



BUNTS SANGHA'S

**S.M.SHETTY COLLEGE OF SCIENCE, COMMERCE &
MANAGEMENT STUDIES**

Criterion 7

7.1.2

Alternate Sources of Energy and Energy Conservation Measures



BUNTS SANGHA'S


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INDEX

Alternate Sources of Energy and Energy Conservation Measures

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PRINCIPAL
Bunts Sangha's S. M. Shetty College
of Science, Commerce & Management Studies
Powai, Mumbai - 400 076.
Tel.: 022 - 6132 7352
Email : college@smshettyinstitute.org



BUNTS SANGHA'S

S.M.SHETTY COLLEGE OF SCIENCE, COMMERCE & MANAGEMENT STUDIES

ENERGY CONSERVATION POLICY

BUNTS SANGHA'S S.M. SHETTY COLLEGE OF SCIENCE, COMMERCE AND MANAGEMENT STUDIES,
POWAI, MUMBAI



BUNTS SANGHA'S S.M. SHETTY COLLEGE OF SCIENCE,
COMMERCE AND MANGEMENT STUDIES, POWAI, MUMBAI

INTERNAL QUALITY ASSURANCE CELL (IQAC)

ENERGY CONSERVATION POLICY

(With Effect from: 2017-18)
(Revised : 2021-22)

INTERNAL QUALITY ASSURANCE CELL (IQAC)



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POWAI, MUMBAI

ENERGY CONSERVATION POLICY

OBJECTIVE

The institution has framed the policy for accomplishing the following objectives:

- To create awareness among the students and staff members about the techniques of reducing energy consumption
- To use alternative energy sources for environmental sustainability
- To educate the students and staff members on methods of saving by minimizing use of electricity
- To avoid wastage of energy

Bunts Sangha's S.M. Shetty College of Science, Commerce and Management Studies has sustainable environmental and energy consumption practices. The campus has taken initiatives to minimize the use of electricity and is also using alternate energy source. Few highlights of our initiatives are:

- Entire campus uses LED lights
- Solar panel is installed as an alternative energy source
- Students and staff members are educated on stopping wastage of energy by placing posters near switches

To accomplish the objectives, the institution has following policies:

LIGHTS:

- The institution uses only LED bulbs for illuminating the facility
- The switches are appropriately allocated to lights so that there is no unnecessary light being used
- The students and staff members are instructed to switch off the lights before leaving the room.
- Every room has provision of natural light to minimize use of electric bulb

INTERNAL QUALITY ASSURANCE CELL (IQAC)



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POWAI, MUMBAI

AIR CONDITIONERS & FANS:

- Each classroom is having fans installed so as to cover entire room.
- Air conditioners can be used only if there are considerable number of students and staff members are using the room
- ACs are switched on by the security guard so that its usage can be monitored

MAINTENANCE:

- A dedicated team of maintenance staff for electrical equipments and fittings has been appointed under the central administration of the institution.
- For any complain or service requirements, the staff members can mail to adminhelpdesk@smshettyinstitute.org

Hence, the institution aspires to minimize carbon footprint by reducing the usage of energy and using alternative sources of energy.

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INTERNAL QUALITY ASSURANCE CELL (IQAC)



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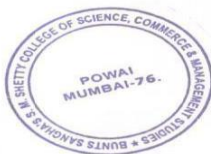
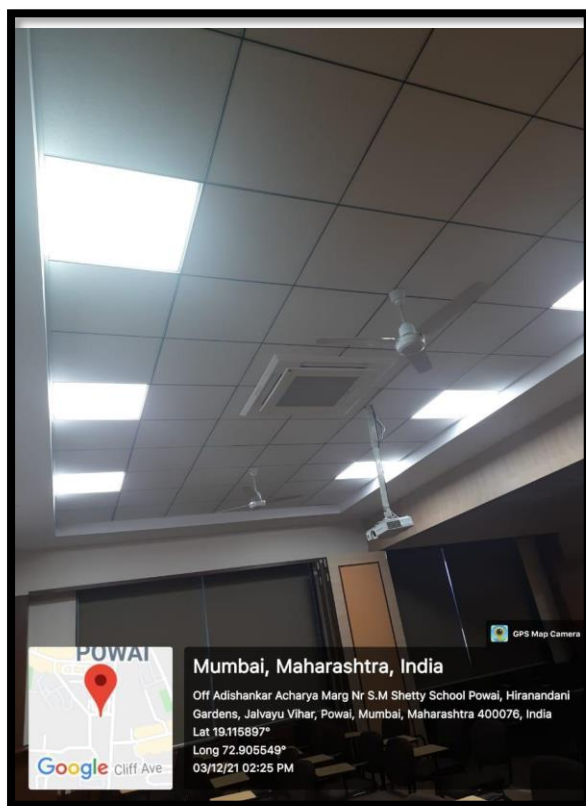
GEO TAGGED IMAGES


ALTERNATE ENERGY SOURCES

All classes, AV Room, Auditorium and other facilities have LED bulbs

LED fittings in Classrooms

All the classrooms and other facilities in the institution are installed with LED lights for making the campus more energy efficient and also generating less waste.

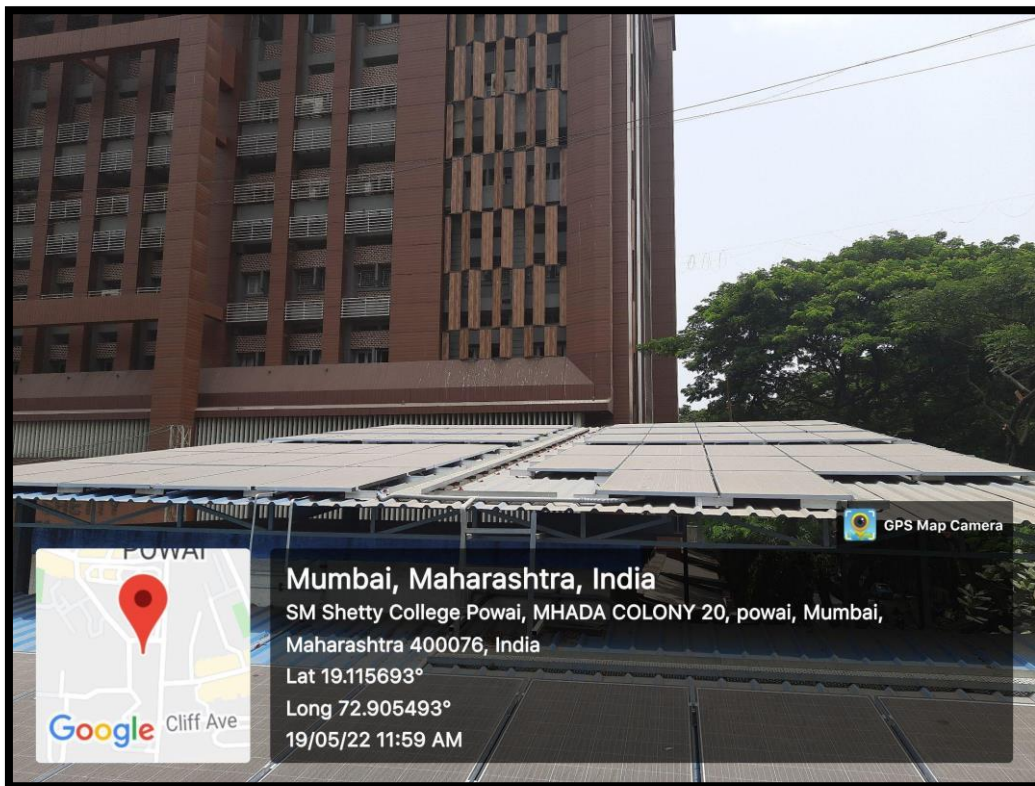



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Solar Panel in the Campus

Solar Panel has become operational since May 2022




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Net meter

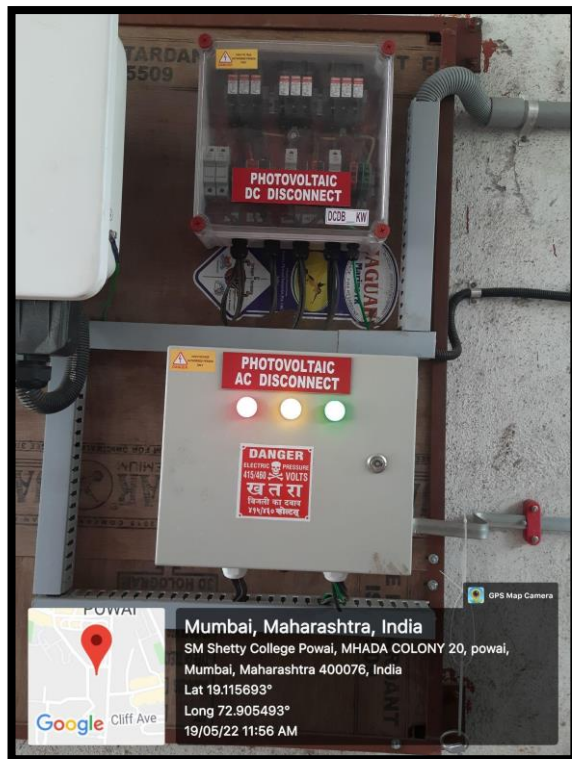
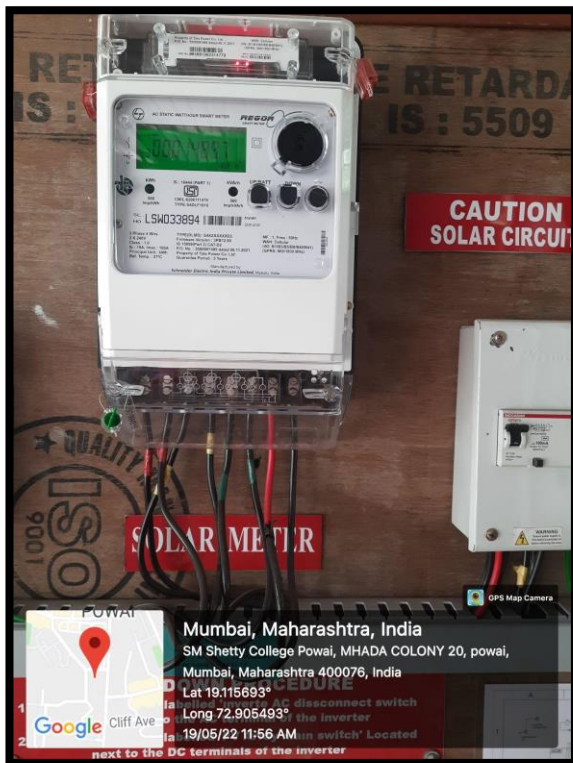



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Netmeter for accessing solar energy generated

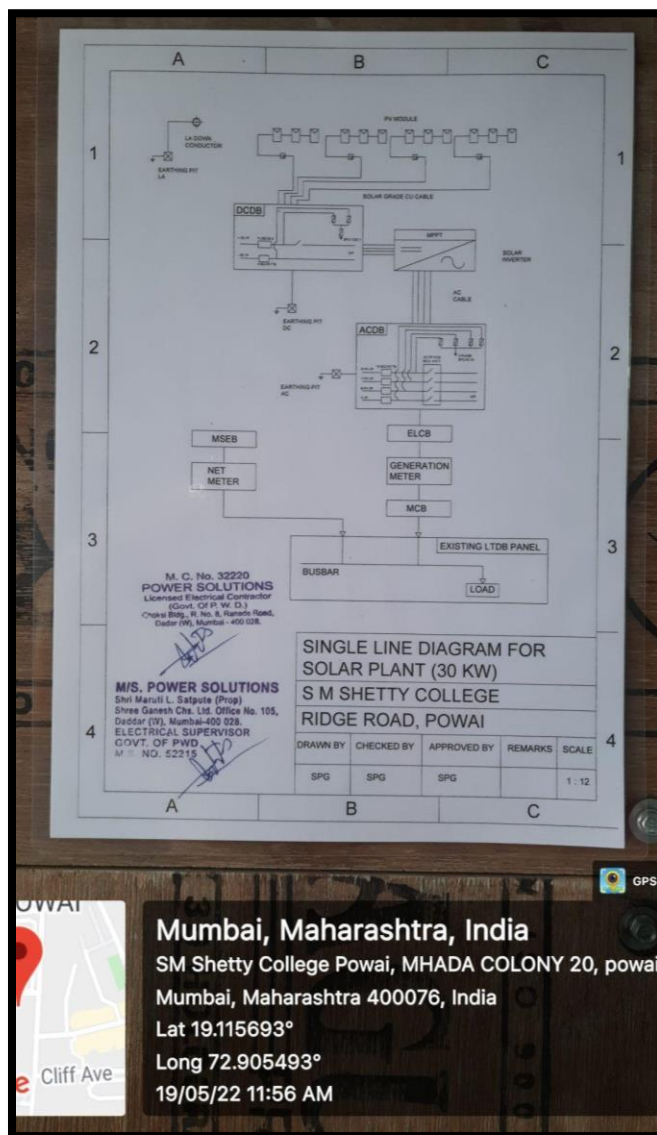


[Signature]
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Solar Plant blue-print in the institutional campus



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New ACs with Inverters and better star rating



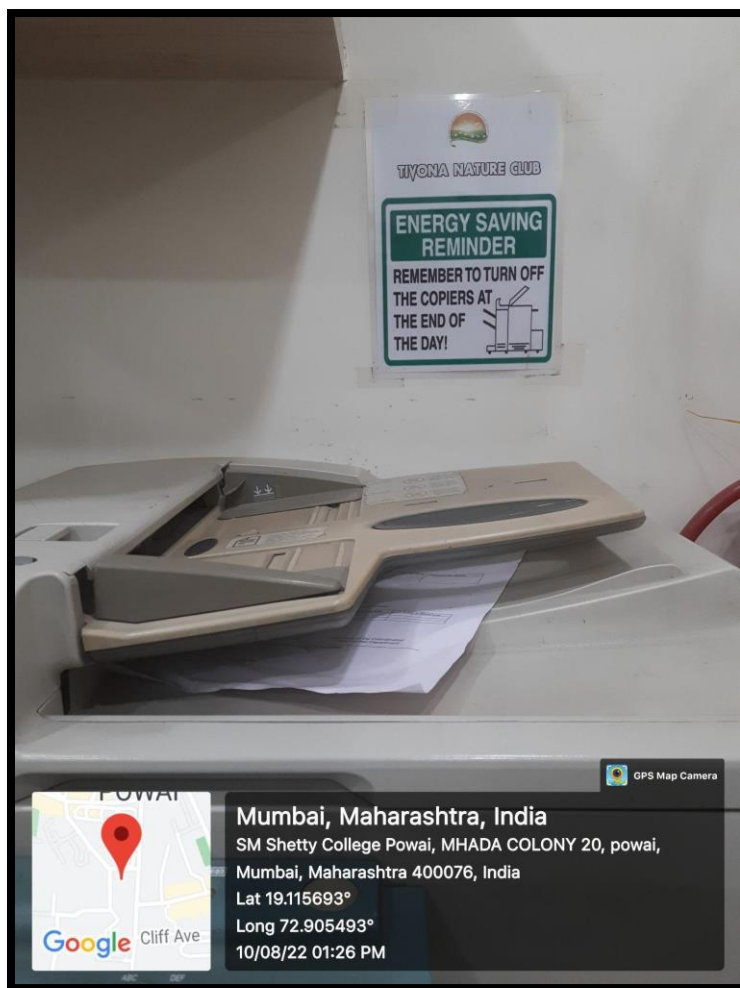

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ENERGY SAVING INITIATIVES



The Nature Club - Tivona- Educates students and staff to conserve energy by posters




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Educating students about energy conservation




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BILLS

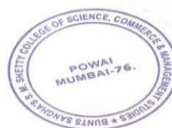
ALTERNATE ENERGY SOURCES

Approval and Bills of LED Lights from Management

BUNTS SANGHA'S POWAI EDUCATION COMMITTEE	
REF. No. ADM 041/2020 Date : 18/09/2020	
SUBJECT : BUDGET/PROPOSAL/SANCTION	
INDENTOR	Savita Shetty
SECTION	BUNTS SANGHA'S S.M.SHETTY EDUCATIONAL INSTITUTIONS
ADMINISTRATION/PROGRAMME	Wipro 2' x 2' LED Panel
Wipro 2' x 2' LED Panel	<p>Wipro 2' x 2' LED Panel</p> <p>Wipro 2' x 2'-36 W 70 Nos @ Rs.1562 Rs.109340 ✓</p> <p>CRCO24RO36HP65-Lumnes(3200)</p> <p>M/s Mohit World Rs.109340/-+GST ✓</p>
EXPENSE DETAILS	
Total Cost	
M/s Mohit World	Rs.109340/- + GST

 SAVITA SHETTY INDENTOR	 AARTI SUVARNA ASST ACCOUNTS MANAGER	 SANDEEP SINGH GENERAL MANAGER A & A
 RECOMMENDED BY SECRETARY	 TREASURER	 VICE CHAIRMAN
 VICE CHAIRMAN	 APPROVED BY CHAIRMAN	

Approval from Institution's Management for installing LED bulbs & tubelights



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S.M.SHETTY COLLEGE OF SCIENCE, COMMERCE & MANAGEMENT STUDIES

Proforma Invoice

MOHIT WORLD
 Office # 3, 3rd Floor, Shahviri Building
 741, Picket Rd, Kalbadevi, Mumbai
 Maharashtra - 400002, India
 GSTIN/UIN: 27ABPPS7318R1ZJ
 State Name : Maharashtra, Code : 27
 E-Mail : mohit.salecha@gmail.com
 Consignee

Bunts Sangha's S.M.Shetty Educational Institutions
 Hiranandani Garden, Powai, Mumbai, Kind Att: Ms.
 Savita Shetty, Tel: 022-61327330, Maharashtra - 400 076, India
 GSTIN/UIN : 27AAATB0337M1ZT
 State Name : Maharashtra, Code : 27

Buyer (if other than consignee)
Bunts Sangha's S.M.Shetty Educational Institutions
 Hiranandani Garden, Powai, Mumbai, Kind Att: Ms.
 Savita Shetty, Tel: 022-61327330, Maharashtra - 400 076, India
 GSTIN/UIN : 27AAATB0337M1ZT
 State Name : Maharashtra, Code : 27
 Place of Supply : Maharashtra

Invoice No. 106
Dated 24-Sep-2020
Delivery Note
Mode/Terms of Payment 50% Advance, Balance Against Delivery
Supplier's Ref.
Other Reference(s)

Buyer's Order No.
Dated 23-Sep-2020
Email
Despatch Document No. Delivery Note Date
Despatched through Destination
Pvt Tempo
Terms of Delivery 1 Week

BUNTS SANGHA'S
S. M. SHETTY HIGH SCHOOL & J.P. COLLEGE
 Prod. era 4.4.10.512622 Sr. No. 12045
 Clerk
 Principal /
 Teacher /

Sl No	Description of Goods	HSN/SAC	GST Rate	Quantity	Rate	per	Disc. %	Amount
1	Wipro CRCO24R036HP65 36W 2'2 Led Panel	9405	12 %	70 pcs	1,562.00	pcs		1,09,340.00
								6,560.40
								6,560.40
								0.20
	SGST							
	CGST							
	Round Off							
	Total			70 pcs				₹ 1,22,461.00

Amount Chargeable (in words)
Indian Rupees One Lakh Twenty Two Thousand Four Hundred Sixty One Only

HSN/SAC	Taxable Value	Rate	Amount	Central Tax Rate	Amount	State Tax Rate	Amount	Total Tax Amount
9405	1,09,340.00	6%	6,560.40	6%	6,560.40	6%	6,560.40	13,120.80
	Total		1,09,340.00		6,560.40		6,560.40	13,120.80

Tax Amount (in words) : Indian Rupees Thirteen Thousand One Hundred Twenty and Eighty paise Only

*Sent advance payment.
Balance on delivery*

Company's PAN : ABPPS7318R
Declaration
 We declare that this invoice shows the actual price of the goods described and that all particulars are true and correct.

Company's Bank Details
 Bank Name : Indusind Bank Ltd
 A/c No. : 200999535228
 Branch & IFS Code : Crawford Market & INDB00000470
 for MOHIT WORLD

Customer's Seal and Signature
Authorised Signatory

SUBJECT TO MUMBAI JURISDICTION
 This is a Computer Generated Invoice

Invoice by Vendor

PRINCIPAL
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 of Science, Commerce & Management Studies
 Powai, Mumbai - 400 076.
 Tel.: 022 - 6132 7352
 Email : college@smshettyinstitute.org



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State Name: Maharashtra, Code : 27

Payment PEP Voucher

No. : ²³⁴ PEP/1250/20-21

Dated : 25-Sep-2020

Particulars	Amount
Account : MOHIT WORLD	61,231.00

Through :
Cosmos Bank A/c No 919050102400

On Account of :
Ch. no. 054661 being advance payment made toward purchase of LED Panel

Amount (in words) :
INR Sixty One Thousand Two Hundred Thirty One Only

₹ 61,231.

Receiver's Signature: [Signature]

Prepared by: [Signature]

Verified by: [Signature]

Authorised Signa: [Signature]

Bill of LED fittings



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Payment PEP Voucher

No. : ²³⁵PEP4251/20-21

Dated : 25-Sep-2020

Particulars	Amount
Account : MOHIT WORLD	61,230.00

Through : Cosmos Bank A/c No 919057102400

On Account of : Ch. no. 054662 being balance payment made toward purchase of of LED Panel

Amount (in words) : INR Sixty One Thousand Two Hundred Thirty Only

Receiver's Signature: मोहं रामचंद्र बहाडे 74 00391291

Prepared by: [Signature]

Verified by: [Signature]

Authorised Signatory: [Signature]

₹ 61,230.00

Delivery Challan



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**S.M.SHETTY COLLEGE OF SCIENCE, COMMERCE &
MANAGEMENT STUDIES**

Tax Invoice		Invoice No.		e Way Bill No.		Dated	
ALD 3rd Floor, Shahvin Building Picket Rd, Kolbadavi, Mumbai Maharashtra - 400002, India ASTINUIN: 27ABPPS7318R1Z1 State Name : Maharashtra, Code : 27 E-Mail : mohit.salecha@gmail.com Consignee Bunts Sangha's S.M.Shetty Educational Institutions Hiranandani Garden, Powai, Mumbai, Kind Attn: Ms. Savita Shetty, Tel: 022-61327330, Maharashtra - 400 076, India GSTIN/UIN : 27AAATB0337M1ZT State Name : Maharashtra, Code : 27		S. M. SHETTY SANGHA'S Picket Rd, Kolbadavi, Mumbai Maharashtra - 400002, India ASTINUIN: 27ABPPS7318R1Z1 State Name : Maharashtra, Code : 27 E-Mail : mohit.salecha@gmail.com Consignor Bunts Sangha's S.M.Shetty Educational Institutions Hiranandani Garden, Powai, Mumbai, Kind Attn: Ms. Savita Shetty, Tel: 022-61327330, Maharashtra - 400 076, India GSTIN/UIN : 27AAATB0337M1ZT State Name : Maharashtra, Code : 27 Place of Supply : Maharashtra		123 Invoice No. 610120 Delivery Note Supplier's Ref Buyer's Order No. Email Dispatch Document No.		5-Oct-2020 Mode/Terms of Payment 50% Advance, Balance Against Delivery Other Reference(s) Dated 23-Sep-2020 Delivery Note Date	
Buyer (if other than consignee) Bunts Sangha's S.M.Shetty Educational Institutions Hiranandani Garden, Powai, Mumbai, Kind Attn: Ms. Savita Shetty, Tel: 022-61327330, Maharashtra - 400 076, India GSTIN/UIN : 27AAATB0337M1ZT State Name : Maharashtra, Code : 27 Place of Supply : Maharashtra		1 Week BUNTS SANGHA'S S.M. SHETTY EDUCATIONAL INSTITUTIONS GOODS RECEIVED SECURITY Inward No. 11466 Security Name Dns Sh. L. Yadav Security Sign BK Date 06/10/2020 Challan No. 123 Time 4:10 PM		Despatched through Destination Pvt Tempo Terms of Delivery 1 Week			
No.	Description of Goods	HSN/SAC	GST Rate	Quantity	Rate	per Desc. S.	Amount
1	Wipro CRCO24R036HP65 36W 2*2 Led Panel	9405	12 %	70 pcs	1,562.00	pcs	1,09,340.00
SGST CGST Round Off							6,560.40 6,560.40 0.20
Total							70 pcs ₹ 1,22,461.00 E & Q.E
Amount Chargeable (in words) Indian Rupees One Lakh Twenty Two Thousand Four Hundred Sixty One Only							
HSN/SAC	Taxable Value	Central Tax Rate	Central Tax Amount	State Tax Rate	State Tax Amount	Total Tax Amount	
9405	1,09,340.00	6%	6,560.40	6%	6,560.40	13,120.80	
Total			1,09,340.00		6,660.40	13,120.80	
Tax Amount (in words) : Indian Rupees Thirteen Thousand One Hundred Twenty and Eighty paise Only							
Company's PAN : ABPPS7318R Declaration We declare that this invoice shows the actual price of the goods described and that all particulars are true and correct.		Company's Bank Details Bank Name : Indusind Bank Ltd A/c No : 200999536228 Branch & IFS Code : Crawford Market & INDB000					
Customer's Seal and Signature		AUTHORIZED SIGNATURE MOHIT SALECHA					
SUBJECT TO MUMBAI JURISDICTION This is a Computer Generated Invoice							

Receipt by Vendor after payment of total amount





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SOLAR PANEL

 **Bunts Sangha's**
POWAI EDUCATION COMMITTEE
Opp Jal Vayu Vihar, Hiranandani Gardens, Powai Mumbai 400 076
Tel. 25706175 / 61327312

Ref. PEC/OB/010/2020-21/44

MINUTES OF THE OFFICE BEARERS MEETING HELD ONLINE ON FRIDAY, MAY 21, 2021
A meeting of the Office Bearers of Powai Education Committee was held on Friday, 21st May, 2021 at 10:30am online using ZOOM Platform.

The following members were present:

1. Shri B R Shetty
2. Shri Vasant N Shetty Palimar
3. CS Uttam Shetty
4. CA Jagdish Shetty

1. To confirm the Minutes of the meeting held on 14th May, 2021
The minutes of the Office Bearers meeting held on 14th May, 2021 (post PEC) was confirmed by the Office Bearers.

2. Arising out of the minutes and action taken report:

6	Solar panel work	Adani people visited our campus on Wednesday and informed that we could generate 32 KV electricity with the available space over the transformer room. They will share their proposals accordingly.
---	------------------	---

CHANDRAHAS K SHETTY President B R SHETTY Chairman RATNAKAR SHETTY MUNDKUR Vice Chairman VASANT N SHETTY Vice Chairman CS UTTAM SHETTY Secretary CA JAGDISH SHETTY Treasurer

Approval in CDC Meeting

The institution got the approval by the management in the month of May 2021 and immediately started with its installation




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Solar Panel Installation Bill

o/c

ASMI ENERGY SYSTEMS

Asmi Energy Systems Private Limited
Office No.-10, Gr. E-wing, 5th Bldg., Dabholka wadi 'A' ward SRA CHS
Jerbai Wadia Road, Bhowwada, Parel, Mumbai
Maharashtra- 400 012.

PAN: AARCA146SH GSTIN: 27AARCA146SH12G

TAX INVOICE

BUNTS SANGHA'S S.M. SHETTY EDUCATIONAL INSTITUTIONS,
Address:- Hiranandani Gardens, Powai,
Mumbai: 400076
Contact:- 022-61327312

Tax Inv. No : AES/2022-23/001
Tax Inv. Date : 01/04/2022

GSTIN:

Particulars	SGST	CGST	IGST	Amount (INR)
50% on Receipt of Material at site against Work Order No. SMS/022/2021-22 - 30 KW Solar Panel Installation above DG, Electrical Room & Transformer at Powai, Mumbai.	9	9	-	₹5,99,520.00
Interest @ 18% p.a. will be charged, if payment is not made Within days of Invoice				
			Total Amount	₹5,99,520.00
			SGST @ 9 %	₹ 53,956.80
			CGST @ 9 %	₹ 53,956.80
			IGST @ 18 %	-
			R/F	0.40
Rupees Seven Lakhs Seven Thousand Four Hundred Thirty Four Only			GRAND TOTAL RS	₹ 7,07,434.00

Account Details
Account Name: Asmi Energy Systems Private Limited
Bank Name: HDFC Bank
Account Number: 50200043143517
IFSC Code: HDFC0000084

For Asmi Energy Systems Pvt. Ltd.
(Authorized signatory)

Signature
Type: Current Account *release*

verified & found correct
date 05/04/2021 or 16/4/21.
o/wd Bolu Patel
date 14/4/21 Signature: *[Signature]*

Recommended for Payment
Signature: *[Signature]*

Checked & Passed
Signature: *[Signature]*

Operational Office: Shop No.10, Ground Floor, E-Wing, 5th Bldg. Dabholkar Wadi 'A' Ward SRA CHS, Jerbai Wadia Road, Bhowwada, Parel, Mumbai - 400 012.
Email: contact@asmienergysystems.in, Contact No. 9768146340/8850005905

Receipt of 50% bill payment for solar panel



[Signature]
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Asmi Energy Systems Private Limited
Office No.-10, Gr. E-wing, 5th Bldg., Dabholka wadi 'A' ward SRA CHS
Jerbai Wadia Road, Bhoiwada, Parel, Mumbai
Maharashtra- 400 012.

PAN: AARCA1465H GSTIN: 27AARCA1465H1ZG

TAX INVOICE

BUNTS SANGHA'S S.M. SHETTY EDUCATIONAL INSTITUTIONS,
Address:- Hiranandani Gardens, Powai,
Mumbai: 400076
Contact:- 022-61327312
GSTIN:

Tax Inv. No : AES/2022-23/002
Tax Inv. Date : 31/03/2022

Particulars	SGST	CGST	IGST	Amount (INR)
100% on Completion of work at site against Work Order No. SMS/022/2021-22 - 30 KW Solar Panel Installation above DG, Electrical Room & Transformer at Powai, Mumbai.	9	9	-	₹5,99,520.00
Interest @ 18% p.a. will be charged, if payment is not made Within days of Invoice	Total Amount			₹5,99,520.00
	SGST @ 9 %			₹ 53,956.80
	CGST @ 9 %			₹ 53,956.80
	IGST @ 18 %			0.40
	R/F			0.40
Rupees Seven Lakhs Seven Thousand Four Hundred Thirty Four Only	GRAND TOTAL RS			₹ 7,07,434.00

Account Details
Account Name: Asmi Energy Systems Private Limited
Bank Name: HDFC Bank
Account Number: 50200043143517
IFSC Code: HDFC0000084

For Asmi Energy Systems Pvt. Ltd.
(Authorized signatory)

Signature: *(Signature)*
(Authorized signatory)

Signature: *(Signature)*
Signature: *(Signature)*

Operational Office: Shop No.10, Ground Floor, E-Wing, 5th Bldg. Dabholkar Wadi 'A' Ward SRA CHS, Jerbai Wadia Road, Bhoiwada, Parel, Mumbai - 400 012.
Email: contact@asmienergysystems.in, Contact No. 9768146340/8850005905

kept 5% Retention Money as per the W.O.
payment you can release. I have check all the work on 16/4/2022.
id OK. *Basant* 16/4/2022

Payment receipt after 100% work completion of Solar panel installation



(Signature)
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of Science, Commerce & Management Studies
Powai, Mumbai - 400 076.
Tel.: 022 - 6132 7352
Email : college@smshettyinstitute.org



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ELECTRICITY BILL SHOWING SOLAR PANEL ENERGY GENERATED & ITS ADJUSTMENT

First electricity bill after installation of Solar Panel

Consumer Number (CA no.): 9000 0109 9668

Name: B.S.S.M SHETTY OF SCI, COM& MGT STU

Address: 6TH & 8TH FLOORS AT VILLAGE KOPARI POWAI, CTS NO PLOT 7 20 & 7 21, NEAR HIRANANDANI COMPLEX, POWAI, MUMBAI, 400076

Mobile No.: 8*****32 **Email Id:** su*****hp@s**ta.org

PAN No.: AA*****7M **GST No.:** 27AAATB0337M1ZT

YOU CAN REACH OUT TO US AT:

TOLL FREE NO.: 18002095161

WHATSAPP: 7045116237

IN CASE OF FIRE/ ACCIDENT: 022 2577 4399

EMAIL: customercare@tatapower.com

WEBSITE: cp.tatapower.com

TATA POWER
Lighting up Lives!

The Tata Power Company Ltd., Commercial Department, Senapati Bapat Marg, Lower Parel, Mumbai 400 013

Regular Bill

Solar Net Meter: EBPP

Bill No.: 95000162223

Meter No.: SH000028

Meter status: OK

Bill Month: MAY-2022

Metered Units: 33,540

Billed Units: 33,540

Supply Zone: East E2D1

Dispatch Zone: East E2D1

Net. Mtr. Rdg. Dt.: 30.06.2022 (Term.)

Bill Period: 01.05.2022 to 31.05.2022

Discount Date: 21.06.2022

Due Date: 29.06.2022

Supply Date: 27.01.2022

Bill Date: 14.06.2022

Tariff Category: HT V (B) - PUBLIC SERVICE OTHERS

MRU: DHD1E299

Consumer: Dired

Type Of Supply: 3 PHASE HT

Current Bill Amount
Rs. 410,690.00

Net Other Charges
Rs. 0.00

Past Dues
Rs. -410,690.00

Total Amount Before Due Date*
Rs. 0.00*

Amount By Discount Date
Rs. 0.00

Amount After Due Date
Rs. 0.00

Security Deposit Available
Rs. 11,000.00

Security Deposit Due
Rs. 0.00

*Due date is applicable for current bill only.

Switch ON Smart, Switch ON Green

TATA POWER EZ HOME

Special Subsidized Offer for Tata Power Mumbai Consumers

SMART PLUG WITH IR REMOTE

CONTROLS MULTIPLE APPLIANCES LINE AC, TV, SET TOP BOX & MORE

Switch on Smart

For More Details, Contact 1800-2-12345

4,499/-

1,749/-

For Orders, Scan

*T&C Apply

Your nearest offline payment centres Customer Relations Centre (MON TO SAT: 9:00 TO 17:00 HRS & LUNCH: 14:00 TO 14:30 HRS, 2ND & 4TH SATURDAY: 9:00 TO 13:00 HRS)

Shop No 07, 7A Shri Hari Co-op Society, RTO Road, Lokhandwala Complex, Landmark-Nat to Ambedkar Hall, Andheri (W) Mumbai 400053.

MESSAGE TO CONSUMER

Beware of fraudulent messages being received by you. Tata Power does not send SMS from an unregistered number asking you to share any Password, OTP, Bank Details and the mobile/laptop screen with our executives while making payments. Please use our authorized payment modes only. YOUR SAFETY IS OUR TOPMOST PRIORITY!

Nilesh Kane
Chief - Distribution
(Mumbai Operations)

FOLLOW US ON:

12.10.20, 14.06.2022

C230/0000

THE TATA POWER COMPANY LIMITED

Consumer Name: B.S.S.M SHETTY OF SCI, COM& MGT STU		Consumer No: 9000 0109 9668
Bill No.: 95000162223	Bill Date: 14.06.2022	Bill Amount: Rs.0.00
Cheque No.:	Discount Date: 21.06.2022	Amt by Disc Dt.: Rs.0.00
Cheque Date:	Due Date: 29.06.2022	Amt After Due Dt.: Rs.0.00

Payment should be made by crossed cheque/DD in favour of "Tata Power CA, NO. 9669 9109 9668"

For multiple payments, write CA no & break-up of amount on back side of cheque. Please don't issue postdated or outstation cheques. Pls attach payment slip(s).



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Sl.No	Total kVAh	TOD A(kVAh) 22 to 6 hrs	TOD B(kVAh) 6 to 9 & 12 to 18	TOD C(kVAh) 9 to 12 hrs	TOD D(kVAh) 18 to 22 hrs	kVA-A	kVA-B	kVA-C	kVA-D	Total kWh
Closing Rtg	6.8700	1.1100	3.4100	1.8900	0.8900	0.0000	0.0368	0.0338	0.0070	6.3930
Opening Rtg	1.2600	0.0700	0.8100	0.3000	0.0800	0.0000	0.0000	0.0000	0.0000	1.2000
Difference	8.0000	1.0400	2.6000	1.5900	0.8100	0.0000	0.0368	0.0338	0.0070	5.1930
M.F.	0.0000									0.0000
Adjustment	33.980	6.210	19.870	8.130	3.830	30	208	202	42	30.800

RkVAh (Lag) : 270 RkVAh (Lead) : 8,916 Total kVA : 288

Sanctioned load (kW) : 506.86 Contract Demand(kVA) : 506.86 RMD(kVA) : 288.06 RMD(kVA) : 325.86 Power Factor: 0.921(Lead) Load Factor: 9.906

Consumer No: 900001099688

Last Bill amt.	Rs.699,747.00
Last payment received	Rs.1,101,523.00
Payment received on	06.06.2022
Payment received mode	Cheque

For making bill payment through cheque, please ensure to submit cheque two working days in advance, so that payment will be realized on discount/ due date. Cash Payment can be accepted limited to 5,000/-

Month	Total Metered Units	Total Billed Units	Meter Demand(kVA)	Power Factor
APR 2022	64,980	64,980	395	0.965
MAR 2022	67,050	67,050	418	0.966
FEB 2022	33,960	33,960	418	0.907
JAN 2022	3,450	3,450	90	0.843

Sr. No.	Your Bill Details	Rs.
1	Energy Charges	177,426.60
2	ToD-A Rebate 22 to 6 hrs @ Rs. 0.75 /Unit	(cr) 4,657.50
3	ToD-C 9 to 12 hrs @ Rs. 0.50 /Unit	4,065.00
4	ToD-D 18 to 22 hrs @ Rs. 1.00 /Unit	3,630.00
5	Demand Charges	115,375.00
6	Demand Penalty Charges	0.00
7	Fuel Adjustment Charges @ Rs. 0.000	0.00
8	Regulatory Asset charges	0.00
9	Wheeling Charges TPC-D @ Rs. 1.04 /Unit	34,881.60
10	Green Power Tariff	0.00
11	Electricity Duty @ 21 %	69,451.35
12	Tax on Sale of Electricity @ Rs. 0.3404 /kWh	10,518.36
13	Power Factor Surcharge / Incentive	0.00
14	Adjustments	(cr) 0.41
15	Total (1 to 14)	410,690.00
16	Delayed Payment Charges	0.00
17	Interest on Arrears	0.00
18	Outstanding Amount (Pay immediately)	(cr) 410,690.00
19	Other Charges	0.00
20	Additional charges for Consumer Funded Job	0.00
21	Monitoring Amount	0.00
22	Advance Payment Available	0.00
23	Load Factor Incentive for last month	0.00
24	Discount for digital payment	0.00
25	Tax collection at source	0.00
26	Bill Amount (15 to 25)	0.00
27	Discount (if paid on / before 21.06.2022)	(cr) 3,307.00
28	Net Bill Amount	(cr) 3,307.00
29	Security Deposit (SD) Due	0.00
	E. & O.E.	

CONSUMPTION PATTERN: UNITS - KVAH

Extracts of Electricity Tariff Schedule w.e.f 01.04.2022

Category	HT V (R)	HT - PUBLIC SERVICES - OTHERS
Energy Charges (₹ /Unit)	5.29	0.00
RA Charges (₹ /Unit)	0.00	1.04
Wheeling Charges (₹ /Unit)	0.00	0.00/355.00
Fixed/ Demand Charges (₹ /Unit)	0.00	0.00
CSS Charges (₹ /Unit)	0.00	21.00
TDSE (₹ /Unit)	0.3404	

IMPORTANT NOTICE

1) In all your correspondence, please mention Consumer No. & Bill No. 2) All Bills, even if disputed, have to be paid fully. Adjustments if any, will be made in the subsequent bills. 3) Bill amount has been rounded off to the nearest Rupee. 4) If bills are short paid / paid after the due date, a one-time Delay Payment Charge (DPC) will be levied @ 1.25% of the total amount of the bill. 5) The interest will be payable from 2nd month after due date, on the amount of the bill plus the one-time DPC. Interest on arrears is chargeable upto 3 months: 12% p.a., beyond 3 months: 15% p.a. 6) Cash discount of 1% will be allowed on the monthly bill (excluding duty & taxes) if payment is received by the discount date indicated in the bill which is 7 days. 7) Kindly note that theft of electricity in any manner whatsoever will attract penal action under the Electricity Act 2003. 8) Using your electricity connection for purposes other than that provided for is a tariff violation & may lead to disconnection/ penal action.

Cash payment is limited to Rs. 5,000/- per month. 9) In case of any complaints, please reach out to us at our Toll Free No., WhatsApp or Email. 10) In case complaint is not resolved, you may also approach us through web based Internal Consumer Redressal System (ICRS) available at Customer portal - <https://cp.tatapower.com> 11) Further, in case of unresolved complaints, you may approach Consumer Grievance Redressal Forum (CGRF) online under grievances section at Customer portal. Every grievance must be submitted in writing in the format set out in Schedule A as per MREC. (Consumer Grievance Redressal Forum & Electricity Ombudsman) Regulations, 2020 downloadable from the customer portal. 12) Location of the Ombudsman Maharashtra Electricity Regulatory Commission, 608-609, Kishore Building, Bandra Kurla Complex, Mumbai-400051. Cash Payment not accepted on Bank Holidays.

Head Office: The Tata Power Co. Ltd., 24 Horni mode Street, Mumbai 400001, CIN: L28200MH1919PL300567, PAN No.: AAACD0054A / GST No.: 27AAACD0054A1Z1, MGN Code: 27163090



BUNTS SANGHA'S

S.M.SHETTY COLLEGE OF SCIENCE, COMMERCE & MANAGEMENT STUDIES

Consumer No: 900001099668

Consumer Name: B.S.S.M SHETTY OF SCI,
COM& MGT STU

Bill Period: 01.05.2022 to 31.05.2022



Print Doc: 95000162223

Tariff Category: HT6_PSO

Bill Date: 14.06.2022

Bill Month: MAY- 2022

Meter Reading Details	Import						Export					
	Total KVAH	TOD-A	TOD-B	TOD-C	TOD-B2	TOD-D	Total KVAH	TOD-A	TOD-B	TOD-C	TOD-B2	TOD-D
Opening Reading	1.28	0.08	0.12	0.31	0.70	0.09	0.43	0.00	0.00	0.36	0.07	0.00
Closing Reading	6.87	1.11	1.03	1.66	2.39	0.69	0.43	0.00	0.00	0.36	0.07	0.00
M.F	6000.00						6000.00					
Units KVAH	33540.00	6210.00	5460.00	8130.00	10110.00	3630.00	0.00	0.00	0.00	0.00	0.00	0.00
Adjustment	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Units bought forward from previous month (A)

KVAH/Month	Apr-22	May-22	Jun-22	Jul-22	Aug-22	Sept-22	Oct-22	Nov-22	Dec-22	Jan-23	Feb-23	Mar-23	TOTAL
Total	0	0											-

Import Energy (B)

KVAH/Month	Apr-22	May-22	Jun-22	Jul-22	Aug-22	Sept-22	Oct-22	Nov-22	Dec-22	Jan-23	Feb-23	Mar-23	TOTAL
Total	64980	33540											98520
TOD A	5970	6210											12180
TOD B	37200	15570											52770
TOD C	17160	8130											25290
TOD D	4650	3630											8280

Export Energy

KVAH/Month	Apr-22	May-22	Jun-22	Jul-22	Aug-22	Sept-22	Oct-22	Nov-22	Dec-22	Jan-23	Feb-23	Mar-23	TOTAL
Total	0	0											0
TOD A	0	0											0
TOD B	0	0											0
TOD C	0	0											0
TOD D	0	0											0

Export Energy Credited (C)

KVAH/Month	Apr-22	May-22	Jun-22	Jul-22	Aug-22	Sept-22	Oct-22	Nov-22	Dec-22	Jan-23	Feb-23	Mar-23	Total
TOTAL	0	0											0
TOD A	0	0											0
TOD B	0	0											0
TOD C	0	0											0
TOD D	0	0											0

Net Billed Energy D = B-(C+A)

KVAH/Month	Apr-22	May-22	Jun-22	Jul-22	Aug-22	Sept-22	Oct-22	Nov-22	Dec-22	Jan-23	Feb-23	Mar-23	TOTAL
Total	64980	33540											98520
TOD A	5970	6210											12180
TOD B	37200	15570											52770
TOD C	17160	8130											25290
TOD D	4650	3630											8280

Excess units carried forward to next month (E)

KVAH/Month	Apr-22	May-22	Jun-22	Jul-22	Aug-22	Sept-22	Oct-22	Nov-22	Dec-22	Jan-23	Feb-23	Mar-23	TOTAL
Total	0	0											0



PRINCIPAL
Bunts Sangha's S. M. Shetty College
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Powai, Mumbai - 400 076.
Tel.: 022 - 6132 7352
Email : college@smsshettyinstitute.org



BUNTS SANGHA'S

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Renewable Energy Generation (F)												
Meter No.: LSW033894												
Meter Reading Details	Total KVAH	TOD-A (22to6hrs)	TOD-B (6to9hrs)	TOD-C (9to12hrs)	TOD-B2 (12to18hrs)	TOD-D (18to22hrs)	Total KVAH	TOD-A (22to6hrs)	TOD-B (6to9hrs)	TOD-C (9to12hrs)	TOD-B2 (12to18hrs)	TOD-D (18to22hrs)
Opening Reading	193.84	1.22	13.14	59.68	116.34	3.46						
Closing Reading	2488.26	17.33	175.78	783.85	1471.81	39.49						
M.F	1											
Units KVAH	2294.42	16.11	162.64	724.17	1355.47	36.03						

Renewable Energy Generation (RPD)													
KVAH/Month	Apr-22	May-22	Jun-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	Jan-23	Feb-23	Mar-23	Total
Total	194	2294											2488
TOD A	1	16											17
TOD B	129	1518											1647
TOD C	60	724											784
TOD D	3	36											39

Energy Consumed (G) = (Import + Generation - Export)													
KVAH/Month	Apr-22	May-22	Jun-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	Jan-23	Feb-23	Mar-23	Total
Total	65174	35834											101008
TOD A	5971	6226											12197
TOD B	37329	17088											54417
TOD C	17220	8854											26074
TOD D	4653	3666											8319

Yours faithfully,
For the Tata Power Company Limited

Nilesh Kane

Nilesh Kane
Chief - Distribution (Mumbai Operations)

Description

Total Energy Consumed: 35834 units

Energy generated through alternate source: 2294 units

Billed amount : 33540 units

Electric Bill of May 2022 showing adjustment in billed amount due to solar panel installation



[Signature]
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Tel.: 022 - 6132 7352
Email : college@smshettyinstitute.org



BUNTS SANGHA'S

S.M.SHETTY COLLEGE OF SCIENCE, COMMERCE & MANAGEMENT STUDIES

ALTERNATE ENERGY SOURCES & ENERGY CONSERVATION INITIATIVES

INSTITUTIONAL REPORT

Over the years, the institution has been involved in making it energy efficient. In Spite of having limited space and vertical structure, the institution has deployed all possible ways to become energy efficient.

Infrastructural Initiatives:

The institution has installed Solar Panels for generating electricity. It has been operational since May 2022. In the first month itself (May, 2022) the amount of energy generated through alternate source was 2294 units which was deducted from the total amount of 35834 units for billing.

All the classrooms, laboratories and washrooms use LED lights which reduces the consumption of electricity overall.

As recommended in the Energy audit report, the Air conditioners (ACs) which were more than ten years old were replaced by 36 new better energy efficient ceiling mounted Inverter based (cassette and split) ACs of 1, 1.5 and 2 TR. These ACs are of 3 to 5 star ratings based on usage. The security persons are instructed to maintain the temperature of these ACs at 24 degree centigrade for better energy efficiency. The old window ACs have been removed.

In April 2022, the management has also approved installation of sensor-based electric bulbs in students and staff washrooms.

Other Initiatives:

The Nature Club of the institution, Tivona has been educating students through posters near all switch boards to avoid waste of electricity and students have been following instructions accordingly.

If occupancy of the room is less in number, the staff and students are instructed to avoid ACs and switch off extra lights or use natural lights and fans instead.



BUNTS SANGHA'S

S.M.SHETTY COLLEGE OF SCIENCE, COMMERCE & MANAGEMENT STUDIES

The institution has well-framed Energy Conservation Policy which has been uploaded on the website for communication.




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