



SRI SHANMUGHA COLLEGE OF ENGINEERING AND TECHNOLOGY

[Approved by AICTE, Affiliated to Anna University and Accredited by NAAC & NBA (CSE,ECE & MECH)]

Pullipalayam, Morur (Post), Sankari (Tk), Salem (Dt) – 637 304

Website: www.shanmugha.edu.in Contact Number: 04283-262901


7.1.2 Alternate Source of Energy and Energy Conservation



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The Institution has facilities for Alternate Source of Energy and Energy conservation measures.

S.No	Alternate Source of Energy	Availability
1.	Solar Energy	3
2.	Biogas Plant	6
3.	Wheeling to the Grid	9
4.	Sensor Based Energy Conservation	13
5.	Use of LED bulbs	16


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SOLAR ENERGY



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S.No	Description	Characteristics
1.	Model of Solar Module	MS20240M
2.	Power for Each Module	240Wp
3.	Number of Solar Modules	400 Nos
4.	A C distribution Board	1 No
5.	Inverter Capacity	25kW each
6.	Total Power Generation	99.84 kW

SOLAR ENERGY



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SOLAR PANEL PURCHASE BILL

INVOICE		Invoice No. 52/2017 / 2018 Dt: 12.05.2017			
VRV Energies India Private Limited, 135/B-1, Chinnathottam, Udayampalayam Road, Chinnavedampatty, Coimbatore – 641049, Tamilnadu, India.		SRI SHANMUGHA COLLEGE OF ENGINEERING AND TECHNOLOGY, TIRUCHENGODE, MORUR – 637 304.			
Part of Discharge: Road Coimbatore Coimbatore Coimbatore		BANK DETAILS CANARA BANK PEELAMEDU BRANCH COIMBATORE - 641004 ACCOUNT NUMBER: 2732201005812 IFSC CODE: CNRB0002732			
Mark & Nos / Container No.	No. & Kind of Pkg.	Description	Quantity (in nos)	Rate / Each (in Rs.)	Amount (in Rs.)
RENEWABLE ENERGY DEVICES - SOLAR POWER GENERATION SYSTEMS					
1		99.84 KW ON-GRID SOLAR PHOTOVOLTAIC POWER GENERATION SYSTEM	1SET	7562780.00	7562780.00
					7562780.00
Add: VAT 5%					378139.00
Total					7940919.00
TIN No: 33452208728 CST No: 1164901 Dt: 02.09.2013 ST No: AAECV6363/SD901 Pan No: AAFCV6363U IE CODE: 3213015245		Buyer's Tin No: Buyer's CST No: Amount Charged: Business or Words:		Seventy Nine Lakhs Fifty Thousand Nine Hundred And Nineteen Only.	
Terms & Conditions: 1. Goods are sold on credit basis. 2. Subject to Credit approval only. Declaration: We declare that the Invoice shows the actual value of the goods supplied and that all particulars are true and correct.		For VRV ENERGIES INDIA PRIVATE LIMITED K. Vishnu Director			

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BIOGAS PLANT



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Biogas plant: Food Waste and Cow dung waste is converted into biogas and used as cooking fuel in the hostel mess. The capacity of the biogas scrubber plant is **900 liters**.


BIOGAS PLANT


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BIOGAS PLANT PURCHASE BILL



SRI KRISHNA ENGINEERING EQUIPMENTS

36/5A, ROYAL HOUSE,
GANDHIJI STREET-3,
CARMEL SCHOOL EAST
KARUR BYE PASS ROAD
Erode, Tamil Nadu (TN - 33), PIN
Code 638002, India
9600856168, 6380520291,
9840114036
srikrishnaengequipments@gmail.com
www.srikrishnaengequipments.com
GSTIN: 33BEGPR6556B1ZJ

Bill to:

Sri Shanmugha College Of
Engineering and Technology
Tiruchengode – Sankari Main
Road
Pullipalayam, Morur(Po)
Sankari (Tk),
Sankari, Tamil Nadu (TN - 33),
PIN Code 637 304, India
Place of Supply: TN (33)

Ship to:

Sri Shanmugha College Of
Engineering and Technology
Tiruchengode – Sankari Main Road
Pullipalayam, Morur(Po)
Sankari (Tk),
Sankari, Tamil Nadu (TN - 33), PIN
Code 637 304, India
THE PRINCIPAL

*Official Accounts
Pl. consider
payment
19/10/20*

Original for Recipient
INVOICE 336
Date October 19, 2020

NO	PRODUCT / SERVICE NAME	HSN/SAC	QTY	UNIT PRICE	CGST	SGST	AMOUNT	
1	BIOGAS SCRUBBER 1CUBIC CC		1.00	38,200.00	3,438.00	3,438.00	45,076.00	
TOTAL				1.00	38200.00	3438.00	3438.00	45076.00

Total: ₹ Forty Five Thousand Seventy Six Only

AUTHORIZED SIGNATORY

R. P. S.

note:
1. INSTALLATION: FREE
2. WARRANTY: ONE YEAR EXCEPT GLASS ITEMS
Thanking you and looking forwarding to receive your valued order at the earliest.
We feel our offer is line with your requirement and expecting your valued order at the earliest.
If you need any further clarification please feel free to the contact us.


BANK DETAILS:
NAME OF THE A/C: SRI KRISHNA ENGINEERING EQUIPMENTS
A/C NO.: 409000928947
NAME OF THE BANK : RBL
IFSC CODE: RATN0000200
BRANCH: SATHYAMANGALAM, ERODE


TOTAL BEFORE TAX 38,200.00
TOTAL TAX AMOUNT 6,876.00
ROUNDED OFF 0.00
TOTAL AMOUNT ₹ 45,076
AMOUNT RECEIVED (-) 25,000.00
AMOUNT DUE ₹ 20,076

Checked with claim 22/10/20

*Paid
22/10/2020*

apnand




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WHEELING TO GRID



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Wheeling to grid

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WHEELING TO GRID APPROVAL ORDER

TANGEDCO

Net feed-in connection Application Acknowledgement

Received an application for a solar Energy net feed-in connection from,


Name : M/s.Sri Shanmuga Educational
Chaitable Trust,
Sankari-T.Gode main road,
Pullipalayam, Morur-P.O, Sankari.
Date : 03.03.2020
Service connection number : 170-006-513
Tariff : LM2B2 (IIB2) 3 Ph /CL : 111.0 KW
Solar Plant capacity : 75000 Watts (75.0 KW)

Your application for setting up of solar grid interactive roof-Top and small SPV power plant under on net metering in accordance with TNERC Order No.03/2019 dt. 25.03.2019 has been received along with registration fee.

The details of payment are as below:

Application Registration no : S NF 020/2019-20
On Line no : 10004170032064
Date : 03.03.2020
Registration fees : Rs. 100/-
CGST : Rs.9/-
SGST : Rs.9/-
Receipt Number & Date : ERM1701A1S100 dt.03.03.2020


EXECUTIVE ENGINEER
O&M/TANGEDCO/SANKARI


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TAMILNADU GENERATION AND DISTRIBUTION CORPORATION LTD
Format for Feasibility Intimation Letter to consumer

From

Executive Engineer,
Operation and Maintenance,
TANGEDCO/Sankari.

To

M/s.Sri Shanmuga Educational
Chaitable Trust,
Sankari-T.Gode main road,
Pullipalayam, Morur-P.O, Sankari.

Li No.EE/O&M/Sankari/TANGEDCO/F. Roof Top Solar Net Feed-in/D.No. 020-1 /19-20,
dt.09.03.2020



Sub: ElecY-TANGEDCO-Sankari/O&M/Division- Installing of 75.0 KW
(75000 Watts) Roof top Solar SPV generator net feed-in
connection to M/s.Sri Shanmuga Educational Chaitable Trust,
Sankari-T.Gode main road, Pullipalayam, Morur-P.O,
Sankari situated at SC No.170-006-513/TF -LM2B2 /3 Phase/
Pullipalayam Distribution- Approval- Reg.

Ref: Your application No.SNF 020/2019-20 (On Line
no.10004170032064) dt. 03.03.2020

With reference to your application for installing of solar SPV generator
for 75000 Watts (75.0 KW) on your roof top for feed-in connection proposed at
Sankari-T.Gode main road, Pullipalayam, Morur-P.O, Sankari, Service Connection
number 170-006-513/TF -LM2B2 /3 Phase is inspected by the undersigned on .
09.03.2020 and found feasible. Hence approved vide No. 020 -1 /2019-20 dt.
09.03.2020

You are further requested to approach this office with relevant
documents (Meter, SPV modules, Grid Tie Inverter, Protective system, Sine wave
inverter with harmonic requirements as per CEA norms) after completion of SPV
generator and obtaining CEIG approval wherever required for further processing.

Your's Sincerely,

EXECUTIVE ENGINEER,
O&M/TANGEDCO/SANKARI.

Copy submitted to the Superintending Engineer/MEDC/Mettur for kind information
please.

Copy to the Assistant Executive Engineer/O&M/East/Sankari

Copy to the Assistant Engineer/O&M/Sankari.R.S

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SENSOR BASED ENERGY CONSERVATION



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Salem, Tamil Nadu, India



Longitude Latitude

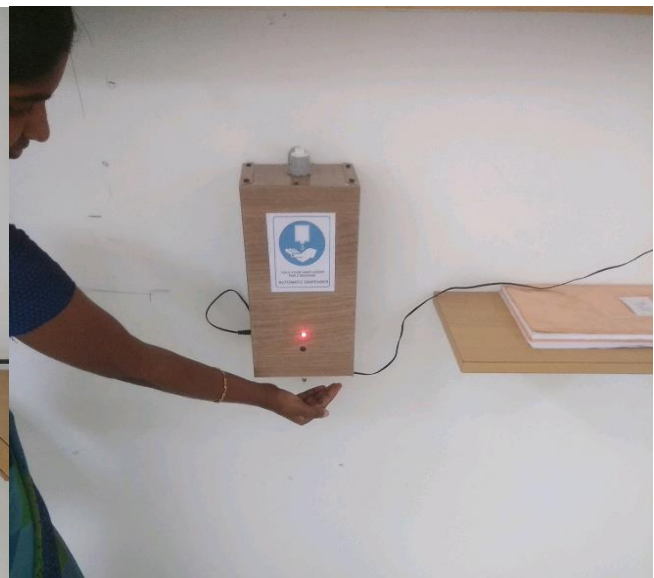
77.8807° E 11.4368° N



29° C

Thursday, 12, Nov, 2020

10:37 AM



Salem, Tamil Nadu, India



Longitude Latitude

77.8807° E 11.4368° N



29° C

Thursday, 12, Nov, 2020

10:37 AM

Our institution was installed the automatic Hand Sanitizer dispenser for the purpose of saving the Energy. It able to provide hand hygiene in situations where hand washing is impractical or unavailable. Using hand sanitizer kills 99.9% of germs on your hands while maintaining moisture on your skin.

Automatic Hand Dispenser

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AUTOMATIC HAND SANITIZER DISPENSER PURCHASE BILLS

WINGS OF SCIENCE

REG.NO : TN20D0061061

WOS ACADEMY, CHENNAI BYPASS, ERUMAPALAYAM, SALEM-15.



IMAGINE !

INVENT !

INSPIRE !

To:

Sri Shanmuga College Of Engineering and Technology,
Sankari(taluk),
salem(Dt).
637304.

Sir,

we are proudly introducing our new product "touch less automatic sanitizer dispenser" for the public purpose against #COVID19 and thank you for buying our product,

The product details are following,

Touch Free Hand Sanitizer dispenser (model M.F2.5) (Qty-1)	- 2500/-
[volume - 2.5lit / 10 watts]	

Total	-2500/-
-------	---------

(Two thousand five hundred rupees only)

Account details:

Name : Aravinth
Bank Name : canara bank
Account number : 1667101028125
IFSC : CNRB0001667



WINGS OF SCIENCE
ACADEMY
Reg.No. TN20D0061061

SIGNATURE

CONTACT: 9787477802 / 7010777302

: WINGS OF SCIENCE ACADEMY



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USE OF LED BULBS

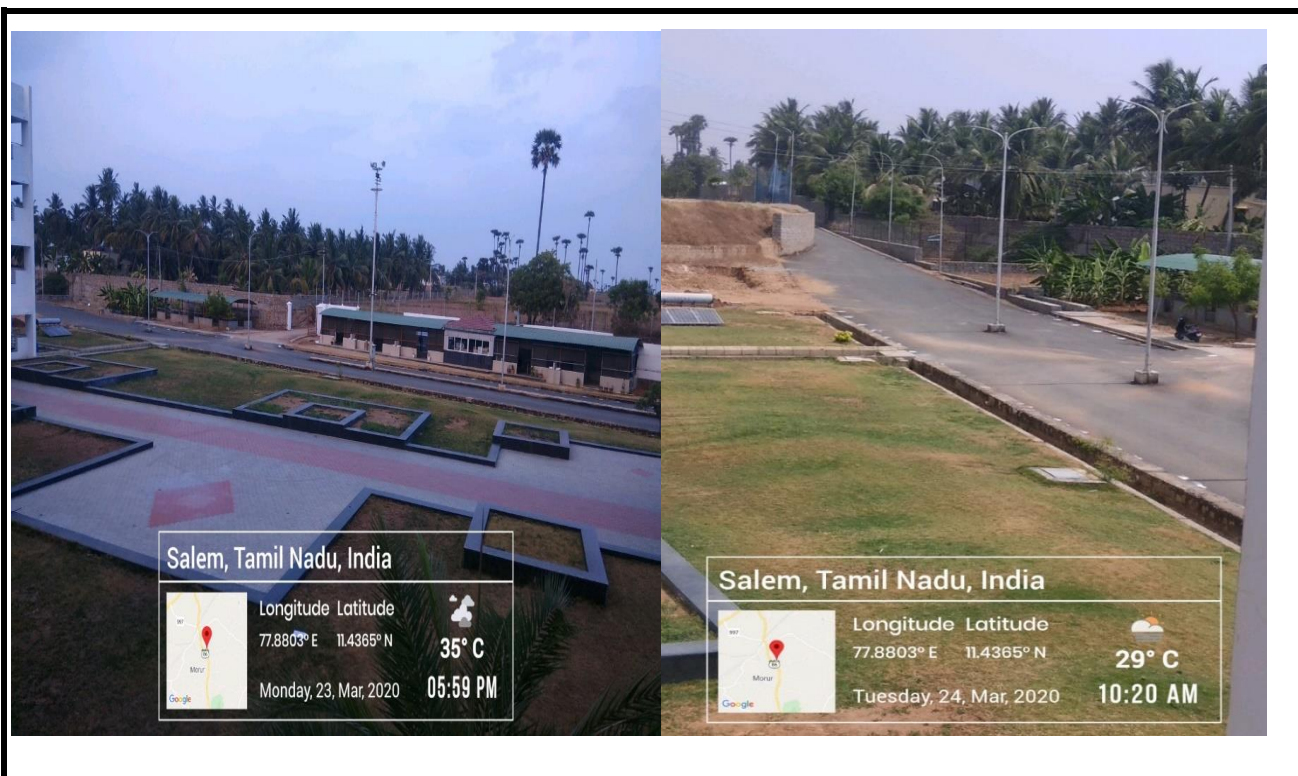


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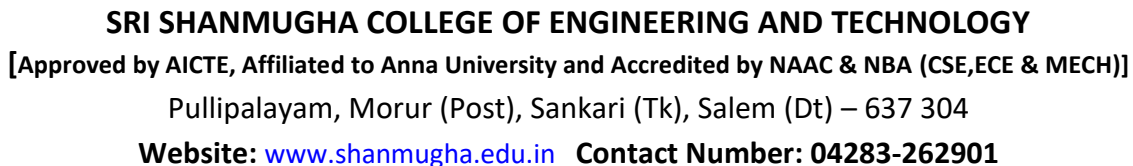
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LED BULBS IN STREET LIGHTS

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