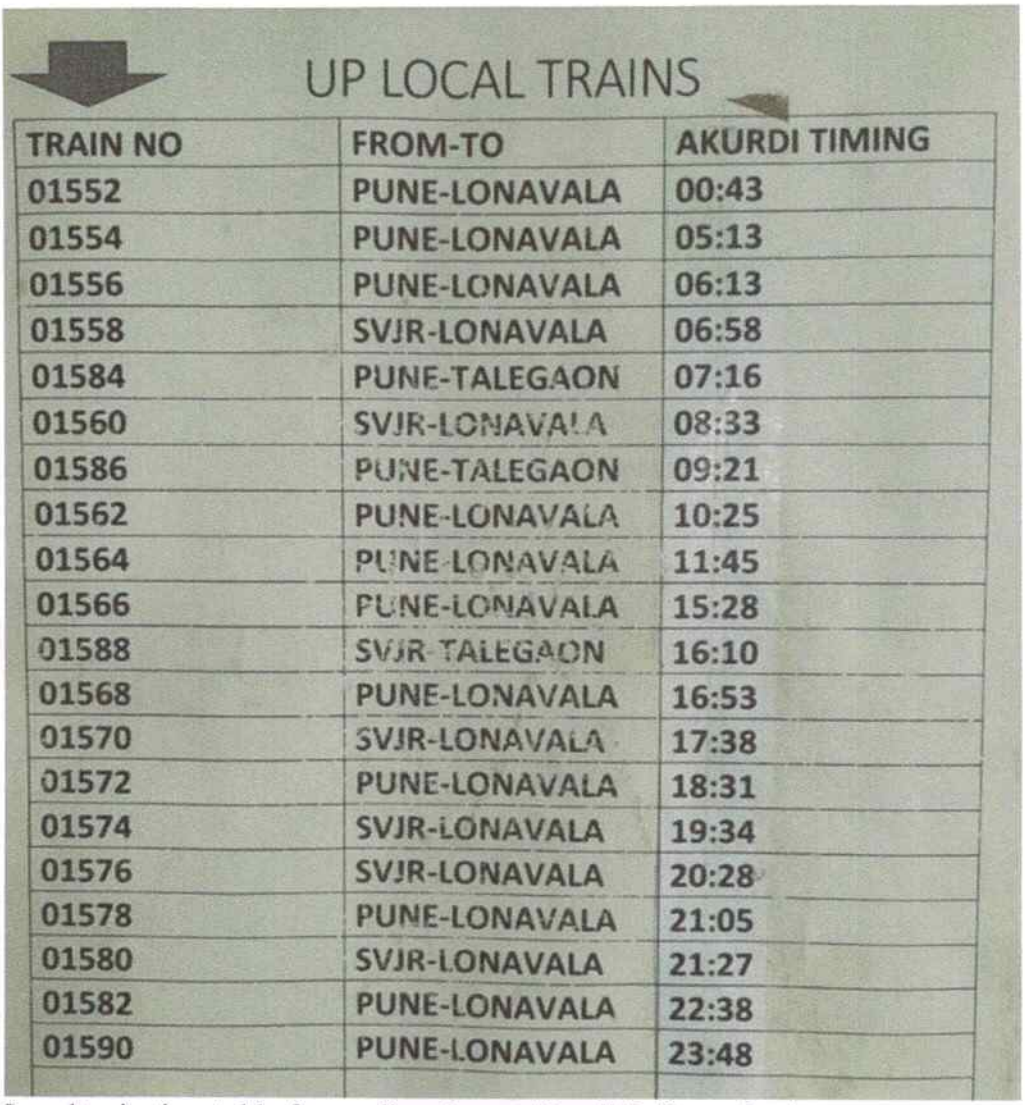
Environmental Consciousness and Sustainability and Divyangjan friendly Initiative

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

A. Use of Public and Environment Friendly Vehicle

College understanding environment seriousness, For helping environment college scheduled duty time according to local train with buffer time space because distance of railway station from college campus under 2 km.

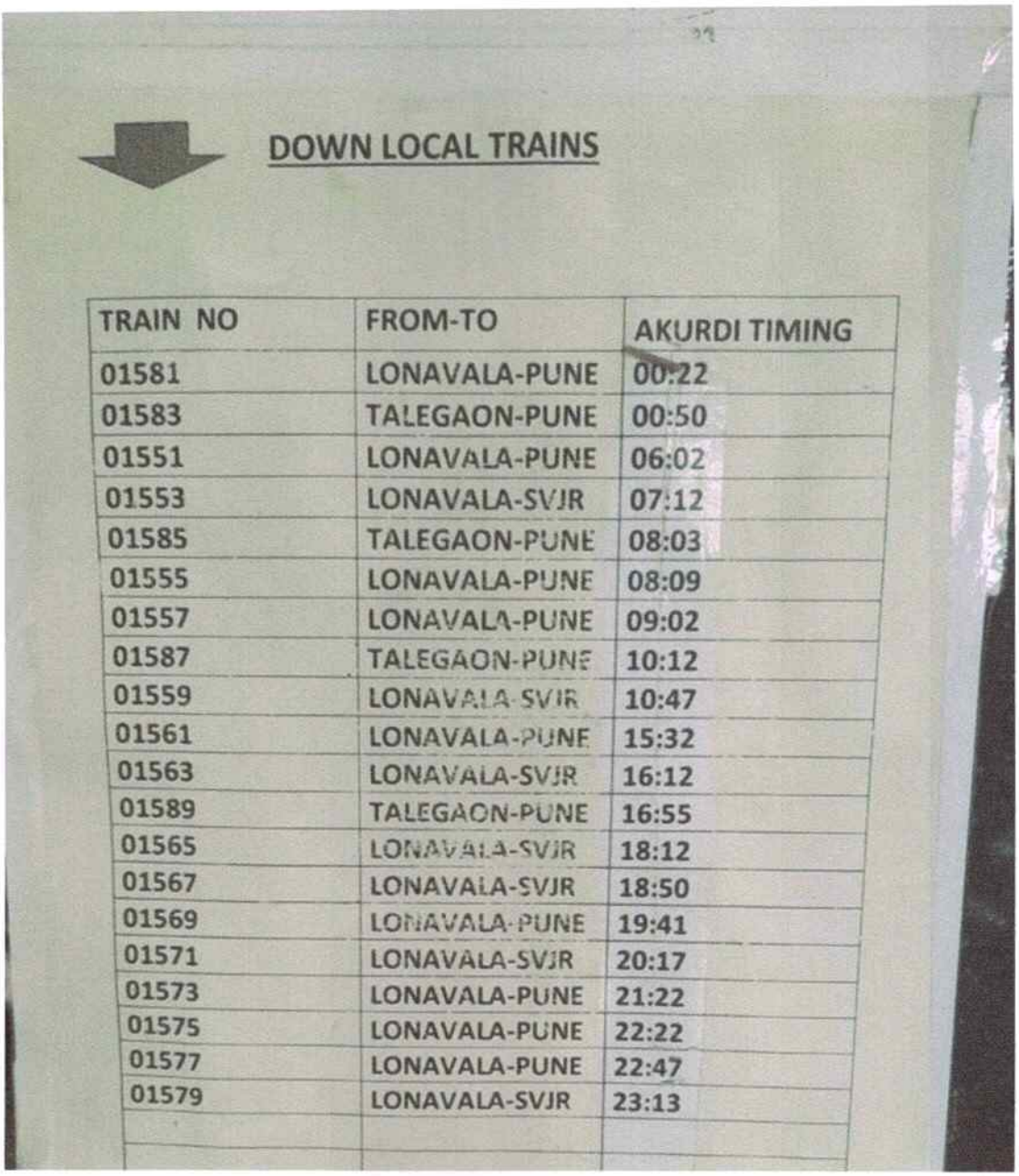


UP LOCAL TRAINS

TRAIN NO	FROM-TO	AKURDI TIMING
01552	PUNE-LONAVALA	00:43
01554	PUNE-LONAVALA	05:13
01556	PUNE-LONAVALA	06:13
01558	SVJR-LONAVALA	06:58
01584	PUNE-TALEGAON	07:16
01560	SVJR-LONAVALA	08:33
01586	PUNE-TALEGAON	09:21
01562	PUNE-LONAVALA	10:25
01564	PUNE-LONAVALA	11:45
01566	PUNE-LONAVALA	15:28
01588	SVJR-TALEGAON	16:10
01568	PUNE-LONAVALA	16:53
01570	SVJR-LONAVALA	17:38
01572	PUNE-LONAVALA	18:31
01574	SVJR-LONAVALA	19:34
01576	SVJR-LONAVALA	20:28
01578	PUNE-LONAVALA	21:05
01580	SVJR-LONAVALA	21:27
01582	PUNE-LONAVALA	22:38
01590	PUNE-LONAVALA	23:48

Local train time table for up direction at Akurdi Railway Station

Dr. D Y Patil Pratishthan's
Padmashree Dr. D Y Patil College of Architecture,
Akurdi Pune



DOWN LOCAL TRAINS

TRAIN NO	FROM-TO	AKURDI TIMING
01581	LONAVALA-PUNE	00:22
01583	TALEGAON-PUNE	00:50
01551	LONAVALA-PUNE	06:02
01553	LONAVALA-SVJR	07:12
01585	TALEGAON-PUNE	08:03
01555	LONAVALA-PUNE	08:09
01557	LONAVALA-PUNE	09:02
01587	TALEGAON-PUNE	10:12
01559	LONAVALA-SVJR	10:47
01561	LONAVALA-PUNE	15:32
01563	LONAVALA-SVJR	16:12
01589	TALEGAON-PUNE	16:55
01565	LONAVALA-SVJR	18:12
01567	LONAVALA-SVJR	18:50
01569	LONAVALA-PUNE	19:41
01571	LONAVALA-SVJR	20:17
01573	LONAVALA-PUNE	21:22
01575	LONAVALA-PUNE	22:22
01577	LONAVALA-PUNE	22:47
01579	LONAVALA-SVJR	23:13

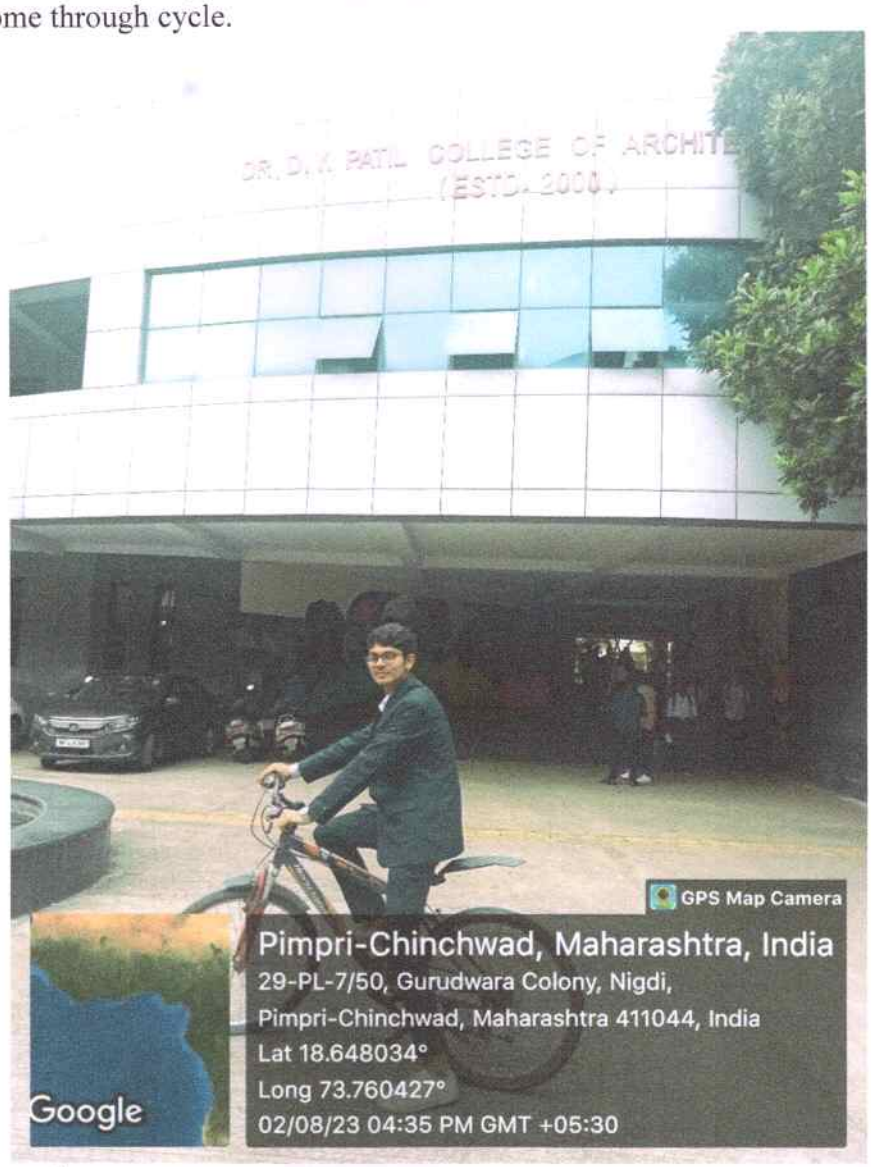
Local train table for down direction at akurdi railway station
According to time table train no.- 01586 and 01557 are suitable in the morning. 01570 and 01565 are suitable in evening.

Dr. D Y Patil Pratishthan's
Padmashree Dr. D Y Patil College of Architecture,
Akurdi Pune

List of faculties, and staff travel through local train & carpool-

S. No.	Name	Post
1	Ar Anagha Pathak	Faculty
2	Ar Poornima Chitale	Faculty
3	Mr Prakash Kamble	Staff
4	Mr Vinod Mohite	Staff
5	Mr Ranjit Podwal	Staff
6	Ar Parul Rajvi & Ms. Shruti Seth – Carpooling	

Most of them students stay near within 2 km radius, they attend college by walk and few students come through cycle.



Students from 1st year

Dr. D Y Patil Pratishthan's
Padmashree Dr. D Y Patil College of Architecture,
Akurdi Pune

Dr D Y Patil Pratishthan's
PADMASHREE DR. D Y PATIL COLLEGE OF ARCHITECTURE
Sector No. 29, B/h. Akurdi Railway Station, NigdiPradhikaran, Akurdi, Pune - 411044

Date: 01/11/2021

NOTICE

This is to inform all teaching staff, non-teaching and students from 1st November 2021, DYPCOA has banned the use of single use plastic in the campus, as an initiative towards environment safety.

Same has also been circulated in eating outlets of the campus and instruction are given to promote maximum use of non-plastic serving dishes for the users.

(Ar. Nupur Chichkhede)
Academic Co-ordinator

(Ar. Dhananjay Chaudhari)
Principal

Dr. D Y Patil Pratishthan's
Padmashree Dr. D Y Patil College of Architecture,
Akurdi Pune

B. Ban on use of Plastic

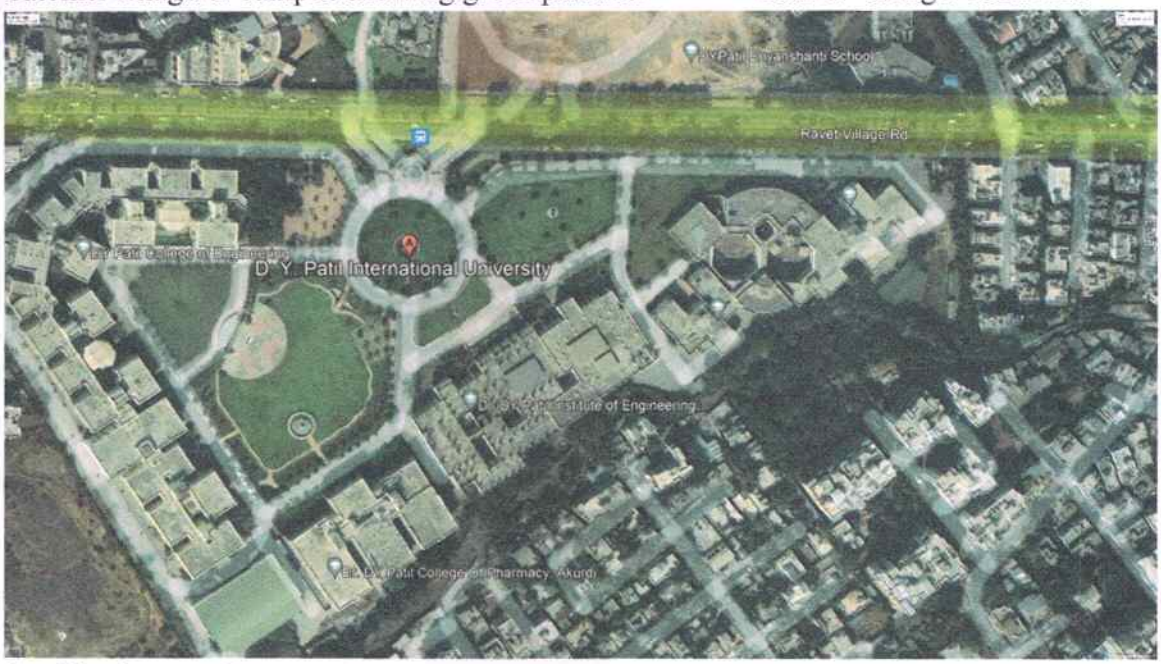
Geotagged photograph of "Say no to plastic" signage placed at campus corridor area.

Dr. D Y Patil Pratishthan's
Padmashree Dr. D Y Patil College of Architecture,
Akurdi Pune

C. Landscaping with Tree and Plant

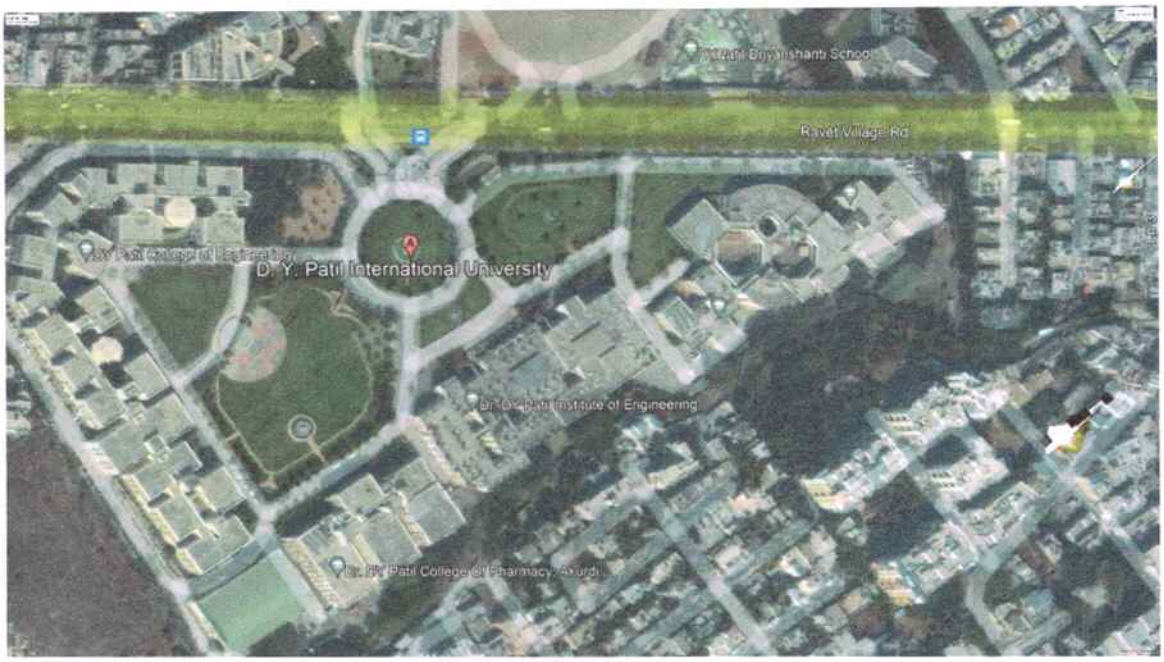
Campus has very huge green cover with various trees, plants, shrubs, landform and water bodies.

Satellite Image of campus showing green patches. Source- Google Earth Pro

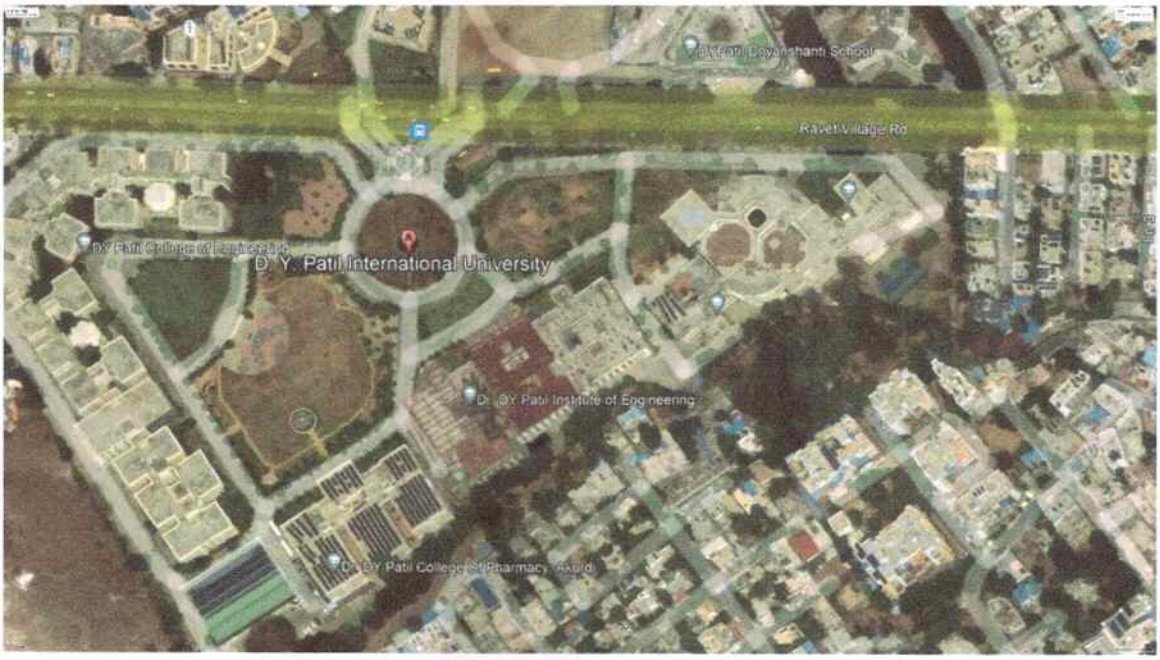


Satellite image of campus 2017

Dr. D Y Patil Pratishthan's
Padmashree Dr. D Y Patil College of Architecture,
Akurdi Pune

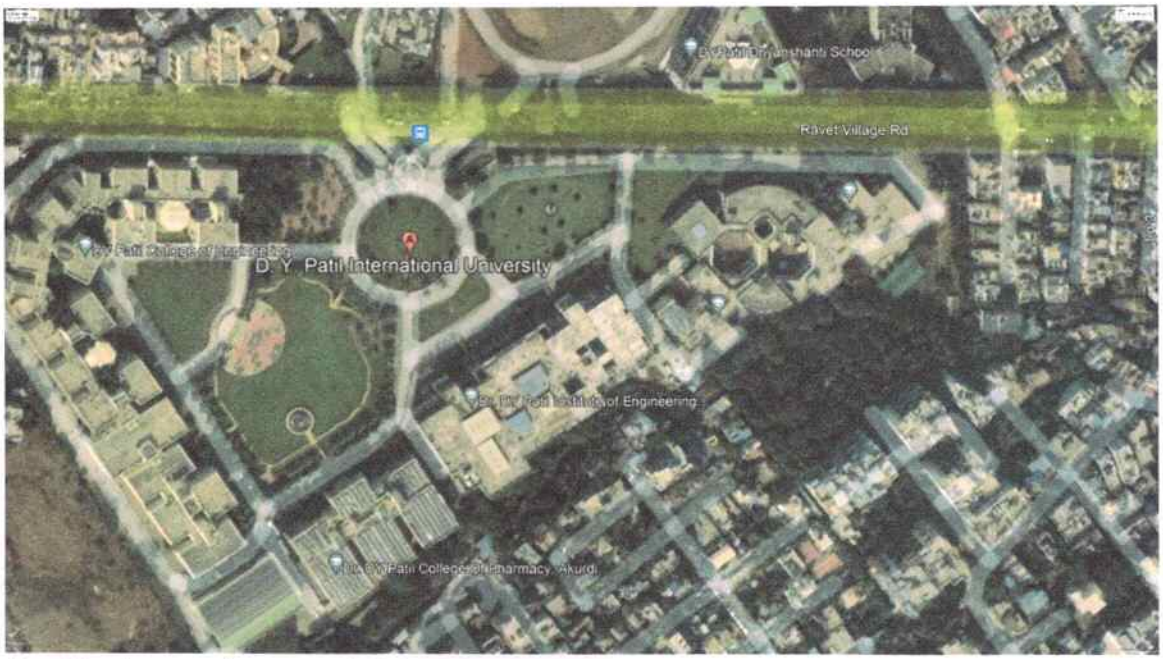


Satellite image of campus 2018

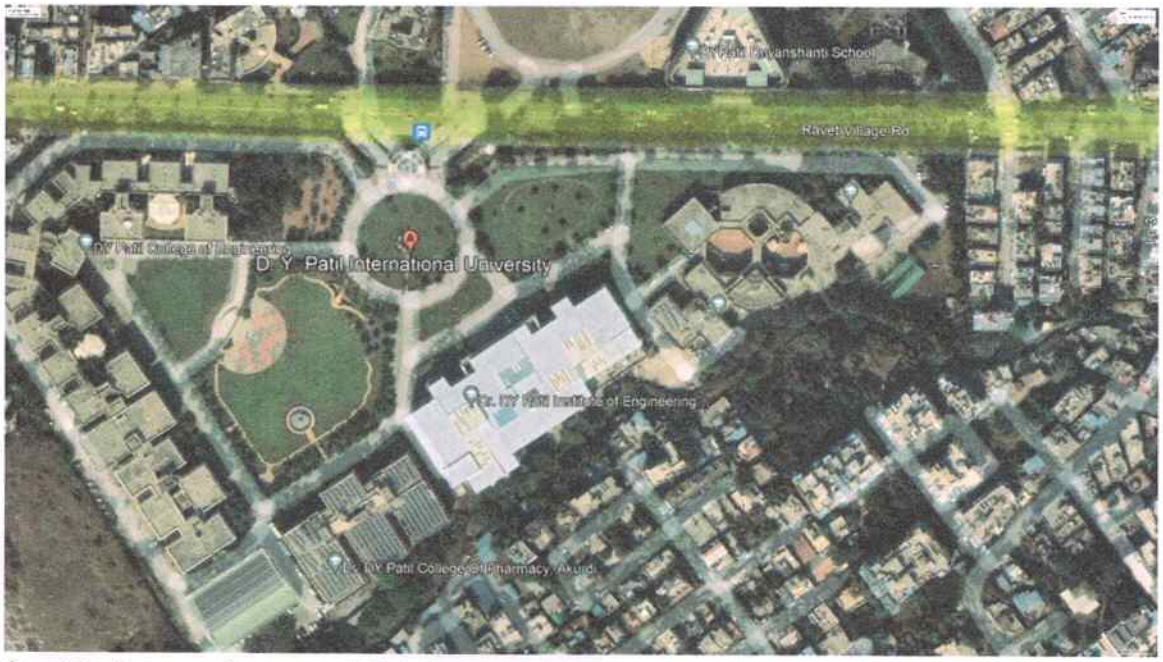


Satellite image of campus 2019

Dr. D Y Patil Pratishthan's
Padmashree Dr. D Y Patil College of Architecture,
Akurdi Pune

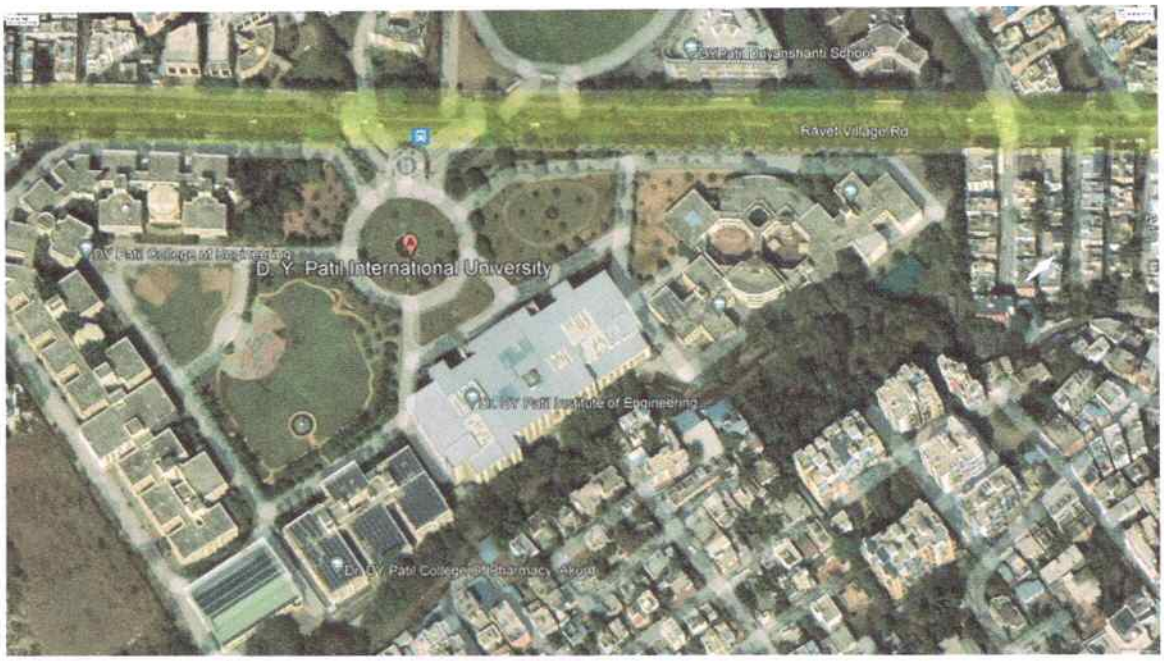


Satellite image of campus 2020



Satellite image of campus 2021

Dr. D Y Patil Pratishthan's
Padmashree Dr. D Y Patil College of Architecture,
Akurdi Pune



Satellite image of campus 2022

List of Tree planted in campus

No	Common Name of Tree/Plant	Qty
1	Chafa	52
2	SonChafa	17
3	Pimpal	4
4	Vad	3
5	Umbar	6
6	Gulmohor	34
7	Sisum	5
8	Neem	11
9	Bahava	33
10	Karanj	7
11	Suru	11
12	Kanchan	42
13	Bakul	1
14	Coconut	21
15	Ber	3

Dr. D Y Patil Pratishthan's
Padmashree Dr. D Y Patil College of Architecture,
Akurdi Pune

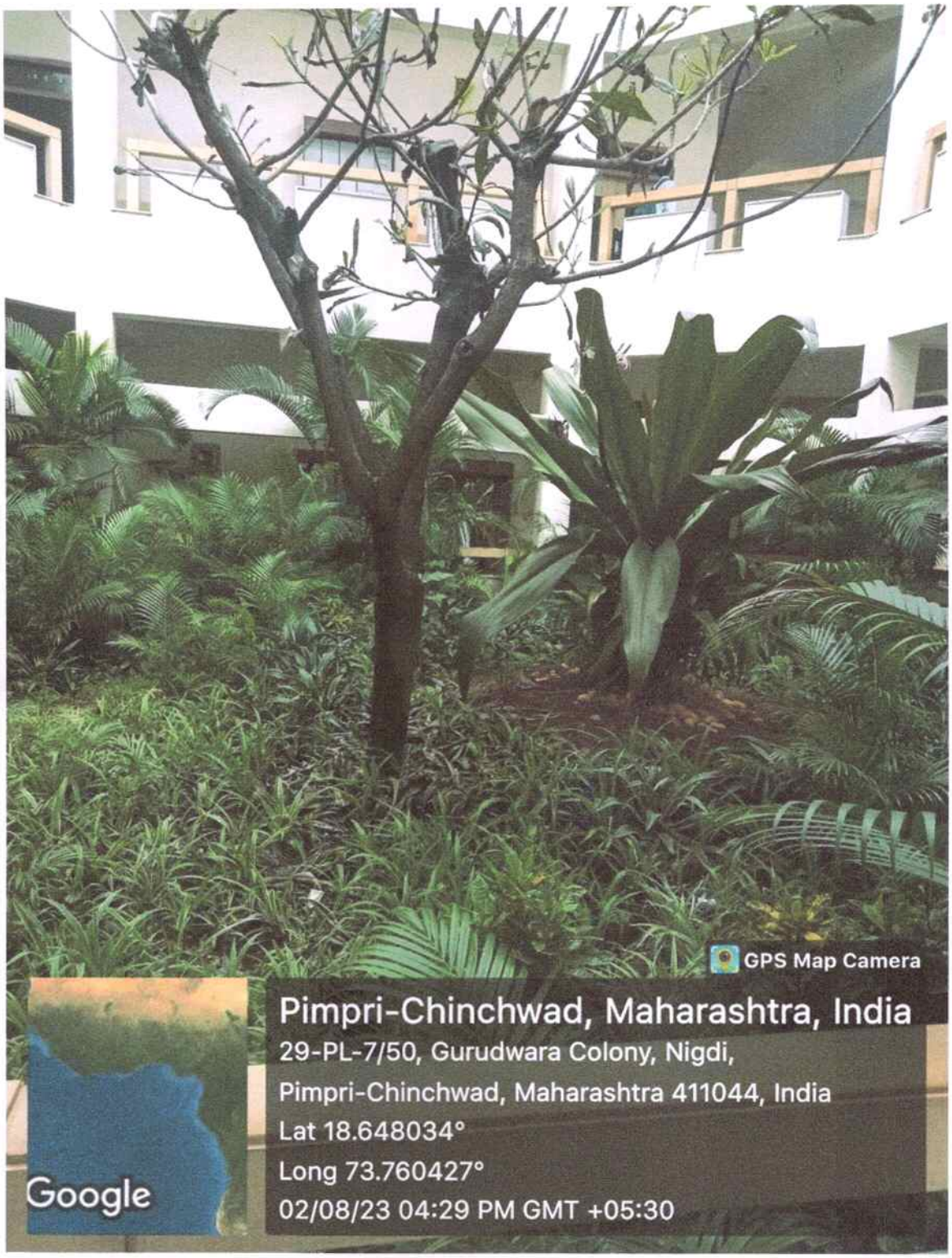
16	Almond	4
17	Jamun	7
18	Jack fruit	2
19	Cashew nut	1
20	Custard Apple	4
21	Guava	7
22	Mango	24
23	Pomegranate	1
24	Drum stick	16
25	Traveller Palm	1
26	Foxtail Palm	20
27	Christmas Tree	18
28	Bottle Palm	66
29	Bottle Brush	25
30	Ficus- Black	45
31	Ficus- Safari	5
32	Spathodium	48
33	Rubber Plant	6
34	Acasia	106
35	Saptapani	46
36	Furn	81
37	Tokomo	5
38	Soilver Oak	26
39	Pentak	12
40	Jatropha	17
41	Lemon	1
42	Arecanut	16
	Total	**860**

Dr. D Y Patil Educational Complex have several course for these courses they required varies species of plant and trees.

Dr. D Y Patil Pratishthan's
Padmashree Dr. D Y Patil College of Architecture,
Akurdi Pune

Geotagged photograph of Campus- totally shaded pathway from heavy foliage tree.

Dr. D Y Patil Pratishthan's
Padmashree Dr. D Y Patil College of Architecture,
Akurdi Pune

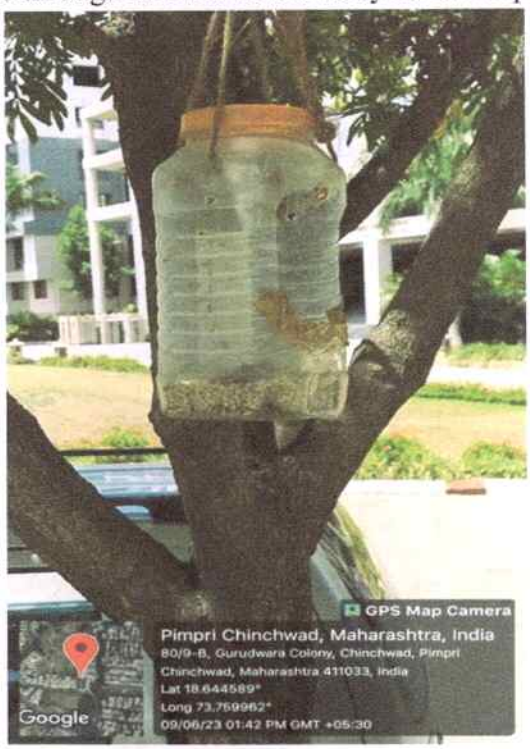


Geotagged photograph of green courtyard.

Dr. D Y Patil Pratishthan's
Padmashree Dr. D Y Patil College of Architecture,
Akurdi Pune

Feeder Installation-

College has installed feeders for bird and squirrel at various places, Feeder designed by plastic waste through Reduce Reuse Recycle Concept.



Feeders prepared from waste plastic bottles are installed for birds at various places

Provision of water and feed for birds during summer season is done using waste plastic bottles and jars.

Dr. D Y Patil Pratishthan's
Padmashree Dr. D Y Patil College of Architecture,
Akurdi Pune

D. Additional Information

Geotagged photograph of "Recycle, Reduce & Reuse" Concept Signage at every strategic location.

Dr. D Y Patil Pratishthan's
Padmashree Dr. D Y Patil College of Architecture,
Akurdi Pune

7.1.2

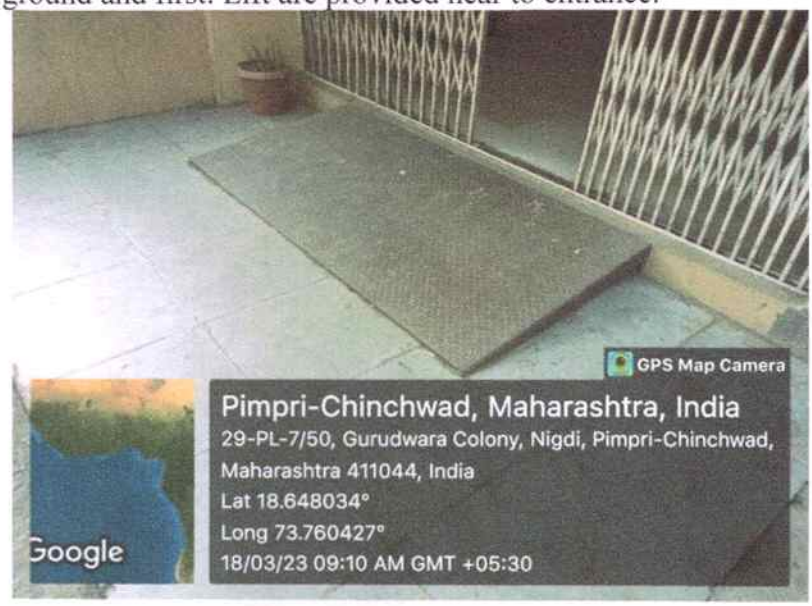
Environmental Consciousness and Sustainability and Divyangjan friendly Initiative

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**

A. Built environment with ramps/lifts for easy access to classrooms

College campus are friendly for disabled person, Disable person can access every studio, library and toilets on ground floor without any hurdle. Disable person can access every corner of the campus without any hurdle. College has two storey structure ground and first. Lift are provided near to entrance.



Cast iron ramp on entrance for disabled person

Geotagged photograph of ramp

Dr. D Y Patil Pratishthan's
Padmashree Dr. D Y Patil College of Architecture,
Akurdi Pune

Ramp provision for in campus movement.

Dr. D Y Patil Pratishthan's
Padmashree Dr. D Y Patil College of Architecture,
Akurdi Pune

Geotagged photograph of lift access from ground floor to first floor.

Dr. D Y Patil Pratishthan's
Padmashree Dr. D Y Patil College of Architecture,
Akurdi Pune

College has facility of Wheel Chair in case of emergency and for movement of disabled person. College has adopted technology for disabled person. College has motor based wheel chair, it's helpful in staircase dragging.

Geotag photograph of parking space for disabled person at near entrance.

Dr. D Y Patil Pratishthan's
Padmashree Dr. D Y Patil College of Architecture,
Akurdi Pune

Geotagged photograph of mechanized wheel chair.

Dr. D Y Patil Pratishthan's
Padmashree Dr. D Y Patil College of Architecture,
Akurdi Pune

B. Disabled friendly Washrooms

College understanding difficulties in regular life of disabled person. For making regular life activity of disabled person smoothly college has installed grab bars in every washroom on ground floor for supporting disabled person.

Geotagged Photograph of installation of grab bar at male toilet.

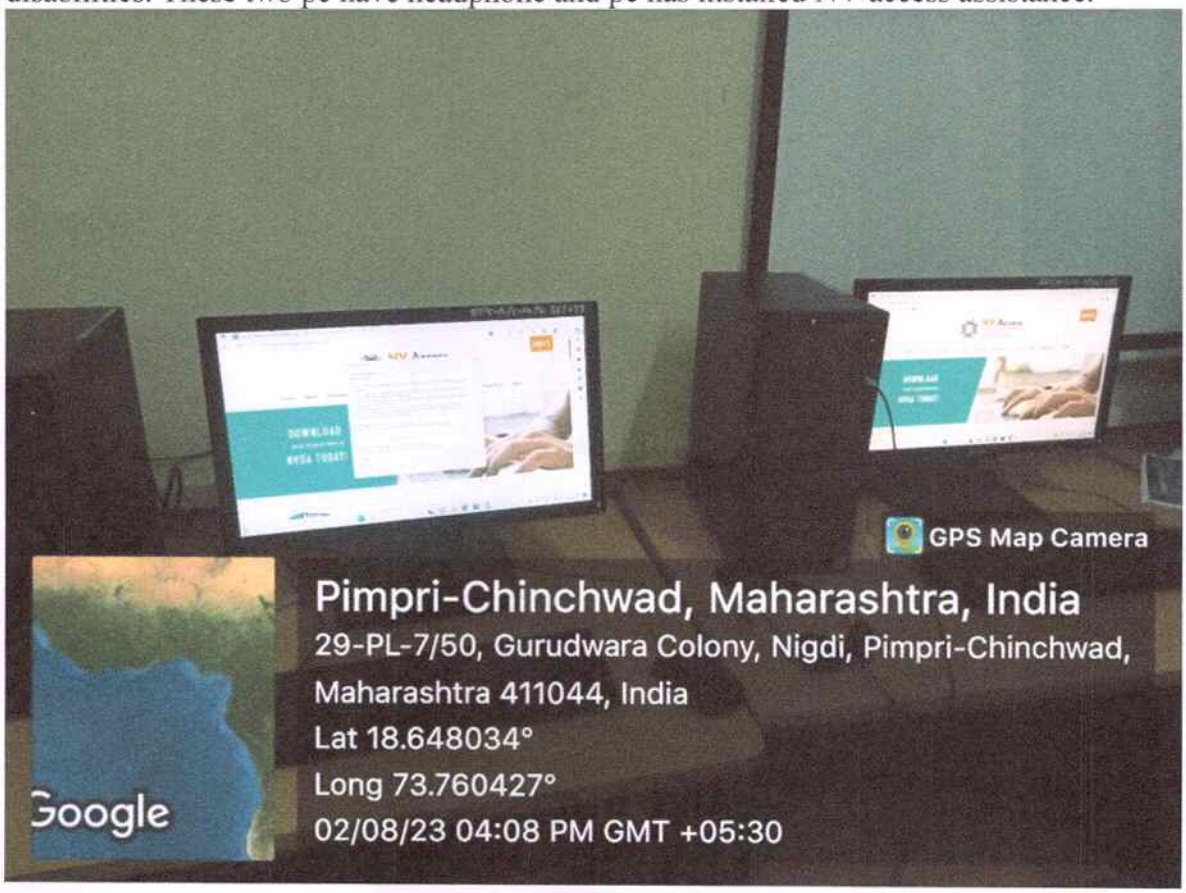
Dr. D Y Patil Pratishthan's
Padmashree Dr. D Y Patil College of Architecture,
Akurdi Pune

Geotagged Photograph of installation of grab bar at female toilet.

Dr. D Y Patil Pratishthan's
Padmashree Dr. D Y Patil College of Architecture,
Akurdi Pune

C. Assistive Technology for Disabled Person

Classification of Disability is tough and different, Another challenge for disabled people is adopt to technology. In disability, every disabled person can easily adopt technology except eye sight disabled. College has reserved two PC for that type of disabilities. These two pc have headphone and pc has installed NV access assistance.



Geotagged photograph of reserved pc for eye sight relevant disabled person.

Statement of Purpose for NV Access

1. To facilitate the development of open-source assistive technologies for blind and vision impaired people that are free of charge to the end user.
2. To provide low cost information technology solutions which enhance accessibility for blind and vision impaired people.
3. To act as a fundraising body to support the various projects encompassed by the organisation.
4. To encourage and facilitate contributions to the overall effort of the organisation.
5. To contribute to existing and future efforts aimed at improving accessibility for blind and vision impaired people.
6. To raise awareness and promote the importance of accessibility.

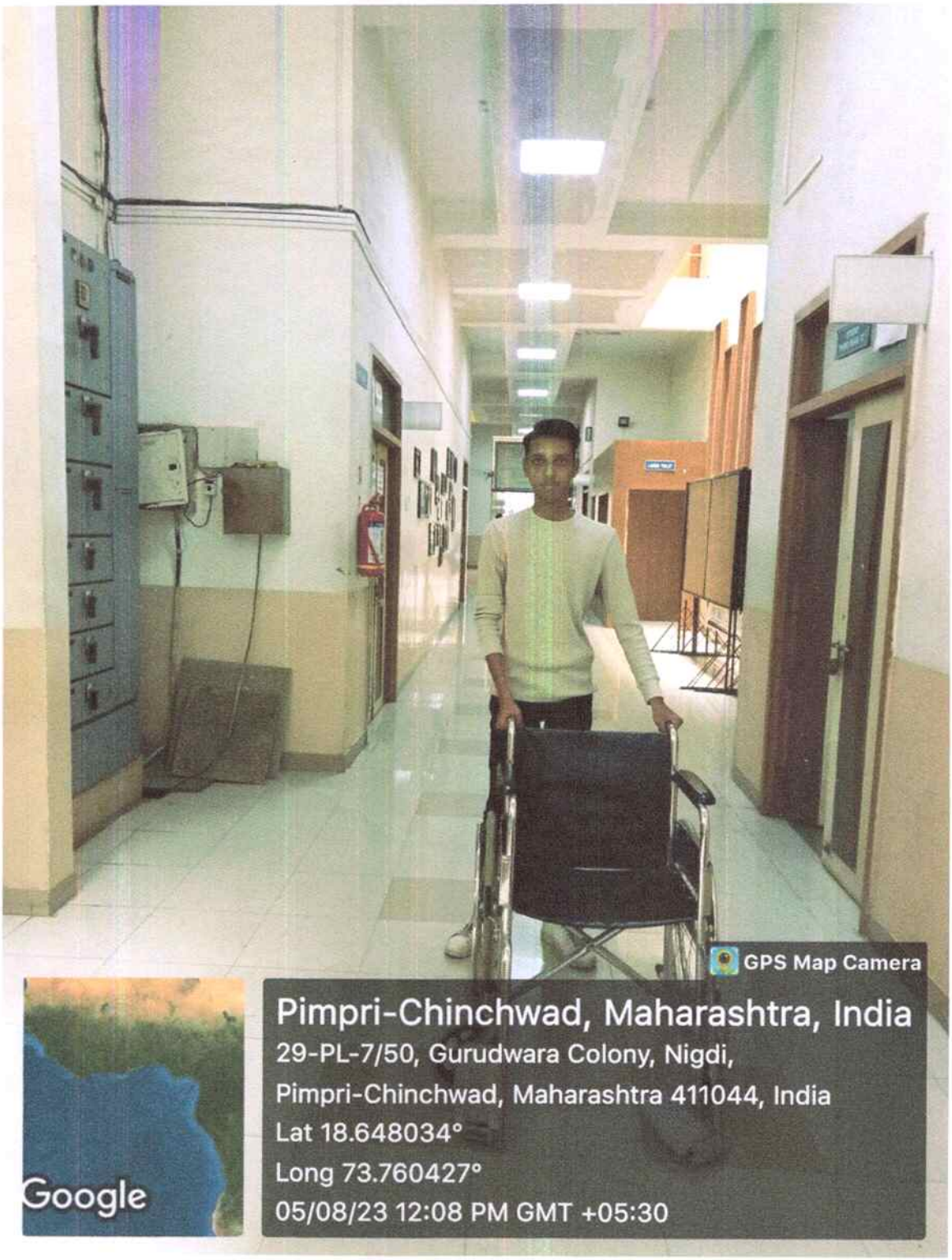
Dr. D Y Patil Pratishthan's
Padmashree Dr. D Y Patil College of Architecture,
Akurdi Pune

Home screen of NV Access software.

Dr. D Y Patil Pratishthan's
Padmashree Dr. D Y Patil College of Architecture,
Akurdi Pune

Geotagged photograph of doors, it's easily access to wheel chair.

Dr. D Y Patil Pratishthan's
Padmashree Dr. D Y Patil College of Architecture,
Akurdi Pune



Geotagged photograph of college corridor, it has sufficient width for movement of disabled person.

Dr. D Y Patil Pratishthan's
Padmashree Dr. D Y Patil College of Architecture,
Akurdi Pune