

7.1.2 Environmental Consciousness and Sustainability and Divyangjan friendly initiatives

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1.	Alternate sources of energy and energy conservation measures	LED Lights Generator Generator Purchase Bill
2.	Management of the various types of degradable and non-degradable waste	Waste Collection Bills Plastic Free Campus Composting Machine Sewage Treatment Plant
3.	Water Conservation	Rain Water Harvesting Sprinklers
4.	Green Campus Initiatives	Green Campus
5.	Disabled-friendly, barrier free environment	Divyangjan Friendly Environment
6.	E-Waste Policy, Bills	Waste Policy Bills Ewaste
7.	Maintenance Bills of above	Maintenance Bills
8.	Policy Document on Green Campus	Policy Document on Green Campus

Peechi Jaen

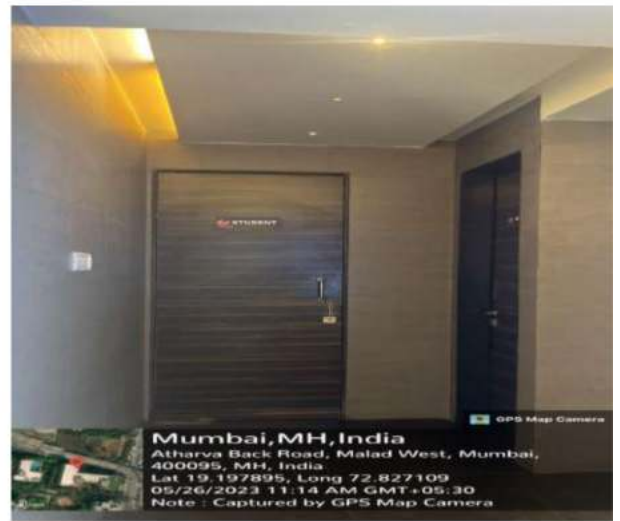
PRINCIPAL

ATHARVA COLLEGE OF HOTEL MANAGEMENT
AND CATERING TECHNOLOGY
MUMBAI-95



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LED LIGHTS



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Generator



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Generator - Purchase Bill

Original for Recipient / Duplicate for Transporter / Triplicate for Supplier / Extra Copy

POWERICA

TAX INVOICE

SUBJECT TO BANGALORE JURISDICTION

POWERICA LIMITED
37th KM Bommarahalli Village, Tumkur Road, Helemangala Taluk, Bengaluru, KARNATAKA 562123
FACTORY Phone No: 9811679123, 7304355100, 080-27724994/9950977, CIN No: U31100MH1984PLC032825
Customer PO No.: AIMSPO2123 Date: 16-12-2021

GSTIN : 29AAACP3812E12P IEC No: 0389015_06
State Code: 29
PAN No: AAACP3812E
INVOICE NO: 192213981 DATE: 18-DEC-21

DETAILS OF RECIPIENT/BILLED TO:
ATHARVA INSTITUTE OF MANAGEMENT STUDIES
AET CAMPUS
MALAD-MARVA ROAD
CHARKOP NAKA MALAD (WEST)
MUMBAI-400095
India

DETAILS OF CONSIGNEE/SHIPPED TO:
ATHARVA INSTITUTE OF MANAGEMENT STUDIES
AET CAMPUS
MALAD-MARVA ROAD
CHARKOP NAKA MALAD (WEST)
MUMBAI-400095
India

Invoice Type - B2CL
GST NO: 27
STATE: Maharashtra
PAN NO: AAATA4246Q
STATE CODE:- 27

SI No.	NAME OF THE PRODUCT/SERVICE	HSN /SAC	UOM	QTY	RATE	AMOUNT	TAXABLE AMOUNT	CGST Rate	CGST Amount	SGST/UGST Rate	SGST/UGST Amount	IGST Rate	IGST Amount	TOTAL	
1	ELECTRIC GENERATING SET, 180 KVA (STANDARD) DG SET SR. NO.: 1901025570 Engine SR. NO.: 8492077 Alternator SR. NO.: N21037424 PANEL NO.: 02P3M1011582	85021200	NOS	1	1070000	1,070,000.00	1,070,000.00	0.00	0.00	0.00	0.00	0.00	18.00	192,600.00	1,262,600.00
Total						1	1,070,000.00	1,070,000.00	0.00	0.00	0.00	0.00	18.00	192,600.00	1,262,600.00

DETAILS OF GST PAID ON ADVANCE

Adv. Receipt Number	Adv. Receipt Amount	Adv. Date	Adv. Tax	Adv. Tax Amount

Total adv. Total amount Before Tax 1,070,000.00
IGST 192,600.00
Tax Amount 192,600.00
Total amount After Tax 1,262,600.00

AMOUNT IN WORDS Twelve Lakhs Sixty-two Thousand Six Hundred Rupees ONLY

TRANSPORTATION MODE: DEEPAK FREIGHT CARRIERS

LR NO: 211527
VEHICLE NOS: MH-5010857

Note: 1 PKGS

AIMS
PURCHASE VOUCHER

Voucher No. 192213981 Date: 18/12/2021
Ledger Name: electric generator
Chq. No. 002979 Date: 16/12/2021

Date: 16/12/2021
Cheque No: 002979
Amt: 1,262,600/-

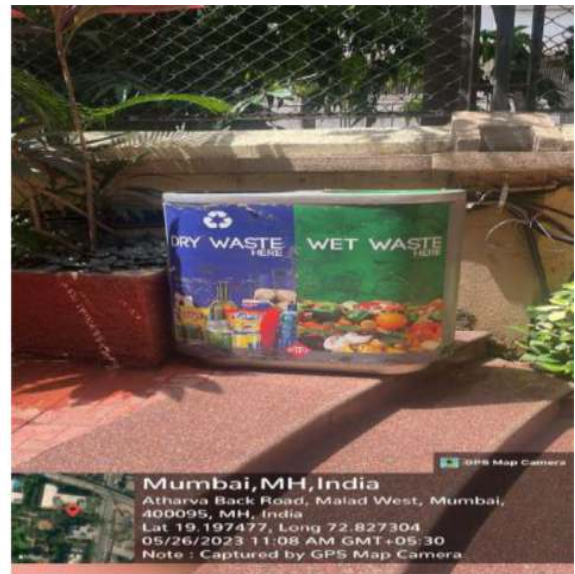
Verified that the Particular given are true & correct
For POWERICA LIMITED
Authorised Signature

Interest @ 24% per annum will be charged if this bill is not paid within 15 days

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Waste Collection Bins



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Plastic Free Campus



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Composting Machine



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Sewage Treatment Plant (STP)



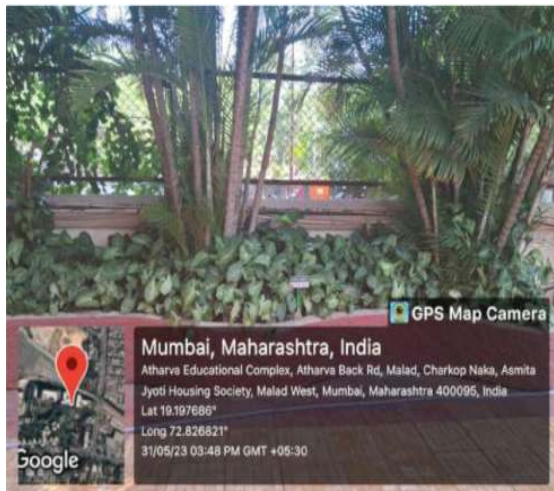
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Rain Water Harvesting



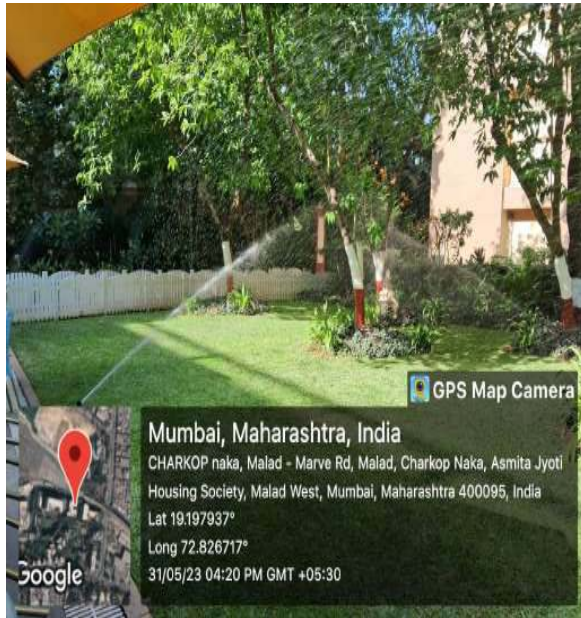
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Green Campus



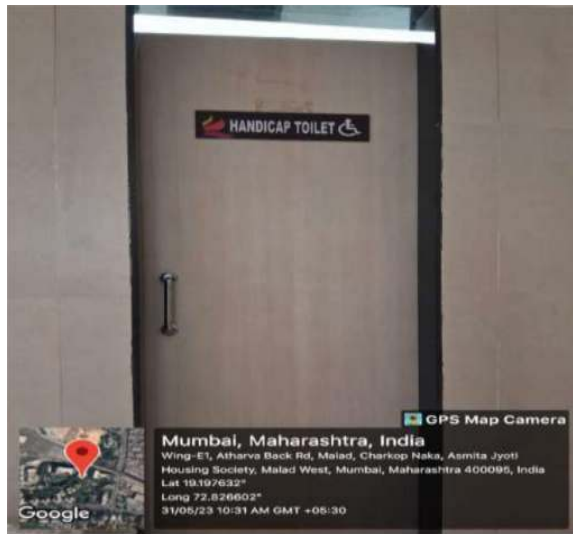
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Sprinklers



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Divyangjan Friendly Environment



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Waste Policy, Bills Management of E-waste.

The institution has an approved E-Waste Management and Disposal facility, in order to dispose it in a scientific manner:

- The e-waste generated in the form of workable computer peripherals, are again repaired and donated to rural areas of Ratnagiri.
- Obsolete monitor, printers, keyboard, mouse and other equipment discarded by college, are sold as scrap to e-waste vendor.
- The cartridges of printers are refilled inside the college campus.

 <p>WARD Recycling Company <i>Let's protect our Health and Environment</i></p>	<p><i>Electronic & Electrical Waste Recycling Dismantling & Disposal</i></p>
Registration No: KSPCB/181/E-Waste/2014/Reg no: 94618/H715	
CERTIFICATE OF RESPONSIBLE RECYCLING	
4 th August 2018	Certificate No-M 130
Name: Atharva Educational Trust Address : Mumbai Material: E waste	
This is to certify that the defective material collected from your location has been processed in accordance to all applicable local, State and Federal laws in an environmentally controlled way, eliminating waste to landfills. Used electronics waste is as prescribed under the guidance of the Basel convention (1994).	
We certify that all material has been dismantled and all materials recovered were converted to raw material in our recycling process.	
	
#11 Muthachari Industrial Area, Mysore Road Nayandana Halli Bangalore-36, India.	

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Filteration unit			Nos		
4.1	Providing & fixing of 63mm Plastic screen filter 25m ³ with capacity matching pump design flow having an suitable inlet connection, to create a helical effect in the incoming water, spinning particulate in suspension away from the filtering element and so minimizing cleanings frequency, 3/4" outlet for flushing at bottom of filter & maximum working pressure of 10 bars With pressure gauge.	Apras/ Automat Harit/ Kimplas	1	4375	4,375
5	Pumping unit				
5.1	Providing od monoblock/ submersible pumping system consisting of 1 Nos of pump, outlet pressure gauge on the outlet manifold, acontrol panel to electrically switch on/ off the pump all necessary interconnections for the above items Duty of Pump 7.5 HP, 3.5lps @ 52-56mtr head, including all labours. SUCTION + HEADER ASSEMBLY + MCV + PUMP RELAY + ETC.	Crompton / Kriloskar FALCON / Equ	Set 1	60000	60,000
6	INSTALLATION CHAREGES				
7	TRANSPORT CHAREGES		LS 1	50000	50,000
			LS 1	12500	12,500
Rupees in words :- Three Lakh One Thousand Seven Hundred Thirty Only.				Total Amount	3,07,730
				GST@18% ON Material	55,420
				Less: Deiscount 20%	61,578
				Grand Total	3,01,730
<p>Company is forced to vary the terms of contract it shall be eligible to do so as its option without any counter claim from the supplier.</p> <p>We reserves the right at any time to make change in drawing or specification of the material & or work covered by the P.O. and in suchevent if increase / decrease is caused in the cost of production the price mentioned on this P.O. shall be equitably adjusted.</p> <p>Any payment made as per the terms to the P.O. either in advance or on receipts of part or full delivery of the goods prior to the inspection here of shall not constitute an acceptance on our part. Any breakage / damage in transit is fully liable to supplier</p> <p>The material should be well tested & testing charges will be your responsibility.</p> <p>The credit period shall be start from the date of bill sumitting to Instituts.</p>					
Delivery within :		ACE , Malad (w)		ATHARVA COLLEGE OF ENGINEERING	
Delivery to :		AS PER OUR DISCUSSION		 (SUNIL-RANE) SECERETARY, AET	
Payment Terms :					
Receiver's Signature :					

100% Work done.

Dr. Nankar
31/12/2021
Nankar
31/12/2021

[Signature]
31/12/2021

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Approved by AICTE, DTE & Affiliated to University of Mumbai

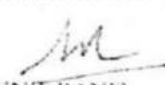
S. No. 203 (Reg. No. B-12, Malad-Marve Road, Charkop, Malad (West), Mumbai - 400 051, India)
Tel: 4029 4043 • Tel. Fax: 4029 4043 • Email: aicte@atharva.academy.com • Website: www.atharva.academy.com

(V) Boreplast Nansa Compound, Opp. Savali Petrol Pump, Vasai East, Thane, Maharashtra 401208 Mr. Dipak - Ph No 0982226860 Email ID:		Purchase Order No : ACT/PO/118/21 Purchase Order Date : 30.10.2021 Your Ref. No : Your Ref. DL : 18.12.2021 Dept. Name :	
Please supply the following Material as per Terms & Conditions given below :-			
SR. NO.	ITEM DESCRIPTION	QUANTITY	UNIT RATE VALUE Rs.
1	DCZ BIN - Made of Composite polymer material with 3 mm thickness with PU Painting, 3 M Vinyl Stickers pasted on front side, with LLDPE rotomoulded liners (02 nos.) 3 X 3 FT	1	13000.00 13,000.00
2	TREZ BIN - Made of Composite polymer material with 3 mm thickness with PU Painting, 3 M Vinyl Stickers pasted on front side, with LLDPE rotomoulded liners (03 nos.) top lid provided with hinges. Size: Length 1180 mm X W 400 mm X Height 440 mm 4 X 3 FT	1	17000.00 17,000.00
SUB TOTAL			30,000.00
ADD			GST 18% 5,400.00
TOTAL AMT.			35,400.00

Writen in words - **Thirty Five Thousand Four Hundred only.**

TERMS & CONDITIONS :-

- Delivery Challan(s) & Invoice(s) should be addressed to our works only & must contain the P.O. No. (along with the material will not be accepted. Unit of measurement on the challan must tally with unit of measurement mentioned on the P.O.
- The Institution reserves the right to cancel the contract wholly / in part at any time before its execution if due to reasons beyond its control the Company is forced to vary the terms of contract it shall be eligible to do so as its option without any counter claim from the supplier.
- We reserves the right at any time to make change in drawing or specification of the material & or work covered by the P.O. and in such event if increase / decrease is caused to the cost of production the price mentioned on this P.O. shall be equitably adjusted.
- Any payment made as per the terms to the P.O. either in advance or on receipt of part or full delivery of the goods prior to the completion of work shall not constitute an acceptance on our part. Any breakage / damage in transit is fully liable to supplier.
- The material should be well tested & testing charges will be your responsibility.
- The credit period shall be start from the date of bill summing to Institute.

Delivery to	ACE, MALAWANI (W)	ATHARVA COLLEGE OF ENGINEERING
Payment Terms	AS PER ORDER	 (SUNIL RANE) SECRETARY, AET


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33	1	PIPEWORK DESCRIPTION					
34		Providing, laying & jointing in position PVC/ HDPE pipe conforming to ISI standard and suitable for the respective working pressures with all fittings and accessories e.g. couplings, tees, bends, reducers, screwed adapters, flanged tail pieces etc. jointing as per manufactures' instruction.					
35							
36							
37							
38	1.1	PVC pipe 63mm-6kg/cm2 (with all fittings)	Jain/ Prince / Finolex	Mtr.	320	185	59,200
39							
40	1.2	PVC pipe 40mm-6kg/cm2 (with all fittings)	Jain/ Prince / Finolex	Mtr.	220	93.75	20,625
41							
42	1.3	Excavation and backfilling charges			540	75	40,500
43							
44	1.4	Civil crossing (pathway etc.) should be in client scope	Approx	Mtr.			
45							
46	2	SPRINKLERS & ACCESSORIES					
47							
48	2.1	Providing of rotatory pop up having colour, coded PGP - SPRINKLERS capable of covering 10m- 12m with matched precipitation rate. the spray head body shall be constructed of heavy- duty ultraviolet resistant plastic spring with multifunctional wiper seal with small exposed cover.	Hunter	Nos	50	812.5	40,625
49							
50	2.2	Providing of SI-512, 3/4" pop up connecting Four elbow swing joint Assembly. The fittings shall be made of UV resistant thermo plastic.	Hunter/ i flow	Nos	50	112.5	5,625
51							
52	2.3	Providing and fixing of PP service saddle of 3/4"	Payal/ i flow	Nos	50	62.5	3,125
53							
54	3	Valves & Accessories					
55							
56	3.1	Providing, PVC ball valve 63mm union type	Automat Harit / Jain / Equ	Nos	4	725	2,900
57							
58	3.2	Providing of 10" valve box for covering ball valve.	Automat Harit / Vikas / Equ	Nos	4	687.5	2,750
59							
60	3.3	Providing 40mm flush valve	Jain/Sitaram/Equ	Nos	15	87.5	1,313
61							
62	3.4	Providing 3/4" brass irrigation unit	Harit/equ	Nos	2	1687.5	3,375
63							
64	3.5	Providing of 6" valve box for covering ball valve.	Automat Harit/ Vikas / Equ	Nos	2	487.5	975

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INVOICE



**SHRADDHA
SAMRUDDHI
NURSERY**

SAMIR CHAUDHARI
Mob. 8412006444 / 8975687749
Email Id. shreesamarthagro444@gmail.com
At. Euroville, Post. Kharade,
Shahapur Dolkhamb Road,
Tal. Shahapur, Dist. Thane 421601

GARDEN CONTRACT & MAINTENANCE • FARM DEVELOPMENT • DRIP IRRIGATION • SPRINKLER SYSTEM • VERMI COMPOST

M./s	<u>Artharva College of Engineering</u>	Ch. No. <u>404</u>	Date. <u>26/5/23</u>
------	--	--------------------	----------------------

SR.NO.	PARTICULAR	QTY	RATE	AMOUNT
1	vermi compost (50kg)	40 bag	700/-	28000/-
2	Transport			2000/-
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
			TOTAL	30,000/-
			ADVANCE	
			BALANCE	

Received by Kalate on 26/05/23

Date: 20/05/23
Cheque No. 130761
30000/-

Rupees in words Thirty thousand only

SHRADDHA SAMRUDDHI NURSERY

01913010000023
VILE PARLE (E) & ISO 9001:2015

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Piyush Envirotech

Piyush Envirotech, Shop No 2, Near Gupta Hotel KD Compound, 90 feet Road
Ganesh Nagar, Kandivali West.
Phone no.: 8112874980
Email: piyushenvirotech@gmail.com
GSTIN: 27AJKPB4568M1ZR
State: 27-Maharashtra

Handwritten signature and date: 27/11/2021



Tax Invoice

Bill To:
Atharva college of engineering
S.No 253 plot no B-12 Malad Marve road Charkop
naka.malad West 460095

Invoice No.: 4
Date: 26-10-2021

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#	Item name	HSN/ SAC	Quantity	Unit	Price/ unit	Amount
1	MS Tank fabrication work As per old..3000mm×1800mm×2550mm		1	Box	₹ 2,55,000.00	₹ 2,55,000.00
2	Control Panel Automatic for only Air Blower work and not for other pump also proper cabling and tagging with old cable wire. Work done.		1	Box	₹ 45,000.00	₹ 45,000.00
3	Tube media and piping work done		1	Box	₹ 20,000.00	₹ 20,000.00
4	Sand media and Carbon media work done		1	Box	₹ 12,000.00	₹ 12,000.00
5	Dozing pump system		1	Box	₹ 8,000.00	₹ 8,000.00
6	Sewage storage tank to Collection tank submersible pump one and one stand by set with proper piping work done		1	Box	₹ 40,000.00	₹ 40,000.00
7	Raw water pump repairing service and piping work done		1	Box	₹ 5,600.00	₹ 5,600.00
8	Air Blower 1 & Air Blower 2 servicing and diesel wash work done		1	Box	₹ 6,000.00	₹ 6,000.00
9	Air Blower MS piping and Diffuser installation work done		1	Box	₹ 12,000.00	₹ 12,000.00
10	Sludge transfer pump and piping installation done		1	Box	₹ 18,000.00	₹ 18,000.00
11	Filter feed pump one and one stand by with piping		1	Box	₹ 35,000.00	₹ 35,000.00

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Item name	HSN/SAC	Quantity	Unit	Price/ Unit	Amount
12 Sand filter vessel with media and multipode valve and .. pressure gauge..		1	Box	₹ 20,000.00	₹ 20,000.00
13 Extra consumable..		1	Box	₹ 10,000.00	₹ 10,000.00
14 STP commissioning		1	Box	₹ 5,000.00	₹ 5,000.00
15 GST amount 18%		1	-	₹ 88,488.00	₹ 88,488.00
Total		15			₹ 5,80,088.00

Sub Total	₹ 5,80,088.00
Total	₹ 5,80,088.00
Received	₹ 3,44,573.00
Balance	₹ 2,35,515.00

DESCRIPTION

kindly release our payment as per our PO work is completed...

INVOICE AMOUNT IN WORDS

Five Lakh Eighty Thousand and Eighty Eight Rupees only

TERMS AND CONDITIONS

Thank you for doing business with us

For, Piyush Envirotech



Authorized Signatory

Work done ✓
Nanku ✓
Approved by (Mr. Nanku)
(Mr. Acharya)

3/11/21

Atc & supervisor
Pr. done after STP plant
after that we
found to sir to paym.
Balace due

(Dr. Nemade)

580088

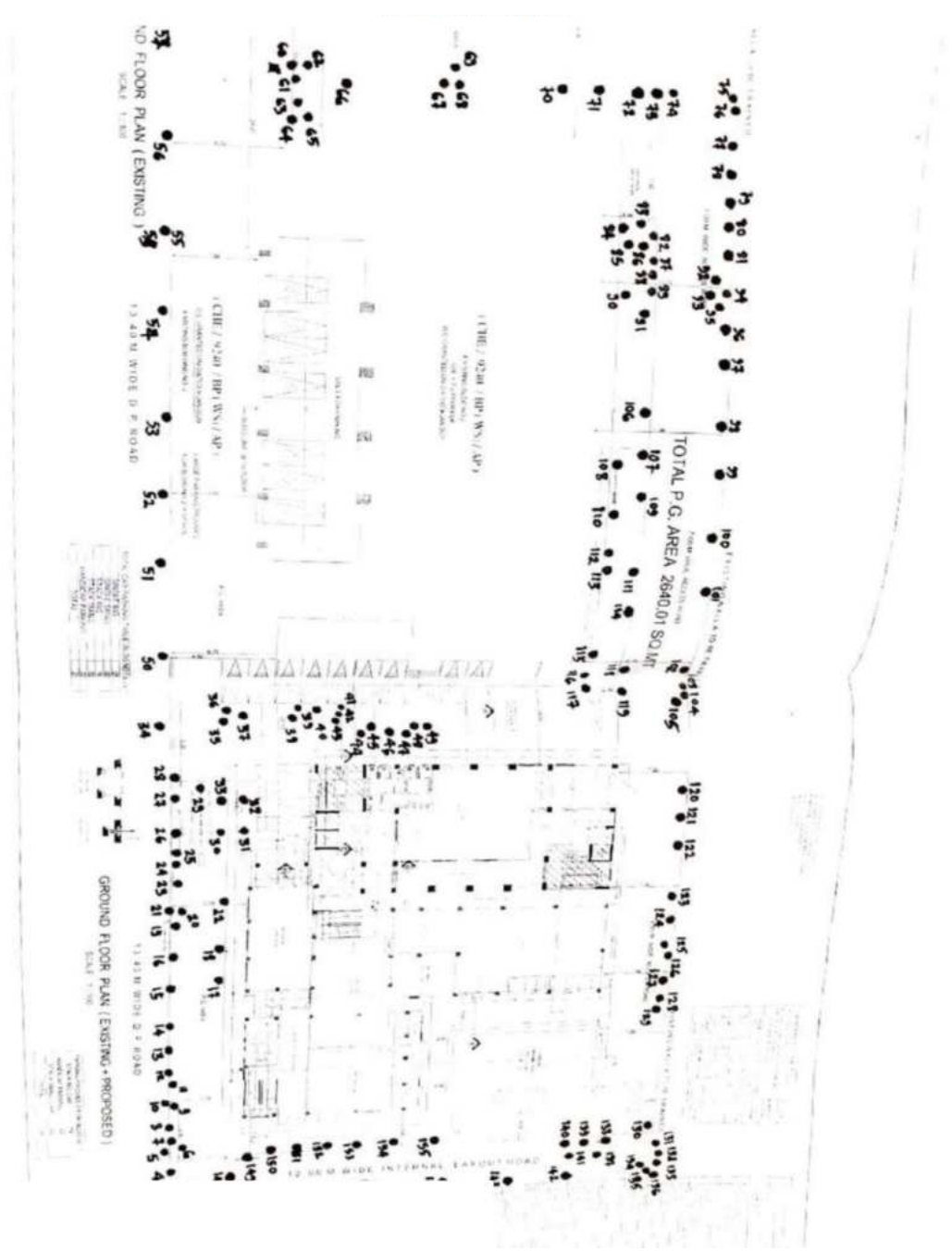
350374

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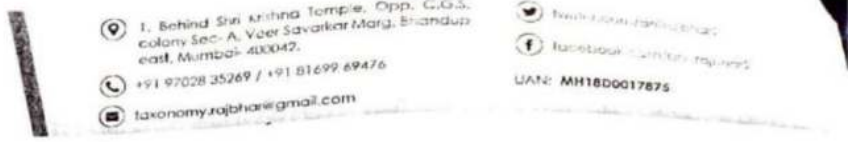
3/11/2021

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TREE INVENTORY

Tree inventory for proposed addition/alteration and horizontal and vertical extension to the existing Hotel Management & Catering College building no. 1 on plot No. 10, 11 & 12 bearing C.T.S. No. 6-A/9,6-A/10 & 6-A/11 of village Malvani at Malad (West).

Ref: P-7103/2021/(Plot No. 10 And Other) /P/N Ward/ MALVANI/IOD/I/New

Sr.no	Tree no.	Local name	Botanical name	Girth (cm.)	Height (Mt.)	Condition
1	1	Kanchan	Bauhinia purpurea	82	8	Healthy
2	2	Supari	Areca catechu	28	5	Healthy
3	3	Supari	Areca catechu	18	3	Healthy
4	4	Kanchan	Bauhinia purpurea	58	6	Healthy
5	5	Supari	Areca catechu	26	8	Healthy
6	6	Supari	Areca catechu	14	3	Healthy
7	7	Supari	Areca catechu	32	5	Healthy
8	8	Saptaparni	Alstonia scholaris	118	12	Healthy
9	9	Supari	Areca catechu	15	3	Healthy
10	10	Kanchan	Bauhinia purpurea	40	6	Healthy
11	11	Supari	Areca catechu	28	4	Healthy
12	12	Saptaparni	Alstonia scholaris	60	10	Healthy
13	13	Kanchan	Bauhinia purpurea	93	6	Healthy
14	14	Saptaparni	Alstonia scholaris	94	11	Healthy
15	15	Kanchan	Bauhinia purpurea	53	8	Healthy
16	16	Saptaparni	Alstonia scholaris	43	7	Healthy
17	17	Kanchan	Bauhinia purpurea	60	9	Healthy
18	18	Kanchan	Bauhinia purpurea	72	9	Healthy
19	19	Kanchan	Bauhinia purpurea	53	4	Healthy
20	20	Saptaparni	Alstonia scholaris	32	6	Healthy
21	21	Kanchan	Bauhinia purpurea	62	9	Healthy
22	22	Kanchan	Bauhinia purpurea	68	5	Healthy
23	23	Saptaparni	Alstonia scholaris	75	10	Healthy
24	24	Kanchan	Bauhinia purpurea	72	9	Healthy
25	25	Saptaparni	Alstonia scholaris	121	12	Healthy
26	26	Kanchan	Bauhinia purpurea	72	8	Healthy
27	27	Kanchan	Bauhinia purpurea	71	8	Healthy
28	28	Supari	Areca catechu	28	5	Healthy

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				12	3	Healthy
			Areca catechu	52	6	Healthy
29	29	Supari	Adonidia merrillii	53	6	Healthy
30	30	Manilla palm	Adonidia merrillii	54	6	Healthy
31	31	Manilla palm	Adonidia merrillii	56	6	Healthy
32	32	Manilla palm	Adonidia merrillii	82	8	Healthy
33	33	Manilla palm	Cocos nucifera	92	8	Healthy
34	34	Naral	Roystonea regia	28	5	Healthy
35	35	Royal palm	Lagerstroemia speciosa	62	8	Healthy
36	36	Tamhan	Lagerstroemia speciosa	18	3	Healthy
37	37	Tamhan	Lagerstroemia speciosa	88	8	Healthy
38	38	Tamhan	Roystonea regia	38	5	Healthy
39	39	Royal palm	Lagerstroemia speciosa	28	5	Healthy
40	40	Tamhan	Lagerstroemia speciosa	89	8	Healthy
41	41	Tamhan	Roystonea regia	58	6	Healthy
42	42	Royal palm	Lagerstroemia speciosa	23	4	Healthy
43	43	Tamhan	Lagerstroemia speciosa	54	6	Healthy
44	44	Tamhan	Lagerstroemia speciosa	65	8	Healthy
45	45	Tamhan	Lagerstroemia speciosa	68	6	Healthy
46	46	Tamhan	Lagerstroemia speciosa	58	6	Healthy
47	47	Tamhan	Bauhinia purpurea	63	5	Healthy
48	48	Kanchan	Bauhinia purpurea	75	8	Healthy
49	49	Kanchan	Cocos nucifera	65	8	Healthy
50	50	Naral	Cocos nucifera	82	8	Healthy
51	51	Naral	Cocos nucifera	70	8	Healthy
52	52	Naral	Cocos nucifera	75	8	Healthy
53	53	Naral	Cocos nucifera	76	8	Healthy
54	54	Naral	Cocos nucifera	72	8	Healthy
55	55	Naral	Cocos nucifera	78	8	Healthy
56	56	Naral	Cocos nucifera	96	10	Healthy
57	57	Naral	Cocos nucifera	98	10	Healthy
58	58	Rain tree	Samanea saman	55	6	Healthy
59	59	Rain tree	Samanea saman	32	6	Healthy
60	60	Foxtail palm	Wodyetia bifurcata	62	8	Healthy
61	61	Foxtail palm	Wodyetia bifurcata	62	8	Healthy
62	62	Foxtail palm	Wodyetia bifurcata	60	8	Healthy
63	63	Foxtail palm	Wodyetia bifurcata	85	8	Healthy
64	64	Foxtail palm	Wodyetia bifurcata	78	8	Healthy
65	65	Foxtail palm	Wodyetia bifurcata	78	8	Healthy
66	66	Sonmohar	Peltophorum pterocarpum	78	8	Healthy

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143	143	Saptaparni	Alstonia scholaris	115	10	Healthy
144	144	Saptaparni	Alstonia scholaris	82	10	Healthy
145	145	Saptaparni	Alstonia scholaris	96	10	Healthy
146	146	Saptaparni	Alstonia scholaris	88	10	Healthy
147	147	Saptaparni	Alstonia scholaris	102	10	Healthy
148	148	Foxtail palm	Wodyetia bifurcata	62	8	Healthy
149	149	Foxtail palm	Wodyetia bifurcata	58	8	Healthy
150	150	Foxtail palm	Wodyetia bifurcata	60	8	Healthy
151	151	Foxtail palm	Wodyetia bifurcata	62	8	Healthy
152	152	Foxtail palm	Wodyetia bifurcata	56	8	Healthy
153	153	Foxtail palm	Wodyetia bifurcata	62	8	Healthy
154	154	Foxtail palm	Wodyetia bifurcata	61	8	Healthy
155	155	Foxtail palm	Wodyetia bifurcata	60	8	Healthy

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105	105	Bakul	Mimusops elengi	32	6	Healthy
106	106	Akashneem	Millingtonia hortensis	78	8	Healthy
107	107	Sonmohar	Peltophorum pterocarpum	76	8	Healthy
108	108	Chapha	Plumeria alba	25	4	Healthy
109	109	Chapha	Plumeria alba	26	4	Healthy
110	110	Akashneem	Millingtonia hortensis	78	8	Healthy
111	111	Sonmohar	Peltophorum pterocarpum	78	8	Healthy
112	112	Chapha	Plumeria alba	28	4	Healthy
113	113	Foxtail palm	Wodyetia bifurcata	63	8	Healthy
114	114	Naral	Cocos nucifera	58	3	Healthy
115	115	Foxtail palm	Wodyetia bifurcata	63	8	Healthy
116	116	Parijatak	Nyctanthes arbor tristis	43	5	Healthy
117	117	Parijatak	Nyctanthes arbor tristis	42	4	Healthy
118	118	Umber	Ficus racemosa	95	8	Healthy
119	119	Bakul	Mimusops elengi	56	8	Healthy
120	120	Sea Hibiscus	Hibiscus tiliaceus	72	6	Healthy
121	121	Sita Ashok	Saraca asoca	43	4	Healthy
122	122	Chota Nandruk	Ficus benjamina	72	8	Healthy
123	123	Naral	Cocos nucifera	96	10	Healthy
124	124	Chota Nandruk	Ficus benjamina	72	8	Healthy
125	125	Sita Ashok	Saraca asoca	25	4	Healthy
126	126	Sita Ashok	Saraca asoca	32	3	Healthy
127	127	Naral	Cocos nucifera	96	10	Healthy
128	128	Chota Nandruk	Ficus benjamina	72	6	Healthy
129	129	Naral	Cocos nucifera	75	8	Healthy
130	130	Sea Hibiscus	Hibiscus tiliaceus	78	5	Healthy
131	131	Pisonia	Pisonia alba	72	8	Healthy
132	132	Pisonia	Pisonia alba	68	8	Healthy
133	133	Pisonia	Pisonia alba	31	5	Healthy
134	134	Pisonia	Pisonia alba	62	8	Healthy
135	135	Sonchapha	Michelia champaca	58	8	Healthy
136	136	Pisonia	Pisonia alba	32	5	Healthy
137	137	Sonchapha	Michelia champaca	38	6	Healthy
138	138	Sonchapha	Michelia champaca	53	6	Healthy
139	139	Sonchapha	Michelia champaca	38	6	Healthy
140	140	Sonchapha	Michelia champaca	55	6	Healthy
141	141	Sonchapha	Michelia champaca	58	6	Healthy
142	142	Saptaparni	Astonia scholaris	118	10	Healthy

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Policy Document on Green campus, Environment and Energy Usage

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Policy Document on Green campus, Environment and Energy Usage

Preamble

Atharva College of Engineering with a vision of *Clean and Green Campus* to promote sustainable and eco-friendly practices in the campus and beyond the campus. The green campus concept offers the institution an opportunity to take the lead in redefining its environmental culture through instilling environmental ethics among students and staff. The environment and energy policy will help us to embed efficiency and environmental awareness into our everyday activities, thus helping us to realize our responsibilities and commitment to conservation of natural resources and to limit its usage.

I. Objectives

- Implement and manage green and sustainable initiatives on campus
- Monitor and reduce waste and activities
- Foster a culture of sustainability awareness, action in the campus and local community
- To motivate students to adopt environment friendly practices to save electricity, save water, by making, distributing and use of paper bags,

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II. Practices

The Institution is committed to managing its campus in accordance with responsibilities towards promoting sustainable environment. These responsibilities can be demonstrated within the following areas;

- A. Green Environment & Clean Campus through Solid, liquid & E -Waste Management
- B. Water Conservation and Management
- C. Paperless operating procedure
- D. Landscaping with Trees and Plants
- E. Energy Use and Conservation
- F. Ban on Single-use Plastics on the Campus

A. Green Environment and Clean Campus

The students are given strict instructions to maintain the campus clean. A gardener and full-time adequate support staff are appointed for the maintenance of litter free clean and Green Campus. Solid waste is segregated as bio degradable and non-degradable and handed over to Municipal



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Corporation. All Departments and classrooms are provided with dustbins for dry wastage disposal. Segregation of waste into dry and wet waste from the separately allotted dustbins is done in strategic locations, thus maintaining the Campus clean and Eco- friendly. Food leftovers from the canteen is treated and converted into Vermin- compost in the vermicompost pit.

The college adopts most scientific and eco-friendly e-waste disposal mechanisms such as Annual Maintenance Contract is maintained to periodically review the effective functioning of CPU's and Monitors and expert recommendations are followed to dispose the same in the market. The institution has a contract for approved E-Waste Management and Disposal facility in order to dispose E-waste in scientific manner. Obsolete workable computers, printers and other equipment discarded by departments are sold as scrap. The cartridges of printers are refilled outside the college campus. UPS Batteries are recharged and repaired by the suppliers.

Students are made aware that conserving water is equivalent to conserving their future. Refilling water bottle from the water purifier is one of the best practices followed. In house - plumbers attend promptly to fix leakages and wastage of water.

Green Audit is conducted to identify, quantify, describe and priorities a framework of Environment Sustainability in compliance with the applications, policies and standards.

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B. Maintenance of Water Bodies

College gets water supply from local municipality every day. The institution has a good storage of ground water, drinking water and water for cleaning purpose. For drinking purpose, the Institution has an Aqua guard water purifier facility on every floor.

College has rain water harvesting pits, which function efficiently during the rainy season. It is made mandatory to clean and disinfect water holding tanks at least monthly once or more often, if required. Water filters are replaced periodically to provide the students and staff with pure drinking water.

C. Water Conservation and Management

The college has installed rainwater harvesting mechanism wherein the rainwater is accumulated and deposited for reuse. The water collected is directed to a deep pit of bore-well for later use.

D. Paperless Operating Procedure

Several initiatives are taken to minimize the usage of paper. Digital storage of documents is one such measure wherein the technology is used to a greater extent for communication among the staff and the students rather than paper communication. WhatsApp-class wise groups, Department wise groups, etc. facilitate E-communication and use of public address systems reducing usage of paper in notices and circulars.

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E. Landscaping with Trees and Plants

The institution organizes Tree Plantation program every year at the College Campus.. Students and staff enthusiastically initiate and participate in the tree plantations drive on the campus and also outside the campus. Environmental promotional activities conducted to bring awareness among the students regarding advantages of tree plantation for an Eco-friendly Environment. The plantation program includes plantation of various types of ornamental and medicinal variety, wild plant species stepping up the oxygen levels on the campus.

F. Energy Use and Conservation

- To use LED Bulbs replacing tube lights in classrooms and administrative office.
- Energy audit is conducted to identify the extent of energy consumption and find appropriate strategies of conservation.

G. Ban on Single-use Plastics on the Campus

The institution conducts sensitization programs on the harmful impact of single-use plastics and mandates all the students - to avoid carrying non-bio-degradable plastic items to the institution, which includes plastic bags, cups, plates, small drinking water bottles, straws and sachets.



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These strategies are incorporated into the institutional planning and budgeting processes with the aim of developing a clean and green campus. This policy will be communicated to the students and employees via internal communication channels and will be made available to all the stakeholders on the institutional website.

All the stakeholders are required to abide by the policy to make the college campus green, clean and eco-friendly.

References

- UGC Guidelines for development of green campus, 2016
- Swachh Campus - A manual for Swachhta Ranking of Higher Education Institutions, Government of India Ministry of Human Resource Development, 2017