



DTE Code : **EN6315**



NAAC Accredited

AICTE ID : 1-8019451
MSHE Code : 6-11165

HOLY-WOOD ACADEMY'S
SANJEEVAN

ENGINEERING & TECHNOLOGY INSTITUTE, PANHALA

Sanjeevani Knowledge City, Somwar Peth-Injole, Panhala, Tal. Panhala, Dist. Kolhapur.
Pin- 416 201 (Maharashtra) Phone : 9146999500

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Preface	Content
7.1.2.	The institution has facilities and initiative for
	1. Alternate sources of energy and conservation measures
	I. Solar energy
	II. Sensor based energy conservation
	III. Use of LED bulbs or power efficient equipment
	2. Management of the various types of degradable and non degradable waste
	I. Liquide waste management
	II. E-waste management
	III. Waste recycling system
	3. Water conservation
	I. Rain water harvesting
	II. Bore well / open well recharge
	III. Construction of tanks and bunds
	IV. Waste water recycling
	4. Green campus initiative
	I. Restricted entry of automobiles
	II. Use of battery vehicles
	III. Ban on use of plastic
	IV. Land scaping with trees and plants
	5. Disabled friendly , barrier free environment
	I. Built environment with ramp
	II. Disabled friendly washrooms



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Use of Solar Energy







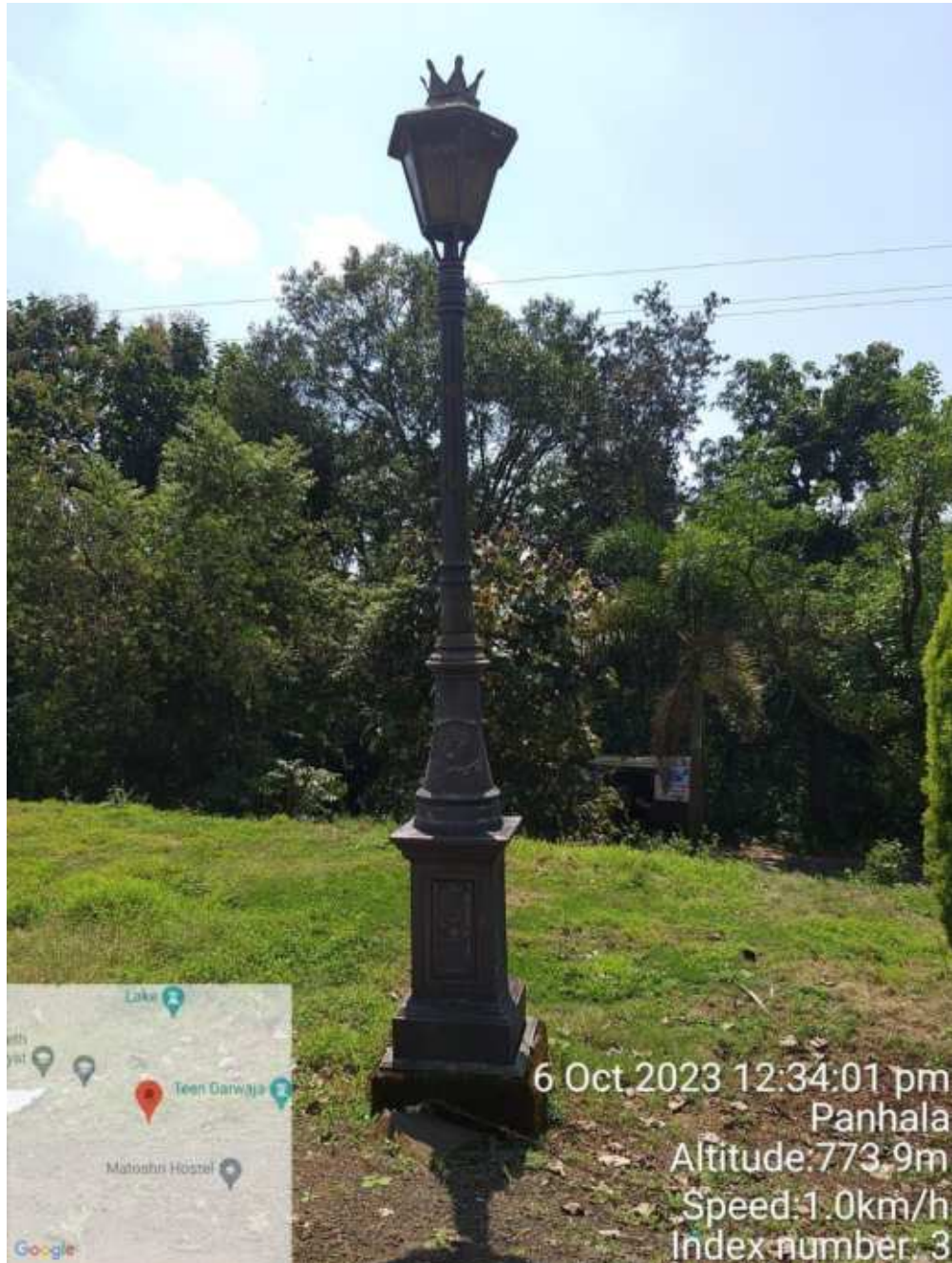
Use of Wind Energy





6 Oct 2023 12:56:35 pm
Altitude:777.5m
Speed:1.0km/h
Index number: 27

Sensor Based Street Light





Power House





6 Oct 2023 12:38:04 pm
Panhala
Altitude:770.6m
Speed:0.0km/h
Index number: 9



Comm.



6 Oct 2023 12:37:54 pm

Panhala

Altitude: 771.1m

Speed: 0.0km/h

Index number: 8

3. Use of LED Bulbs



3.1 Light Load Calculation

- Total light load connected in the institution = 42420 Watt
- LED load connected in the institution = 34270Watt
- Light load other than LED = 8150 Watt
- Percentage of Led lights in the institution out of total light load = $(34270/42120) * 100$
= 80.28%



Mr. D. S. Bhosale

Head of the Department
Electrical Engineering
Sanjeevan Engg. & Tech. Institute
Somwar Peth, Panhala - 416 201



Principal

Dr. S.N.Jain



Holy-wood Academy, Kolhapur's

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Sanjeevan Knowledge City, Somwar Peth- Injole, Panhala, Tal. Panhala, Dist. Kolhapur
Pin- 416 201. (Maharashtra) Phone : 0231 - 2686600, 21 Fax : 0231 - 2686629

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Website : www.seti.edu.in Email : principal@seti.edu.in / office@seti.edu.in

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7.1.2 Alternative Energy initiatives such as:

1. Percentage of annual power requirement of the Institution met by the renewable energy sources

Power Requirement met by Renewable energy sources	Total Power requirement	Renewable energy sources	Renewable energy generated and used	Energy Supplied to the grid
Generated 90000 KWH and Remaining Installation under process	559392KWH	Solar & Wind Hybrid	installed	NIL
		Solar PV panel	Installation Under Process	NIL

7.1.2: Alternative Energy Sources:

A) Present energy generation by renewable energy sources:

I) solar power plant capacity: 70 kW

II) Hybrid (Solar + Wind) power plant capacity: 50 kW

Total Capacity: 70kW + 50kW = 120 kW

Total Energy generation by both plants from 1st Apr 2022 to 31st March 2023 is 90000 KWH

Total Energy requirement from 1st Apr 2022 to 31st March 2023 is KWH

Percentage of energy met by the renewable energy sources as per same year Energy requirement

: $(90000\text{KWH}/559392\text{KWH}) * 100$

=16.08%

B) Proposed energy generation by renewable energy sources

I. Solar power plant proposed capacity: 182 kW

Approximately power generation by same plant is 196560 KWH

Total power will be generated by the whole renewable sources in a year is 326160 kWh

Percentage of energy will be met by the renewable energy sources


$$= (326160\text{KWH}/559329\text{KWH}) * 100$$
$$= 58.31\%$$

SETI Campus Monthly Demands / Units Data

Sr.No.	Month /Period	Max Demand IN KVA	Power Factor	Total No.of Unit
1	Apr-22	156	0.996	38,749
2	May-22	156	0.992	30,616
3	Jun-22	156	0.994	38,508
4	Jul-22	156	0.998	61,325
5	Aug-22	156	0.996	55,957
6	Sep-22	156	0.992	42,201
7	Oct-22	156	0.993	43,564
8	Nov-22	156	0.995	43,284
9	Dec-22	156	0.993	53,421
10	Jan-23	156	0.996	50,340
11	Feb-23	156	0.996	49,726
12	Mar-23	156	0.996	51701
		Average Value in KVA=156	0.995	Annual Unit Consumed During period of APR 2022 To Mar 2023 =559392 units


Maintenance Incharge


PRINCIPAL
Sanjeevan Engg. & Tech. Institute
Somwar Peth, Panhala - 416 201


H.O.D
Head of the Department
Electrical Engineering
Sanjeevan Engg. & Tech. Institute
Somwar Peth, Panhala- 416 201

HOLY-WOOD ACADEMY'S



॥ वाचं धेनुमुपासीत ॥

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1) Waste water recycling.

The waste water collected from the campus is taken to farm near the campus where horse feed is cultivated.





Photograph—Waste water conveyed to horse feed farm





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उत्तरे भवेति ॥

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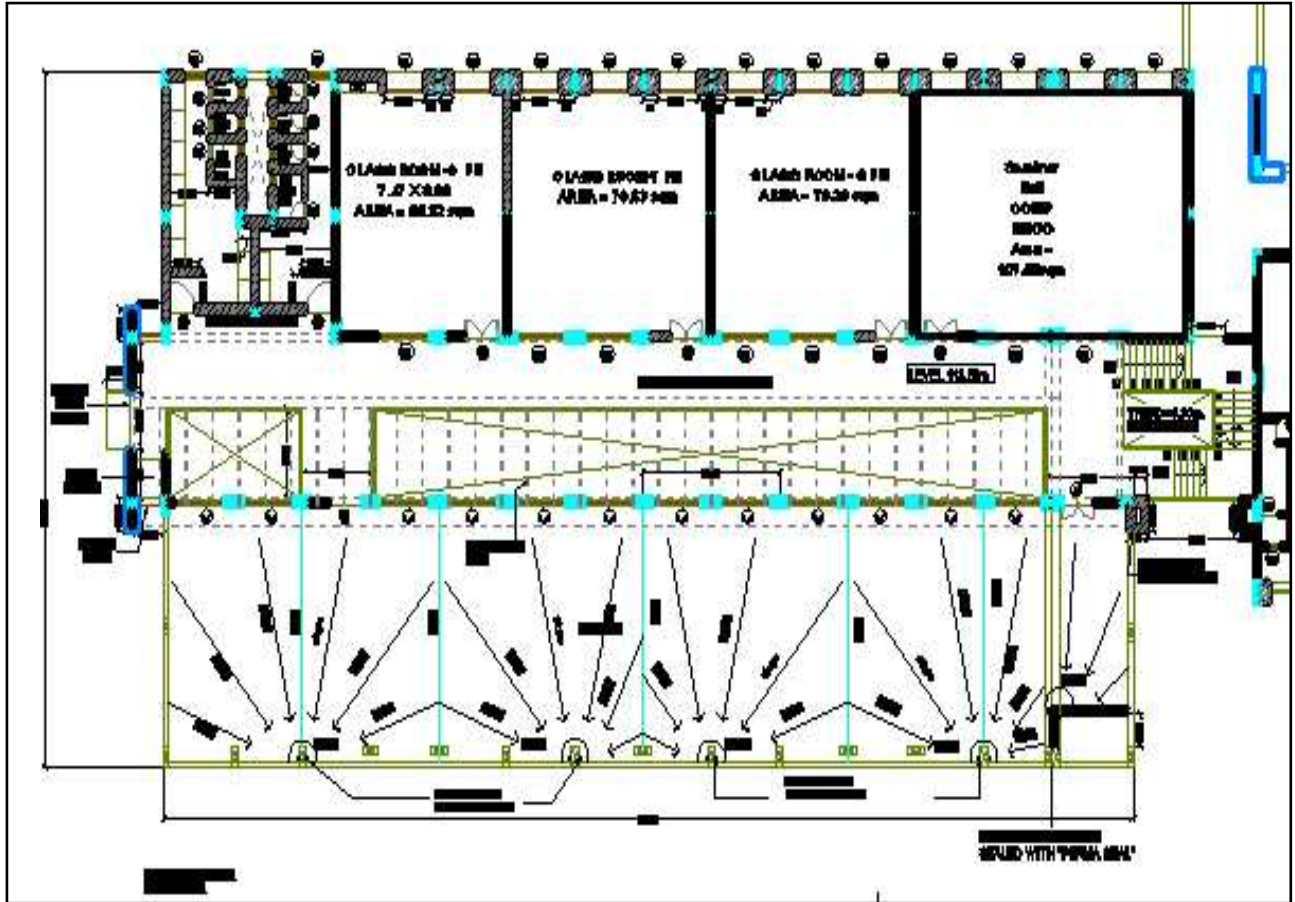
Rain water harvesting structure and utilization in campus

Sanjeevan engineering and technology institute Panhala is practicing the green initiative by taking various activities. One of the practices is to recharge ground water by rain water harvesting. Institute divide the total campus in building as A, B, C, D. Among them building A has facilitated with rain water harvesting unit. Detail of the scheme shown in the picture below.

Rainwater harvesting pipe chamber



Rain water harvesting scheme layout



1) Bore well recharging

The water from the roof top of the A campus building is collected and feed to 2 bore wells near to building by aiming water recharging in the ground.



Photograph: Bore well water recharging.

2) Waste water recycling .

The waste water collected from the campus is taken to farm near the campus where horse feed is cultivated.



Photograph – Waste water conveyed to horse feed farm



1) Maintenance of the water bodies and distributed system-

For daily water use Sanjeevan engineering and technology institute Panhala, takes the fresh water from near river and 3 in campus bore wells. Initially the water is collected in overhead concrete tank of 1,00,000 liter from where it is distributed in campus. For drinking water institute installed 3000 lit/hr capacity reverse osmosis (RO) plant for assuring the quality water. Periodic cleaning and maintenance of the water distribution system is carried out by the maintenance department.





6 Oct 2023 1:04:48 pm
Altitude:784.3m
Speed:0.0km/h
Index number: 37

Holy Wood Academy's
Sanjeevan Engineering and Technology Institute, Panahala
EQUIPMENT LIST
 HP-PRO-3090,DELL-360,DELL-380,INSPIRON,HP-3330
 ALL DEPARTMENTS DEAD MACHINES NON REPAIRABLE

Sr. No.	Particulars	Qty.	Rate	Remark
Cabinets				
1	Cabinet 360/380	19		Dead
2	Cabinet Hp-3090	20		Dead
3	Lenovo S-500	12	80	Dead
4	Inspiron	2		Dead
5	Dell-Optiplex 3046	44		Dead
6	HP-3330	22		Dead
	Total	119	9520	
Monitors				
1	Dell/HP/Lenovo	100	90	Dead
	Total	100	9000	Dead
Network Switch				
1	Dlink /Asus	3	100	Dead
	Total	3	300	Dead
Motherboards				
1	Dell/HP/Asus	110	80	Dead
	Total	110	8800	Dead
SMPS				
1	HP/DELL	84	70	Dead
	Total	84	5880	Dead
Mouse				
1	HP/DELL	120	5	Dead
	Total	120	600	Dead
Keyboard				
1		40	10	Dead
	Total	40	400	
CPU Fan				
1		240	15	Dead
	Total	240	3600	
HDD				
1	WD/Seagate	45	80	Dead
	Total	45	3600	
Printer				
1		2	100	Dead
	Total	2	200	
Scanner				
1		2	100	Dead
	Total	2	200	
	Total		42100	
UPS				
1	Emission	4	10,000/-	Dead
	Total	4	40,000/-	
	Other scrap	02 Box	32,100/-	

A/c
 This Cash deposit in
 SETIL Cosmos Bank A/c
 Rs: 52,100/- *HS*
 29/11/24

HS



MHO
 CU-900C

for worked
 for Cash paid
 2,651
 29/11/24



Holy-wood Academy, Kolhapur's
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Email principal@seti.edu.in / office@seti.edu.in

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दिनांक : 17/05/2023

मा . प्राचार्यसाहे,

यांना सादर

आपल्या महाविद्यालयातील विविध विभागाकडे असणारी स्कॅप रट्टी आपल्या पुर्व परवानगीने श्री . संजय मेनसागरे यांना पुढील प्रमाणे देत आहोत .

Sr. No	Material	Qty	Rate	Total
1	मिक्स रट्टी	743kg	18.84	14000.00
			Total	14000.00

तरी वरीलप्रमाणे स्कॅप रट्टी देणेसाठी मंजूरी मिळावी हि विनंती .

[Signature]
13/5/23

[Signature]
स्टॉअर विभाग

[Signature]



[Signature]
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Somwar Peth, Panhala - 416 201

दि. 17-05-2023.

1)	271575	31)	181344
2)	151220	32)	171278
3)	151138	33)	91525
4)	171310	34)	181199
5)	181412	35)	151000
6)	211316	36)	71328
7)	71231	37)	51272
8)	161000	38)	151198
9)	191472	39)	201435
10)	221360	40)	131345
11)	161180	41)	181278
12)	171290	42)	221146
13)	161321	43)	71233
14)	151000		1538
15)	261210		188119
16)	101412		5541881
17)	151321	Total - 743100	
18)	231067		
19)	101178		
20)	161312		
21)	221000		
22)	131268		
23)	211168		
24)	261322		
25)	131000		
26)	241078		
27)	291198		
28)	171310		
29)	221212		
30)	211000		
	5541881		

743 kg रद्दी संजय मेनसागरे
माना दिती.



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दिनांक : 01/09/2023

मा . प्राचार्यसाहो,
 यांना सादर

आपल्या महाविद्यालयातील विविध विभागाकडे असणारी स्कॅप रद्दी आपल्या पुर्व परवानगीने श्री . संजय मेनसागरे यांना पुढील प्रमाणे देत आहोत .

Sr. No	Material	Qty	Rate	Total
1	मिक्स रद्दी	2961kg	11.00	32571.00
			Total	32571.00

तरी वरीलप्रमाणे स्कॅप रद्दी देणेसाठी मंजूरी मिळावी हि विनंती .

ATC
 .T.A.Saw
 01/9/23

[Handwritten Signature]

[Handwritten Signature]
 स्टोअर विभाग

[Handwritten Signature]



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1)	14	31)	18
2)	16	32)	17
3)	13	33)	19
4)	14	34)	18
5)	16	35)	17
6)	18	36)	13
7)	16	37)	19
8)	19	38)	14
9)	8		

Total - 605.

मुक्ता - 605 किलो रई
संजय मेनसिंग सोनी दिल्ली

[Signature]



10)	14
11)	14
12)	10
13)	15
14)	14
15)	16
16)	17
17)	16
18)	11
19)	16
20)	17
21)	6
22)	17
23)	25
24)	17
25)	19
26)	18
27)	21
28)	16
29)	21
30)	16

25-8-23 = 2356 Kg
31-08-23 = 605 Kg
Total 2961 Kg

Total. RS - 325711

[Signature]

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Somwar Peth, Panhala - 416 201





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Restricted entry of automobile





Panhala, Maharashtra, India
R442+QQX, near Sanjeevan Engineering College,
Panhala, Maharashtra 416230, India
Lat 16.80699°
Long 74.10265°
05/06/23 12:08 PM




Use of Battery powered vehicles




GPS Map Camera




Waghve, Maharashtra, India
R443+G4W, Waghve, Panhala, Maharashtra 416230, India
Lat 16.807576°
Long 74.103304°
19/11/24 10:54 AM GMT +05:30


seti
Sanjeevan Engineering & Technology Institute
॥ सर्वज्ञानं विद्याया ॥

Holy-wood Academy, Kolhapur's
Sanjeevan Engineering & Technology Institute
 Sanjeevan Knowledge City, Panhala
 Tal.Panhala, Dist.Kolhapur 416201



Mr.Yogesh Dhondiram Sangar
 Dept.:Mechanical Engineering
 Designation:Instructor

StaffID: 531 

Regn. No. MH09GB9593 MH16393811

Regd. Owner	Yogesh Dhondiram Sangar	
S/D/W of	Dhondiram Shankar Sangar	
Purpose	NEW / HPA	
Regn. Date	31/07/2022	
Colour	AVERA ROYAL BLUE	
Fuel	ELECTRIC(BOV)	
Vehicle Class	M-Cycle/Scooter - NT	
Body Type	SOLO WITH PILLION	
Manufacturer	CHANDANA CORPORATION	
Chassis No.	SLFPA44A3M1000244	
Engine No.	ZN72V3000WM9800013	
Model No.	RETROSA II	
Hypothecated To	UNION BANK OF INDIA	
Manufacturing Dt.	03/2022	
Seat Capacity	002	No. Of Cyc 00
Stand Capacity	00	Owner Serial 01
Tax Paid Up To	LTT	Unladen Wt 000088
Regd. Validity	30/07/2037	Cubic Capacit 000000
Address	MALE NEAR MAHADEV MANDIR HOUSE NO 0057 MAHADEV GALLI Kolhapur MH 416114	Wheel Base 001365
		R.L.W 000251



RTO KOLHAPUR
 Issuing Authority


 Signature Of Issuing Authority

Ban of Plastic



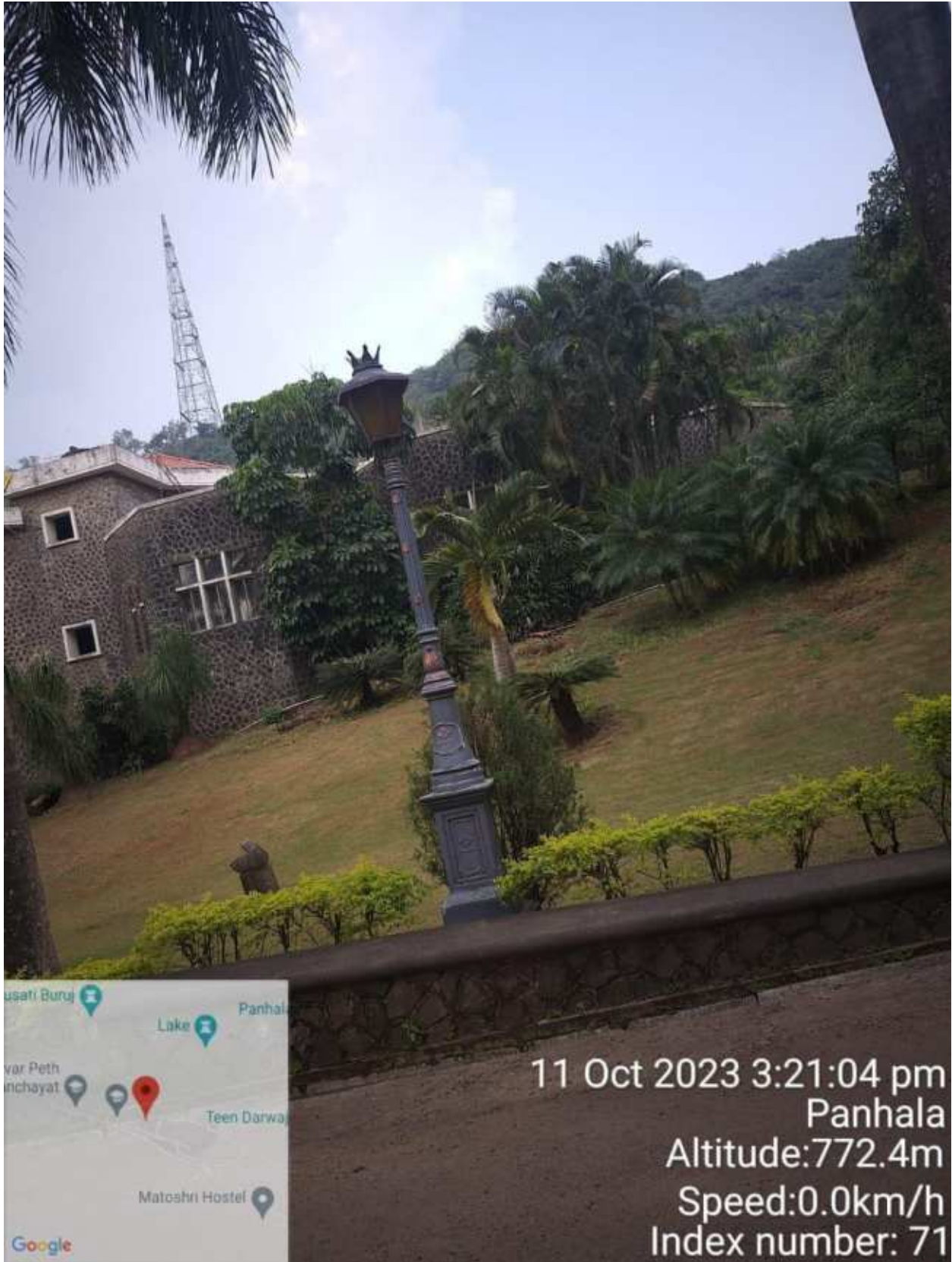






Landscaping With Tree and Plants





11 Oct 2023 3:21:04 pm
Panhala
Altitude:772.4m
Speed:0.0km/h
Index number: 71



1. Built environment with ramps for easy access to classrooms.





2. Washroom



