



S. P. Sampathy's Siva Sivani Group °  
S. P. Sampathy's Siva Sivani Educational Society (2906/97)  
**SIVA SIVANI DEGREE COLLEGE**  
(Affiliated to Osmania University)

## 7.1.2 Environmental Consciousness and Sustainability and Divyangjan friendly initiatives



NH - 44, Kompally, Secunderabad - 500 100, Telangana, INDIA  
Mobile: - +91-9247048112. Website: [ssdc.ac.in](http://ssdc.ac.in)

*Mamatha*

PRINCIPAL,

Siva Sivani Degree College  
Kompally, Madchal-Malkajgiri(Dt)-500 100



S. P. Sampathy's Siva Sivani Group ®  
S. P. Sampathy's Siva Sivani Educational Society (2906/97)  
**SIVA SIVANI DEGREE COLLEGE**  
(Affiliated to Osmania University)

**ALTERNATE SOURCES OF ENERGY AND**  
**ENERGY CONSERVATION MEASURES**



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Mobile: - +91-9247048112. Website: [ssdc.ac.in](http://ssdc.ac.in)

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Kompally, Medchal-Malkajgiri (Dt)-500100



**7.1.2 ALTERNATE SOURCES OF ENERGY AND ENERGY CONSERVATION MEASURES**

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SL. NO	TOPIC
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3.	Steam Cooking Facilities
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Siva Sivani Degree College  
Kompally, Medchal-Malkajgiri(DT)-500100



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S. P. Sampathy's Siva Sivani Educational Society (2906/97)  
**SIVA SIVANI DEGREE COLLEGE**  
(Affiliated to Osmania University)

## 1. INSTALLATION OF SOLAR PLANTS- SAVINGS IN ELECTRICITY BILLS

Siva Sivani degree college uses solar technologies to diversify their energy sources, improve efficiency, and to meet most of the power demand by the institute. Let's integrate sustainable technology into our college environment by adding solar panels to the campus. The college has embraced eco-friendly practices, and solar panels have been strategically placed to harness renewable energy. The college rooftops are adorned with sleek solar panels, soaking up the abundant sunlight. To promote green energy and zero carbon emission, solar panels are installed in the campus at various locations. 230KW and 96KW solar power panels are installed above the Degree college building. The panels are neatly arranged in arrays, forming a modern and environmentally conscious addition to the campus architecture. Siva Sivani degree college has taken an initiative towards the adoption of energy conservation measures and established various alternate sources of energy within the college to reduce and manage energy costs and making the environment eco-friendly. College uses solar technologies to diversify their energy sources, improve efficiency, and to meet most of the power demand by the institute.



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**SIVA SIVANI DEGREE COLLEGE**  
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Hyderabad, Telangana, India  
GFMM+JQJ, Ruby Block, Kompally, Hyderabad, Telangana 500100, India  
Lat 17.533658°  
Long 78.48475°  
09/12/23 11:42 AM GMT +05:30



Hyderabad, Telangana, India  
Ruby Block, NCL Colony, Ruby Block, Kompally, Hyderabad, Telangana 500100, India  
Lat 17.533479°  
Long 78.48487°  
09/12/23 11:30 AM GMT +05:30



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**PRINCIPAL**  
Siva Sivani Degree College  
Kompally, Bedchal-Malkajgiri (M.S. Road)





**SOUTHERN POWER DISTRIBUTION COMPANY OF T.S. LIMITED**  
Medchal Division, Vennalagadda, Secunderabad-67  
(Energy Saved is Energy Produced)

From  
Divisional Engineer Elect.,  
Operation Medchal, Vennalagadda,  
Jeedimetla (V), Secunderabad. - 67.

To  
M/s. S.P Sampathy's (Shiva Sivani,  
Educational Society (MCL3482)  
At Plot.No.38 & 39/P, Kompally (V)  
Qutubullapur (M), Medchal Dist.,

Lr. No.DEE/OP/MDCL/Techl. /F. Solar Power/D. No. 5620 /22-23, date 10/03/2023.

Sir,

**Sub:** - Elec. - Operation division, Medchal - Installation of 96KW Capacity Rooftop Solar PV System for M/s. S.P Sampathy's (Shiva Sivani Educational Society (MCL3482) with a CMD of 120 KVA, at Plot.No.38 & 39/P, Kompally (V), Qutubullapur (M), Medchal Dist., in Kompally Section of Qutubullapur Sub - division in Operation division, Medchal of Medchal Circle - Agreement concluded - Reg.

**Ref:** - 1. Memo No.DEE/OP/MDCL/Techl. /F/SRT.No.81/22-23, Date. 17.01.2023.  
2. Your application No. NT9992324073, dated 12.01.2023.

\*\*\*\*\*

The HT Agreement Executed by you for Installation of 96KW Capacity Rooftop Solar PV System for M/s. S.P Sampathy's (Shiva Sivani Educational Society (MCL3482) with a CMD of 120 KVA, at Plot.No.38 & 39/P, Kompally (V), Qutubullapur (M), Medchal Dist., in Kompally Section of Qutubullapur Sub - division in Operation division, Medchal of Medchal Circle on this day of 10 March 2023 has been concluded in his office and forwarded for your record.

**Encl:** Agreement Copy.

  
Divisional Engineer Elect.,  
Operation Medchal, TSSPDCL.

Copy to: -

the Senior Accounts Officer / Medchal Circle. →

Enclosed original agreement for necessary action.

the Superintending Engineer/Operation/Medchal Circle. → For information please.

the Asst. Divisional Engineer/Operation/Qutubullapur.



  
Siva Sivani Degree College  
Kompally, Medchal - Malkajgiri (Dt) - 500100

Phone No  
Bolt Tolerance to  
Ballast  
For Emission Proof  
Self



₹ 0000200

38 162 73 157 269 168 170  
38 162 73 157 269 168 170

(on non-judicial stamp paper worth Rs.200/-)

Net Metering Connection Agreement

This Agreement executed and entered on this 28th (day) of February (month) 2023 (year), between M/s Mr. V / Mrs. C. P. Sampathy Sivasri / Education / Salleesh Sam which means their/ his/its /theirs, successors as FIRST PARTY herein after called as "Eligible Consumer" and the Southern Power Distribution Company of Telangana Limited, a DISCOM incorporated under the provisions of Companies Act 1956 (which means its authorized representatives assigns, executors and its successors) as SECOND PARTY, herein after called the "DISCOM".

President  
Vice President

Whereas, the Eligible Consumer has applied to the DISCOM for approval of a Net Metering arrangement at Sy.No./D.No 35229P Street Kompally (V. G. Subbarao Nagar) having electrical Service Connection No. MCL3482 under TSERC (Net Metering Rooftop Solar PV Grid Interactive System) Regulation No. 06 of 2016, dated 16.11.2016, which is effective from the date of its notification in the official gazette i.e., 23.11.2016.

And whereas, DISCOM agrees to provide grid connectivity to the Eligible Consumer for injection of electricity generated from the Rooftop Solar PV System of capacity 9.6 kilowatts into the grid of DISCOM at 230 (Voltage level), as per conditions of this agreement.

Any modification/ amendment in the Regulation made shall be applicable and corresponding amendment(s) shall be effective to this agreement from time to time.

Both the parties hereby agree to as follows:

**1. Governing Provisions**

We hereby undertake to comply with all the requirements of the Electricity Act, 2003, the Rules and Regulations framed there under, provisions of the tariffs, applicable Charges and the General Terms and Conditions of Supply approved by the Telangana State Electricity Regulatory Commission herein after called as "Commission" from time to time and agree not to dispute the same.

President/Vice President

**2. Net metering facility**

- i) Eligible Consumer will generate solar power for self consumption and feed excess power into the grid of DISCOM.
- ii) In the premises of Eligible Consumer, a meter will be installed by DISCOM having the feature of recording both the import and export values, besides complying with other parameters notified in CEA metering regulations and TRANSCO/DISCOM procedures for arriving net energy for the billing period.



Divisional Engineer (Elect)  
Operation, Medchal TSSPDCL  
Vennelagadda, Jeedimetta (V), Sec'bad-55

Mamatha  
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Kompally, Medchal-Malkajgiri

### 3. Safety

- 3.1 The Eligible Consumer shall be responsible for safe operation, maintenance and rectification of defects in system upto the interconnection point beyond which the responsibility of safe operation, maintenance and rectification of any defect in the system including the net meter shall rest with the DISCOM.
- 3.2 The Eligible Consumer shall be solely responsible for any accident to human being or animals (fatal / non-fatal / departmental / non-departmental) that may occur due to back feeding from the Rooftop Solar PV System when the grid supply is off. The DISCOM reserves the right to disconnect the consumer's installation at any time to prevent any accident or damage to men and material. The DISCOM shall not be responsible to pay any ex-gratia on account of fatal accidents or non-fatal accidents occurring on account of the Rooftop Solar PV System in the premises of the eligible consumer.
- 3.3 The Eligible Developer shall strictly adhere to the standards specified by CEA/MNRE and installations of electrical equipment must comply with Indian Electricity rules, 1956 and also to follow power quality measures as per International or Indian standards and/or other such measures provided in Clause 8 of TSERC (Net Metering Rooftop Solar PV Grid Interactive System) Regulation No. 06 of 2016 and any modification/ amendment to the regulation from time to time.

### 4. Access and Disconnection

- 4.1 The DISCOM's personnel may enter the Eligible Consumer's premises to inspect the Eligible Consumer's protective devices and read or test the meter at any time.
- 4.2 The DISCOM shall have the right to disconnect the Rooftop Solar PV System of an eligible consumer from its system at any time on the following situations / conditions:
- Emergencies or maintenance requirement of DISCOM's electric system;
  - Hazardous conditions existing on the DISCOM's system due to operation of the Rooftop Solar PV System or the protective equipment, as determined by the DISCOM /TRANSCO / State Load Dispatch Centre (SLDC);
  - Adverse electrical effects, such as power quality problems, on the electrical equipment of other consumers of the DISCOM caused by the Rooftop Solar PV System as determined by the DISCOM.

### 5. Clearances and Approvals

- 5.1 The Solar power produced shall be injected in to the grid of DISCOM only after obtaining prior approval from competent authority of DISCOM and meeting all the requirements of departmental standards, viz., protection switchgear, metering, feasibility approval etc.



*[Signature]*  
Divisional Engineer (Elect)  
Operation, Medchal TSSPDCL  
'ennelagada, Jaadimetla (V), Sec'bar'

*[Signature]*  
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Kompally, Medchal-Malkajgiri(Dt)-500100



5.2 The Eligible Consumer shall not commence parallel operation of the net metering facility until the Eligible Consumer has received approval to operate from the competent authority of DISCOM.

5.3 The Eligible Consumer shall insure and get the statutory approvals for more than 75KW from appropriate safety authority (MINS) of the connected electrical equipment and solar panels before plant commissioning. Solar PV System having capacity up to 75 KW shall be inspected, tested and self certified by the eligible consumer with regard to the safety and protection.

The Eligible Consumer shall install any additional equipment or additional Solar panels after obtaining prior permission in writing from the DISCOM, failing which, the DISCOM may cancel the Net Metering Agreement after giving an opportunity in writing.

**Date of enforceability of the Agreement**

This agreement will be in a force for a period of 25 years from the date of connection of the Rooftop Solar PV system with the Grid, after meeting all the requirements by the Eligible Consumer under the conditions of this Agreement and in accordance with the Regulation No.6 of 2016 and its future amendments, if any.

**7. Settlement of energy charges**

The accounting of electricity exported and imported by the Eligible Consumer shall become effective from the date of connectivity of the Rooftop Solar PV System with the distribution grid of the DISCOM.

7.1 if the quantum of electricity exported exceeds the quantum imported during the Billing Period, the excess quantum shall be carried forward to the next Billing Period as credited Units of electricity and the eligible consumer shall get a monthly minimum bill; if the quantum of electricity Units imported by the Eligible Consumer during any Billing Period exceeds the quantum exported, the DISCOM shall raise its invoice for the net electricity consumption after adjusting the credited Units of electricity as per applicable retail supply tariff decided by regulatory commission to the concerned DISCOM.

7.2 The unadjusted net credited Units of electricity shall be settled by the DISCOM twice in a year viz., in June and December. The net export units credited for the six month period shall be settled at its average cost of power purchase as approved by the Commission for that year or as mentioned in clause no.10.3 of TSERC (Net Metering Rooftop Solar PV Grid Interactive System) Regulation No. 06 of 2016 and any modification/ amendment to the regulation from time to time. The sum so arrived shall be either adjusted in the next month electricity bill or deposited in the bank account of the eligible consumer furnished to the DISCOM at the time of filing of the application. Provided that at the beginning of each of the Settlement Period, the cumulative quantum of injected electricity carried forward shall be re-set to zero.

7.3 The payment for excess units injected into grid will be made effective from the date of connectivity with the grid till the validity of this agreement.

A. S. J. (Signature)  
President/Vice President

A. S. J. (Signature)  
President/Vice President



*(Signature)*  
Divisional Engineer (E&T)  
Operation, Medchal TSSPOCL  
Vasundhara, Jassimra (R), Sarifal-71

*(Signature)*  
PRINCIPAL  
Siva Sivani Degree College  
Kompally, Medchal-Malkajgiri (DU)-500 107

7.4 In case the applicable tariff provides for billing on kVAh basis, the net drawl or injection of energy shall also be measured in kVAh.

7.5 When an eligible consumer cancels the Net metering Agreement entered into with the DISCOM after giving a month's notice, then, unused electricity credits shall be paid at a rate of Rs 0.50/kWh by the DISCOM or at a rate as notified by the Commission from time to time and ceases to be an eligible consumer thereafter.

#### Metering Arrangement

The installation of meters including CTs & PTs, wherever applicable, shall be carried out as per the departmental procedures in vogue with prior permission of DISCOMs. The Eligible Consumer shall bear the entire cost of CTs & PTs including its accessories. The DISCOM will provide the Net Meter at the Eligible Consumer premises as per Clause 9.2 of TSERC (Net Metering Rooftop Solar PV Grid Interactive System) Regulation No. 06 of 2016 and any modification/ amendment to the regulation from time to time

#### Standards for Solar panels

9.1 The Solar PV panels proposed to be installed shall meet the requirements of Indian as well as IEC standards and also to follow power quality measures as per International or Indian standards and/or other such measures provided in Clause 8 of TSERC (Net Metering Rooftop Solar PV Grid Interactive System) Regulation No. 06 of 2016 and any modification/ amendment to the regulation from time to time. Further, the documentary evidence proving the prescribed standards has to be furnished by Eligible Consumer to the competent authority of DISCOM before commencing the plant into operation.

9.2 The DISCOM on inspection at the time of according of permission to install the net metering arrangement or at any time thereafter, finds that, the eligible consumer has installed equipment not confirming to the standards published by the International Electro-technical Commission (IEC) or Bureau of Indian Standards (BIS) as a part of the net metering arrangement in the consumer's premises, the vendor of the equipment shall be blacklisted

9.3 Further, the DISCOM reserves the right to withdraw the permission to the net metering arrangement and cancel the net metering agreement with the eligible consumer after giving an opportunity in writing.

#### 10. Interruption or Reduction of delivery

The DISCOM shall not be obligated to accept and may require Eligible Consumer to interrupt or reduce deliveries when necessary in order to construct, install, repair, replace, remove, investigate, or inspect any of its equipment or part of its system; or if it reasonably determines that curtailment, interruption, or reduction is necessary because of emergencies, forced outages or compliance with prudent electrical practices. Whenever possible, the DISCOM shall give the Eligible



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Operation, Medchal TSSPDCL  
Vennelegadda, Jeedimetta (V), Sec'bad-35.

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Kompally, Medchal-Malkajgiri (Dt)-501100.

President/Vice President  
President/Vice President

Consumer reasonable notice of the possibility that interruption or reduction of deliveries may be required.

**11. Obligation of Consumer to pay all charges levied by DISCOM**

11.1 The Eligible Consumer shall abide by the rules and shall pay the Maximum Demand Charges, energy charges, surcharges and other charges, if any, to the DISCOM in accordance with the notified Tariff besides the applicability of the General Terms and Conditions of Supply prescribed by the TSERC from time to time.

11.2 The Eligible Consumer shall pay the minimum charges every month as prescribed in retail supply Tariff and as per General Terms and Conditions of supply, even if no electricity is consumed for any reason whatsoever and also if the charges for electricity actually consumed are less than the minimum charges.

**Theft of electricity or unauthorised use of electricity**

Eligible Consumer, found indulging in theft of electricity or unauthorized use of electricity shall pay the penal/additional charges as may be levied by the DISCOM besides disconnection of supply as per the provisions of IE Act 2003 and General Terms and Conditions of supply.

**13. Termination of the Agreement**

13.1 In case the LT/HT Agreement for Supply of an Eligible Consumer gets terminated then the Net Metering Connection Agreement deems to be terminated.

13.2 The agreement will be terminated only after its completion period until all the safety standards are adhered to. The DISCOM has the right to terminate the agreement on breaching of any of the rules agreed upon with one month notice. If Eligible Consumer intends to pre close or terminate the agreement, Eligible Consumer may do so with 1 (one) month prior notice.

**14. Dispute Resolution**

The Eligible Consumer shall have recourse, in case of any dispute with the DISCOM regarding the billing, to the mechanism specified in sub-Sections (5) to (7) of Section 42 of the Act for the redressal of grievances.

Siva Sivani Educational Society

President/Vice President

For S.P. Sampath  
Siva Sivani Educational Society  
Signature of Eligible Consumer  
Date: [Signature]  
President/Vice President

Witness  
Signature: G. Ramesh  
Name & Address: ALWAI  
Date: Hyderabad - 500010  
28/02/23

Competent Authority from Discom  
(with stamp)  
Date:

Witness  
Signature: [Signature]  
Name & Address: Old Bowenpally, Secunderabad  
Date: 28/2/23

[Signature]  
Divisional Engineer (Elect.)  
Operation, Medchal TSSPDCL  
Vennelagadda, Joondimetta (V), Sec'bad-55.



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Kompally, Medchal-Malkajgiri (Dt)-500100

GOVERNMENT OF TELANGANA  
ELECTRICAL INSPECTORATE  
(An IS/ISO 9001: 2015 Certified Department)



From:  
The Deputy Chief Electrical Inspector  
To Government, Hyderabad  
5th Floor, R & B Building,  
Masabtank, A.C Guards,  
Hyderabad 500 004.

To:  
M/S S P SAMPATHYS SIVA SIVANI EDUCATIONAL SOCIETY,  
PLOT NO. 38P & 39 SY.NO. 123 TO 125 & 142 KOMPALLY  
Village,  
QUTHBULLAPUR Mandal,  
MEDCHAL District.

Lr.No: Dy.CEIG-HYD/TS/EI Ex. 650V/5367/D.No: 459/2023 Dated: 23-02-2023.

Sir

Sub: The Electricity Act, 2003 and Central Electricity Authority (Measures relating to Safety and Electric Supply Regulations 2010 – Installation of Voltage Exceeding 650V of M/s S P SAMPATHYS SIVA SIVANI EDUCATIONAL SOCIETY, SY.NO. 123 TO 125 & 142, KOMPALLY Village, QUTHBULLAPUR Mandal, MEDCHAL District – Statutory Approval under Section 54 of the Electricity Act-2003 and Regulation 43(4) of Central Electricity Authority (Measures relating to Safety and Electric Supply) Regulations 2010 – Accorded.

Ref: 1. Inspection dated: 22-02-2023  
2. Your letter Received on dated: 23-02-2023.

\*\*\*

Under Section 54 of the Electricity Act-2003 and Regulation 43(4) of Central Electricity Authority (Measures relating to Safety and Electric Supply) Regulations, 2010, the following equipment of your Electrical Installation of voltage Exceeding 650V are approved for energisation.

AS PER ANNEXURE ENCLOSED

Under Regulation 43(4) of Central Electricity Authority (Measures relating to Safety and Electric Supply) Regulations, 2010, any additions or alteration in your above Electrical Installation shall not be connected to supply until the same are approved in writing by this office and offer for annual inspection under Regulation 30 of Central Electricity Authority (Measures relating to Safety and Electric Supply) Regulations, 2010 every year to the concerned Deputy Electrical Inspector.

Under Regulation 13(4), 46(7) of Central Electricity Authority (Measures relating to Safety and Electric Supply) Regulations, 2010, you are at all times solely responsible for the maintenance of the above installation on such condition as to be free from danger.

The above approval accorded is without prejudice to the statutory/ mandatory obligations to be fulfilled by you under various other acts and rules as the case may be.

The approval accorded for energizing the electrical equipment is the safety for men and machine from electrical hazards in your installation and ipso facto does not confer any right to be used for any other purpose other than for which the approval is accorded.

The original manufacturer Test certificates of Transformer etc. are accepted and returned.

Yours faithfully

*S. Hini* 23/2/23

DEPUTY CHIEF ELECTRICAL INSPECTOR  
TO GOVERNMENT HYDERABAD

Encl: Test Certificates & List of Load Particulars

- 1) Copy to the Divisional Engineer/Operation/,Medchal. The date of release of supply may be intimated to Deputy Electrical Inspector,RR-I,Sub-Division (Verify the approval in TSCIEG.CGG.GOV.IN website in third party verification column before the energization of the supply.)
- 2) Copy to the Deputy Electrical Inspector, RR-I Sub-Division along with enclosures.



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ANNEXURE TO LR NO. DE/CEIG/TKD/TE/HT/5367/ D.NO. 459/23. DT: 23-02-2023.  
M/s S P SAMPATHYS SIVA SIVANI EDUCATIONAL SOCIETY,

PLOT NO. 38P & 39, SY.NO. 123 TD 125 & 142, KOMPAL VILLAGE, QUTHBULLAPUR MANDAL, MEDCHAL DISTRICT.

Sl. No.	Particulars of Equipment	Existing Load Capacity/Voltage Ratio	Addition/Load Capacity/Voltage Ratio	Deleted Load Capacity/Voltage Ratio	Total Load
1.	TRANSFORMERS	CAP: 250 KVA, 11KV/433V MAKE: CLASSIC TECHNOLOGIES (P) LTD SL NO: 0322127	NIL	NIL	CAP: 250 KVA, 11KV/433V MAKE: CLASSIC TECHNOLOGIES (P) LTD SL NO: 0322127
2.	H.T. BREAKER	CAP: 630 AMPS, 11 KV MAKE: MEGAWIN SL NO: 2018197	NIL	NIL	CAP: 630 AMPS, 11 KV MAKE: MEGAWIN SL NO: 2018197
3.	SOLAR INSTALLATION	NIL	60 KW, 415V. + 20 KW, 415V. (293 No's x 327Wp), 415V.	NIL	60 KW, 415V. + 20 KW, 415V. (293 No's x 327Wp), 415V.
4.	M.V.LOADS	1. MOTORS 2. CAPACITOR	NIL NIL	NIL NIL	8 HP, 415V. 85 KVAR, 415V.
5.	L.V.LOADS	1. LIGHTING LOAD 2. LV LOAD 3. A/C's	NIL NIL NIL	NIL NIL NIL	24 KW, 230V. 30 KW, 230V. 62.4 KW, 230V.

*J. hivi - 23/2/23*  
DEPUTY CHIEF ELECTRICAL INSPECTOR  
TO GOVERNMENT HYDERABAD



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Siva Sivani Degree College  
Kompal, Medchal, Malkajgiri (D)-500100

# S.P. SAMPATHY'S SHIVA SHIVANI EDUCATIONAL SOCIETY

P.NO: 38P & 39, SY.NO: 123 TO 125 & 142, KOMPALLY QUTHBULLAPUR MANDAL, MEDCHAL DISTRICT.

## SOLAR INVERTERS LOAD DETAILS

SI.NO	EQUIPMENT NAME	MAKE	SI.NO	CAPACITY
1	INVERTER - 1	THEA	SE-TH 50.0TL3, SE-TH01 20.0 TL3	60KVA
2	INVERTER - 2	THEA		20KVA
3	SOLAR MODULES LOAD			327Wp X 293NOS = 96KWp

EXISTING LOAD: MV 13HP + LV AC 62.4KW + LV 30KW + LL 24KW + 85KVAR CAPACITOR + 125KVA D.G. SET + 250KVA TRANSFORMER

ADDITIONAL LOAD: INVERTERS 60KW + 20KW + SOLAR MODULES (327Wp X 293 NOS) = 96KWp

TOTAL LOAD: MV 13HP + LV AC 62.4KW + LV 30KW + LL 24KW + 85KVAR CAPACITOR + INVETER 60KW + 20KW +  
SOLAR MODULES (327Wp X 293 NOS) = 96 KWp + 125KVA D.G. SET + 250KVA TRANSFORMER

For S.P. SAMPATHY'S SHIVA SHIVANI EDUCATIONAL SOCIETY

*S.P. Sampath.*

(Authorized Signatory)

*130*  
RELIANCE ELECTRICAL

L.No: <sup>A</sup>7980 1-1478

**APPROVED**

*J. hani - E*  
*23/2/23*  
Dy. Chief Electrical Inspector or to Govt  
HYDERABAD.



*Mameta*  
**PRINCIPAL**  
Siva Sivani Degree College  
Kompally, Medchal-Malkajgiri (Dt)-500100



## 2. LED BULBS USAGE INSIDE THE BUILDING

Siva Sivani Degree College has taken an initiative to lowering operating costs, these technologies can enhance overall light quality by replacing an incandescent light bulb or a CFL light bulb with an LED light due to its 80% less consumption of energy than the incandescent bulb. Majority of the class rooms, laboratories, administrative blocks, computer centers, libraries, seminar halls and staff rooms were provided with LED lighting system which are supposed to be the energy efficient.



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Mobile: - +91-9247048112. Website: ssdc.ac.in

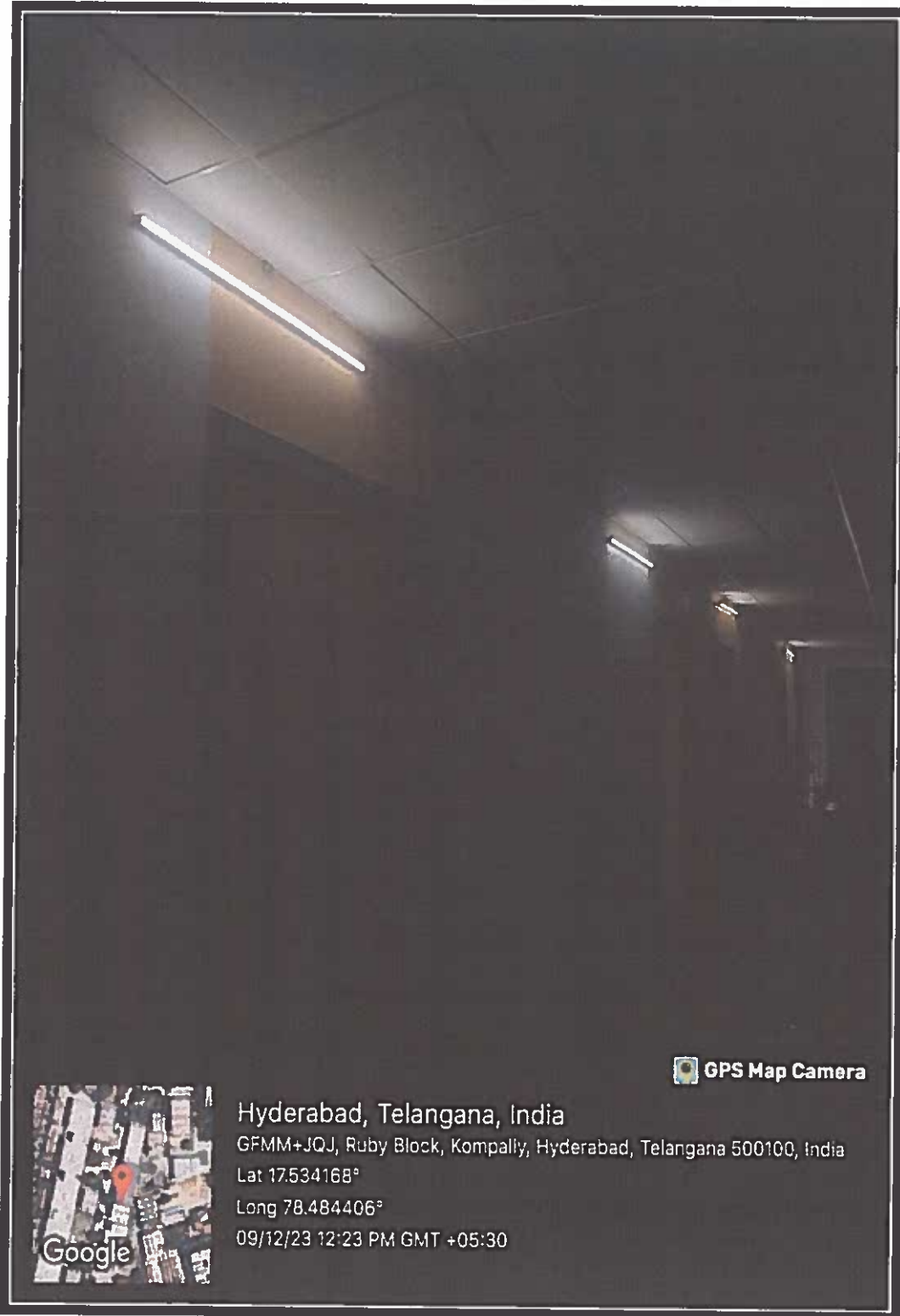
*Mamata*

**PRINCIPAL**

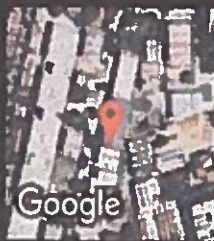
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GPS Map Camera



Hyderabad, Telangana, India  
GFMM+JQJ, Ruby Block, Kompally, Hyderabad, Telangana 500100, India  
Lat 17.534168°  
Long 78.484406°  
09/12/23 12:23 PM GMT +05:30



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Siva Sivani Degree College  
Kompally, Modchal-Malke/giri(Dt)-500100





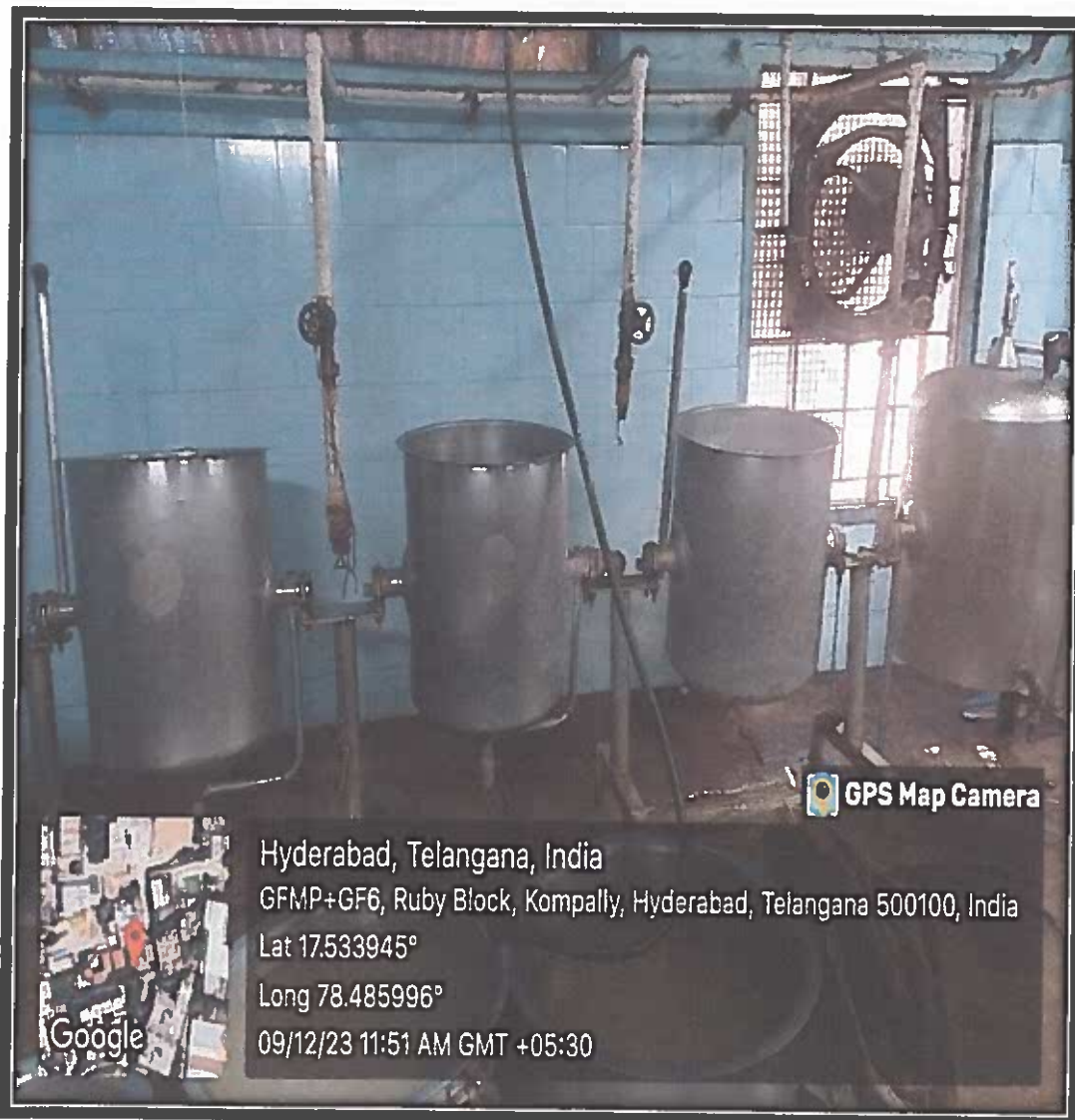
S. P. Sampathy's Siva Sivani Group<sup>®</sup>  
S. P. Sampathy's Siva Sivani Educational Society (2906/97)

## SIVA SIVANI DEGREE COLLEGE

(Affiliated to Osmania University)

### STEAM COOKING FACILITIES

In order to save energy and serve healthy food to the students Steam cooking facilities are provided in the Siva Sivani degree college hostels. This facility enhances the overall dining experience, promote healthier eating habits, and align with sustainability goals & has several benefits, including healthier food options, energy efficiency, and the ability to serve a large number of students.



NH - 44, Kompally, Secunderabad - 500 100, Telangana, INDIA  
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*Mamatha*  
PRINCIPAL  
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S. P. Sampathy's Siva Sivani Group®  
S. P. Sampathy's Siva Sivani Educational Society (2906/97)

## SIVA SIVANI DEGREE COLLEGE

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### ENERGY SAVER CEILING FANS

Ceiling fans is designed to provide you with optimal cooling performance while minimizing energy consumption. These fans not only deliver refreshing airflow but also contribute to reduced energy bills?

It can provide numerous benefits, including enhanced comfort, energy efficiency, and cost savings.

It creates a more comfortable and energy-efficient environment, contributing to the well-being of the college community and aligning with sustainability goals.



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