Criterion 7 – Institutional Values and Best Practices

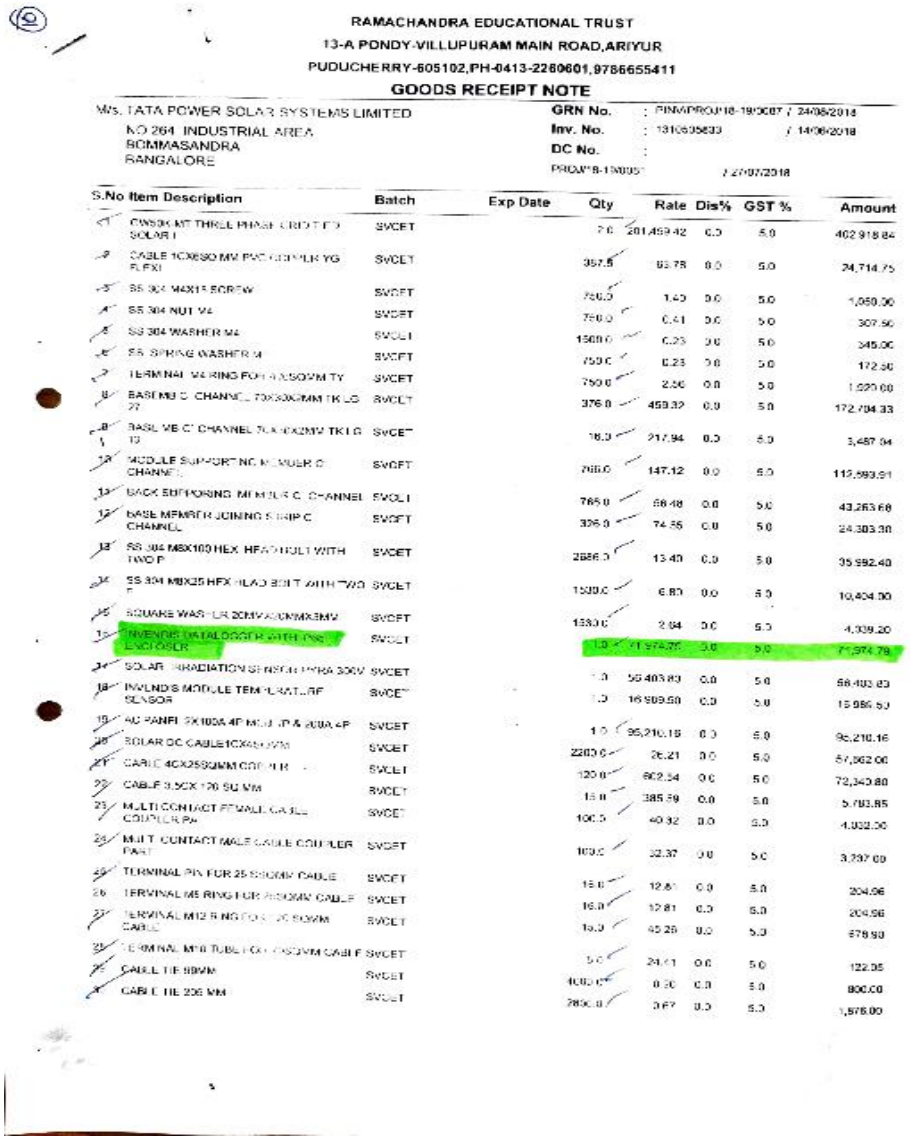
7.1.2.1 The Institution has facilities for alternate sources of energy and energy conservation measures

Solar energy

Figure: Solar panel view 1

Figure: Solar panel view 2

A solar panel is a device that converts sunlight into electricity by using photovoltaic (PV) cells. PV cells are made of materials that generate electrons when exposed to light. The electrons flow through a circuit and produce direct current (DC) electricity, which can be used to power various devices or be stored in batteries. Solar panels are also known as solar cell panels, solar electric panels, or PV modules.



RAMACHANDRA EDUCATIONAL TRUST
13-A PONDY-VILLUPURAM MAIN ROAD,ARIYUR
PUDUCHERRY-605102,PH-0413-2280601,9786655411

GOODS RECEIPT NOTE

M/s. TATA POWER SOLAR SYSTEMS LIMITED
NO 264 INDUSTRIAL AREA
BOMMASANDRA
BANGALORE

GRN No. : PINMPROD18-19/0087 / 24/05/2018
Inv. No. : 1310535833 / 14/05/2018
DC No. :
PROM18-19/005 / 27/07/2018

S.No	Item Description	Batch	Exp Date	Qty	Rate	Dis%	GST %	Amount
7	CWS0K MT THREE PHASE GRID TIED SOLAR I	SVCET		2.0	201,459.42	0.0	5.0	402,918.84
9	CABLE 1CX650 MM PVC CONDUCTOR FLEXI	SVCET		357.5	69.78	0.0	5.0	24,714.75
5	SS 304 M4X15 SCREW	SVCET		700.0	1.43	0.0	5.0	1,050.00
4	SS 304 NUT M4	SVCET		700.0	0.41	0.0	5.0	307.50
6	SS 304 WASHER M4	SVCET		1500.0	0.23	0.0	5.0	345.00
6	SS SPRING WASHER M	SVCET		750.0	0.23	0.0	5.0	172.50
7	TERMINAL M4 RING FOR 4.0SQMM TY	SVCET		750.0	2.56	0.0	5.0	1,920.00
8	BASE MS C CHANNEL 75X30X5MM TK LG 27	SVCET		376.0	459.32	0.0	5.0	172,704.33
8	BASE MS C CHANNEL 75X40X2MM TK LG 13	SVCET		16.0	217.94	0.0	5.0	3,487.04
10	MODULE SUPPORT MS MEMBER C CHANNEL	SVCET		765.0	147.12	0.0	5.0	113,593.91
11	BACK BOTTOMING MEMBER C CHANNEL	SVCET		765.0	58.48	0.0	5.0	43,263.68
12	BASE MEMBER JOINING STRIP C CHANNEL	SVCET		326.0	74.55	0.0	5.0	24,303.30
13	SS 304 M8X100 HEX HEAD BOLT WITH TWO P	SVCET		2586.0	13.40	0.0	5.0	35,992.40
14	SS 304 M8X25 HEX HEAD BOLT WITH TWO P	SVCET		1500.0	6.80	0.0	5.0	10,404.00
15	SQUARE WASHER 20MMX20MMX3MM	SVCET		1500.0	2.94	0.0	5.0	4,309.20
17	INVENDIS DATALOGGER WITH GSM ENCLOSOR	SVCET		1.0	71,974.76	0.0	5.0	71,974.76
24	SOLAR IRRADIATION SENSOR PYRA 300V	SVCET		1.0	56,403.83	0.0	5.0	56,403.83
18	INVENDIS MODULE TEMPERATURE SENSOR	SVCET		1.0	16,939.50	0.0	5.0	15,986.50
19	AC PANEL 3X100A 4P MCB 3P A 40A 4P	SVCET		1.0	95,210.16	0.0	5.0	95,210.16
20	SOLAR DC CABLE1CX4SQMM	SVCET		2280.0	26.21	0.0	5.0	57,062.00
21	CABLE 4CX25SQMM COPPER	SVCET		120.0	602.34	0.0	5.0	72,343.80
22	CABLE 3.5CX120 SQ MM	SVCET		15.0	385.59	0.0	5.0	5,783.85
23	MULTI CONTACT FEMALE CABLE COUPLER PA	SVCET		100.0	40.92	0.0	5.0	4,092.00
24	MULT CONTACT MALE CABLE COUPLER PART	SVCET		100.0	32.37	0.0	5.0	3,237.00
25	TERMINAL PIN FOR 25 SQMM CABLE	SVCET		15.0	12.61	0.0	5.0	204.96
26	TERMINAL M8 RING FOR 25SQMM CABLE	SVCET		16.0	12.81	0.0	5.0	204.96
27	TERMINAL M12 RING FOR 25 SQMM CABLE	SVCET		10.0	45.26	0.0	5.0	678.90
28	TERMINAL M10 TUBULAR FOR 25SQMM CABLE	SVCET		5.0	24.41	0.0	5.0	122.05
29	CABLE TIE 98MM	SVCET		4000.0	0.20	0.0	5.0	800.00
4	CABLE TIE 200 MM	SVCET		2800.0	0.67	0.0	5.0	1,876.00

Figure: Solar panel purchase receipt

Use of LED bulbs / power efficient equipment

Staff room, Principal's cabin, office in the college premises are provided with LED bulbs in order to save electricity and help environment.

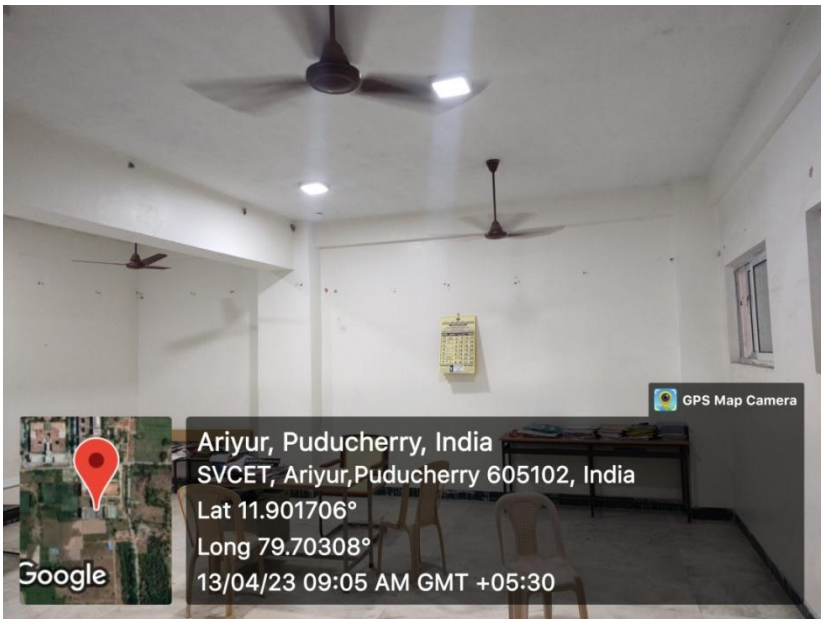


Figure: Staff room fitted with LED lights

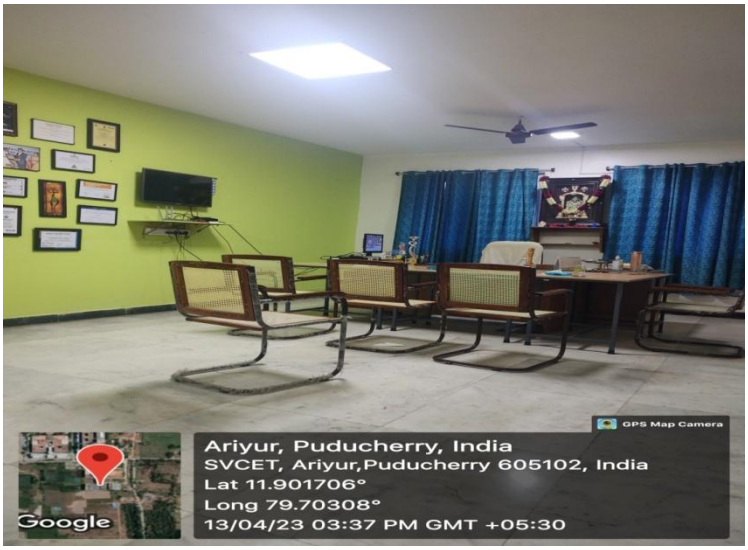


Figure: Principal's cabin fixed with LED lights

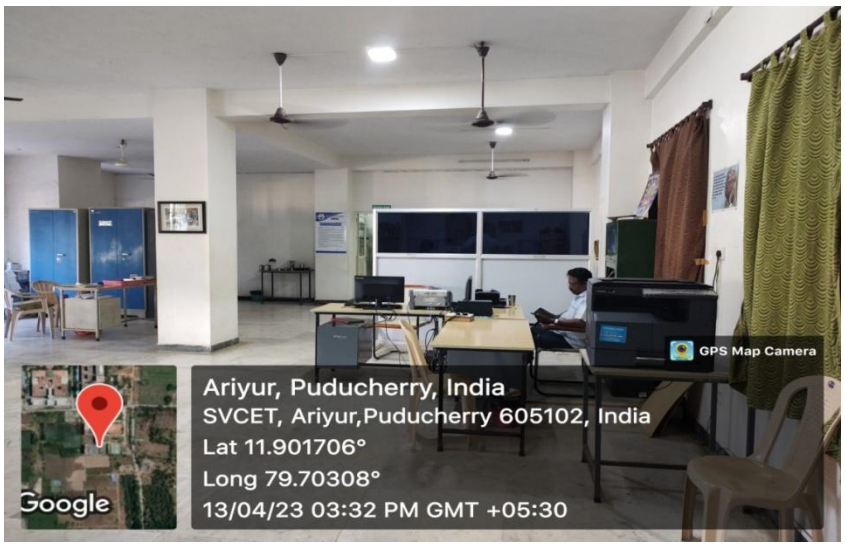


Figure: Office room fixed with LED lights

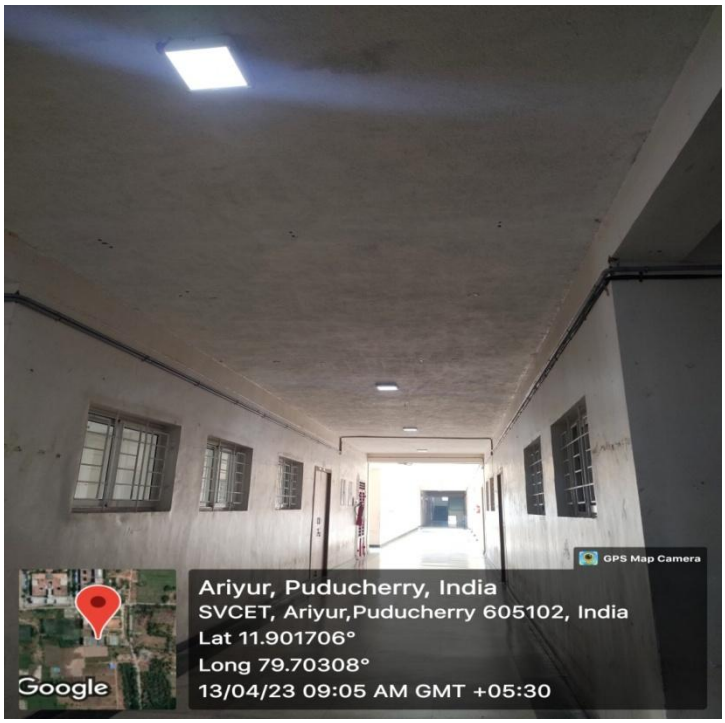


Figure: Corridor fixed with LED lights

LED stands for light emitting diode. LED lighting products produce light up to 90% more efficiently than incandescent light bulbs. An electrical current passes through a microchip, which

illuminates the tiny light sources we call LEDs and the result is visible light. To prevent performance issues, the heat LEDs produce is absorbed into a heat sink.

7.1.2.2 The Institution has facilities for management of the various types of degradable and non-degradable waste.

Solid Waste Management

For solid waste management different bins have been placed at different departments, wings and floors. The institution ensures that solid waste is segregated at the source and properly disposed.

7.1.2.3 Water conservation facilities available in the Institution

Rain water harvesting

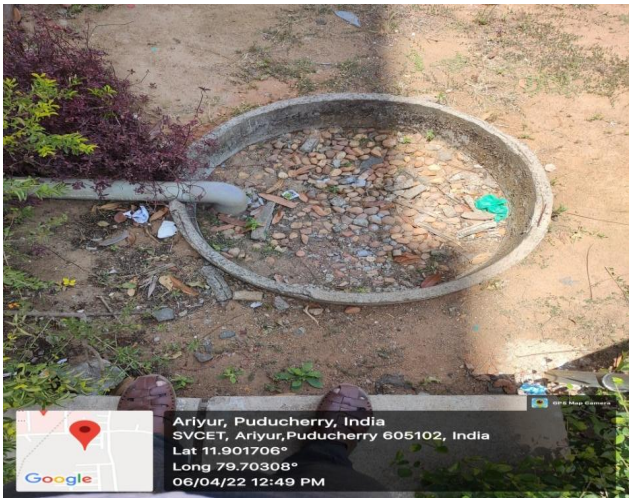


Figure: Drain for rain water harvesting view 1

Rainwater harvesting is the collection and storage of rain, rather than allowing it to run off. Rainwater is collected from a roof-like surface and redirected to a tank, cistern, deep pit (well, shaft, or borehole), aquifer, or a reservoir with percolation, so that it seeps down and restores the ground water. Dew and fog can also be collected with nets or other tools. Its uses include watering gardens, livestock, irrigation, domestic use with proper treatment, and domestic heating. The harvested water can also be committed to longer-term storage or groundwater recharge.

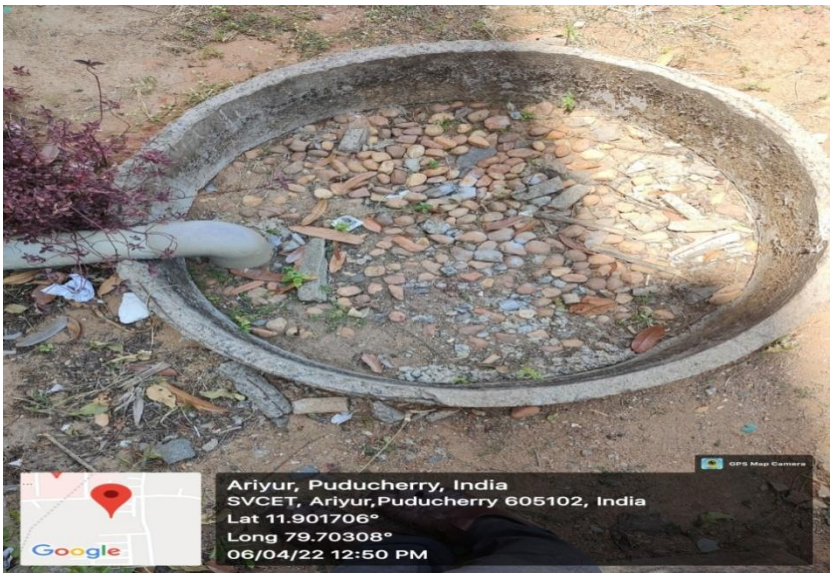


Figure: Drain for rain water harvesting view 2

Bore Well /Open Well Recharge

Figure: Bore well

Construction of tanks and bunds

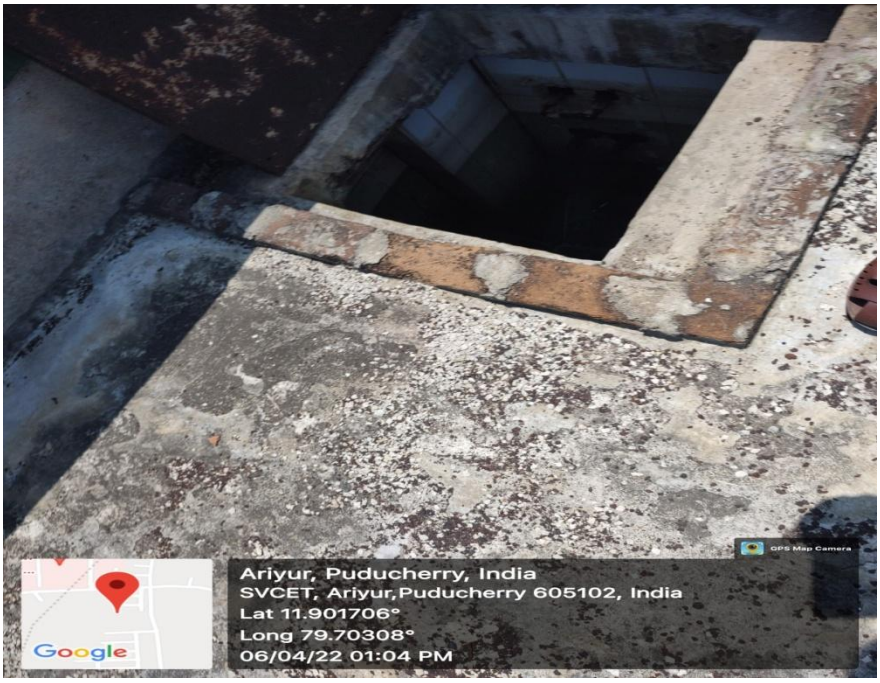


Figure: Tank view 1

Bunds play a critical role in retaining moisture/water on sloped ground, providing access to fields, and delineating ownership. Bunds may, however, serve as sources of weeds if poorly managed.

Figure: Tank view 2

Waste water recycling

Figure: Waste water recycling setup 1

Figure: Waste water recycling setup 2

Figure: Waste water recycling setup 3

7.1.2.4 The institutional initiatives for greening the campus are as follows:

Restricted entry of automobiles

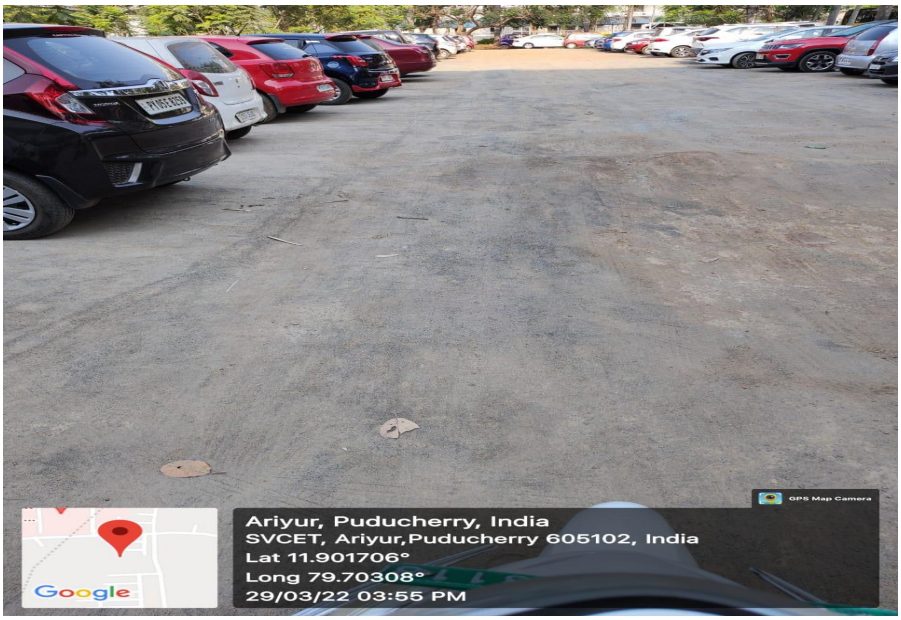


Figure: Parking area view 1

Figure: Parking area view 2

Pedestrian Friendly pathways

Figure: Ramp utilities

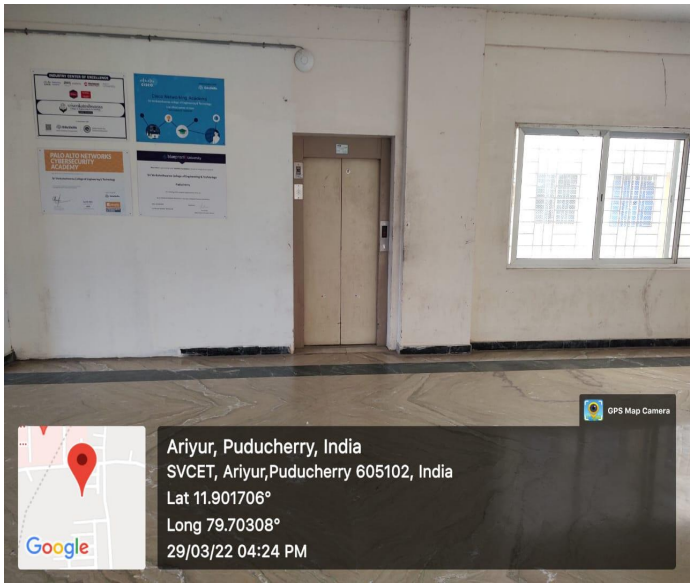
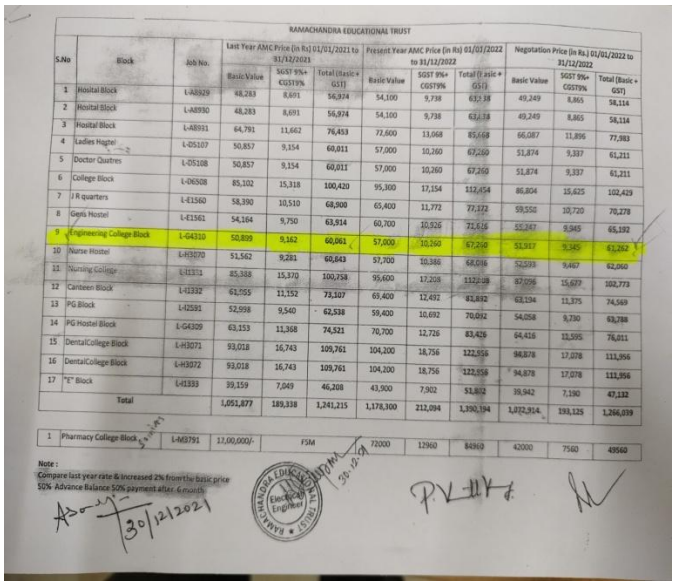


Figure: Lift utilities

Figure: Wheel chair utilities



RAMACHANDRA EDUCATIONAL TRUST

S.No	Block	Job No.	Last Year AMC Price (in Rs) 01/01/2021 to 31/12/2021			Present Year AMC Price (in Rs) 01/01/2022 to 31/12/2022			Negotiation Price (in Rs.) 01/01/2022 to 31/12/2022		
			Basic Value	SGST 9%+ CGST9%	Total (Basic + GST)	Basic Value	SGST 9%+ CGST9%	Total (Basic + GST)	Basic Value	SGST 9%+ CGST9%	Total (Basic + GST)
1	Hosital Block	L-A8929	48,283	8,691	56,974	54,100	9,738	63,838	49,249	8,865	58,114
2	Hosital Block	L-A8930	48,283	8,691	56,974	54,100	9,738	63,838	49,249	8,865	58,114
3	Hosital Block	L-A8931	64,791	11,662	76,453	72,600	13,068	85,668	66,087	11,896	77,983
4	Ladies Hostel	L-D5107	50,857	9,154	60,011	57,000	10,260	67,260	51,874	9,337	61,211
5	Doctor Quatres	L-D5108	50,857	9,154	60,011	57,000	10,260	67,260	51,874	9,337	61,211
6	College Block	L-D6508	85,102	15,318	100,420	95,300	17,154	112,454	86,804	15,625	102,429
7	J R quarters	L-E1560	58,390	10,510	68,900	65,400	11,772	77,172	59,550	10,720	70,278
8	Gents Hostel	L-E1561	54,164	9,750	63,914	60,700	10,926	71,626	55,247	9,945	65,192
9	Engineering College Block	L-G4310	50,899	9,162	60,061	57,000	10,260	67,260	51,917	9,345	61,262
10	Nurse Hostel	L-H3070	51,562	9,281	60,843	57,700	10,386	68,086	52,593	9,467	62,060
11	Nursing College	L-I1331	85,388	15,370	100,758	95,600	17,208	112,808	87,096	15,679	102,773
12	Canteen Block	L-I1332	61,555	11,152	73,107	69,400	12,492	81,892	63,194	11,375	74,569
13	PG Block	L-I2591	52,998	9,540	62,538	59,400	10,692	70,092	54,058	9,730	63,788
14	PG Hostel Block	L-G4309	63,153	11,368	74,521	70,700	12,726	83,426	64,416	11,595	76,011
15	DentalCollege Block	L-H3071	93,018	16,743	109,761	104,200	18,756	122,956	94,878	17,078	111,956
16	DentalCollege Block	L-H3072	93,018	16,743	109,761	104,200	18,756	122,956	94,878	17,078	111,956
17	"E" Block	L-I1333	39,159	7,049	46,208	43,900	7,902	51,802	39,942	7,190	47,132
Total			1,051,877	189,338	1,241,215	1,178,300	212,094	1,390,194	1,072,914	193,125	1,266,039
1	Pharmacy College Block	L-M3791	12,00,000/-		FSM	72000	12960	84960	42000	7560	49560

Note :
Compare last year rate & increased 2% from the basic price
50% Advance Balance 50% payment after 6 month

30/12/2021

30.12.21

Figure: Receipt

Johnson LIFTS & ESCALATORS

Johnson Lifts Private Limited

NO.1 RAYNAL GARDEN RAYNAL DHANABAL STREET,
VENKATESWARA NAGAR SARAM, PUDUCHERRY - 605013 Phone:
0413-2244022 / 2244033 / 9843317999

SERVICE REPORT

No. PPPY01220205150 Date 15-FEB-2022

QR.No For Lift :SERV/08/QR/02

Lift No. L-G4310 File No. SMD4385

Customer :
RAMACHANDRA EDUCATIONAL TRUST
ENGINEERING COLLEGE BLOCK (SVCET)
NO. 13A, PONDY-VILLUPURAM MAIN ROAD,
ARIYUR, PONDICHERRY 605102

Nature of Service PSM

Technician / Engineer Deputed YELMURUGAN R

Nature of Service / Items Replaced
PLATINUM SERVICE CARRIED OUT FOR THE MONTH OF FEBRUARY - 2022

CUSTOMER COPY

Items which requires Customer Attention:
1) ARD Battery to be replace Quotation Issued.
2) Fan 1no & to be replace
3) Light 1no

Customer Remarks if any :

Office Use Only

Time Reported : Left :

Technician / Engineer Signature :

CAUTION : IF DOOR OPEN KEY IS USED ENSURE THAT DOOR IS FULLY CLOSED.

Customer's Signature

Head Office : No. 1, East Main Road, Anna Nagar Western Extension, Chennai - 600 101.
Website : www.johnsonliftsltd.com Ph : +91 - 44 - 26153003, 26152004, 26153005, 26152006

Figure: Lift receipt

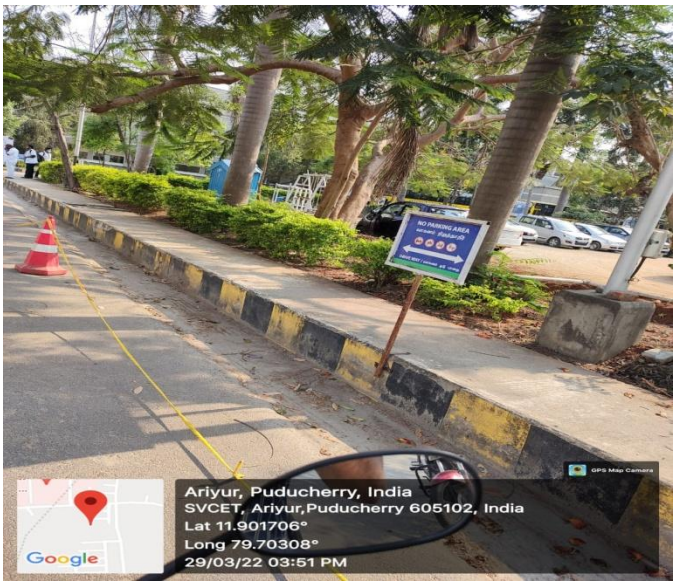


Figure: Pedestrian sidewalk view 1

Figure: Pedestrian sidewalk view 2

Landscaping with trees and plants

Figure: Garden view 1

Figure: Garden view 2

Figure: Garden view 3

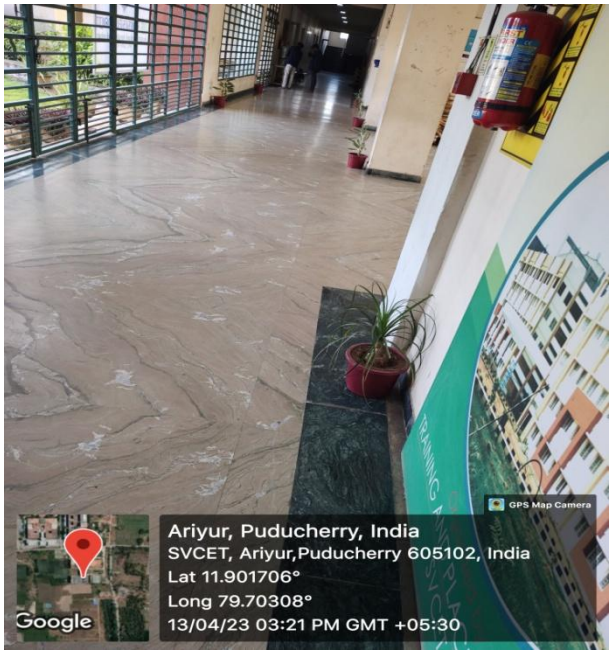


Figure: Garden view 4