

Start-up Details

UDYAM REGISTRATION NUMBER - UDYAM-TN-08-0014853

REGISTRATION OF ENTERPRISE – 19/01/2020

DATE OF UDYAM REGISTRATION – 24/02/2021

**SOLARIS INDIA POWER
SOLUTION**

SIVA CHANDRAN S

PROPRETOR



எவ்வ துறைவது உலகம் உலகத்தோடு அவ்வ துறைவ தறிவு.

உலக இயக்கம் எப்படி என்று அறிந்து அதற்கு ஏற்றார்ப் போல்
உலகத்துடன் இணக்குவது அறிவு.

VISION

MISSION

To be a profitable high quality solar & Electric bike manufacturer, deliver value to our customers and create a company that can attract, recruit and retain smart and talented employees

Imagine a world where refueling of fossil fuels are no longer needed. Imagine a world driven by clean Energy.

QUALITY POLICY

To manufacture High Precision and High quality products which replaces the conventional, at less prices and less time

ABOUT START-UP

- * We introduce ourselves as one of the reputed manufacturers, promoters and system integrators Off Grid & Grid Tie Solar Power plants / Products .
- * We also manufacture and promote Electric Vehicles with aesthetic appearance for goods delivery and personal use.
- * We have also associated with Day Star Solar and Pharshnya Power Solution for the for Design, Manufacture, Supply, Installation at site of Solar PV Plant & Equipment for capacities 1 KW to 25 KW of Grid Tie & Off Grid Type.

Partner :- T. Dhinesh / Alumni / Sairam Institution

SWOT – SOAR ANALYSIS



SOLARIS INDIA POWER SOLUTION TEAM

Chief Executive Officer Chief Business Officer



President - HR



President, Engineering Chief Financial Officer



President, Marketing



Chief Purchase Head



Chief Operations Officer

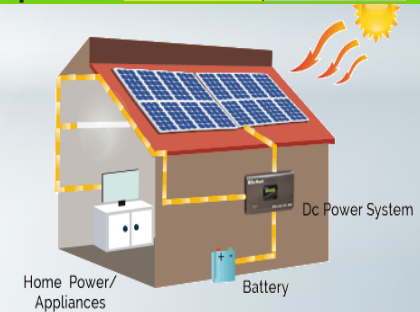
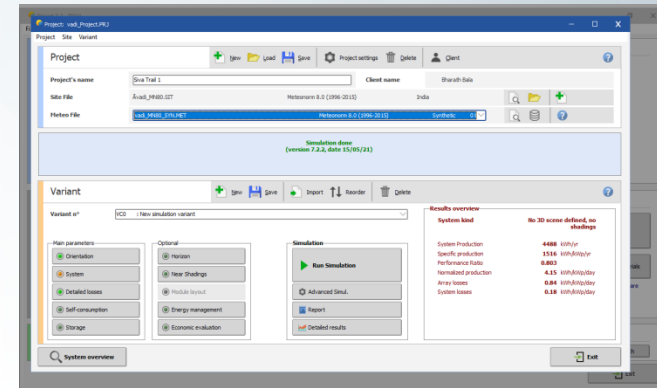


Chief Customer Officer



OUR PRODUCTS

- * Solar On-Grid System
- * Solar Off-Grid System
- * Solar Pumping System (Agriculture / Domestic)
- * Design of Solar Plant/ [Shading Analysis](#) (Software Solutions)
- * Retrofitted Bicycle
- * Retrofitted TVS- XL
- * Retrofitted Bike (With Gear)



OUR PROJECTS

- * 1 KW On-Grid system Installed at Somangalam Police station.
- * Retrofitted a bicycle into Electric Bicycle.
- * Retrofitted petrol TVS XL bike into Electric Bike.
- * Retrofitted petrol bike into Electric Bike with gear system.
- * We are in the Final stage of our own Electric Scooter



Retrofitted Bike



E - Cycle

11/3/2020 ::Duplicate CBR Print of Date::

PATENT OFFICE
INTELLECTUAL PROPERTY BUILDING
G.S.T. Road, Gidingy, Chennai-600032
Tel No. 091 (044) 250200, 4474611x, 044 2502066
E-mail : Chennai.patent@ipr.in
Web Site : www.ipr.in

CHALLAN - TR-5
DOCKET NO:98703

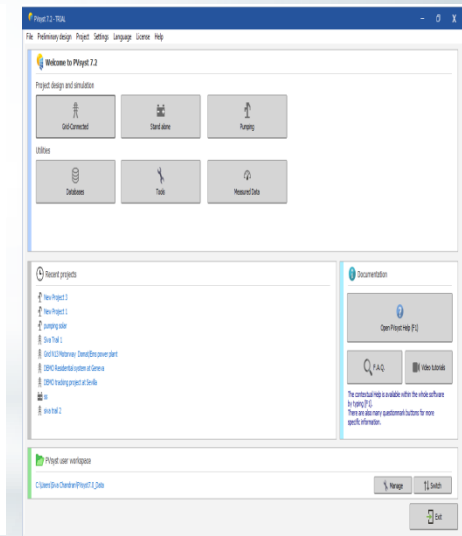
To,
S. SIVA CHANDRAN
DEPARTMENT OF MECHANICAL ENGINEERING, SRI SAI RAM ENGINEERING COLLEGE, SAI LEED NAGAR,
WEST TAMBARAM, CHENNAI - 600044. siva.chandran89@gmail.com

| Sr. No. | CBR No. | Reference Number / Application Type | Application Number | Title/Remarks | Amount Paid |
|---------|---------|-------------------------------------|--------------------|----------------------|-------------|
| 1 | 3K252 | ORDINARY APPLICATION | 202041049411 | GEARED ELECTRIC BIKE | 1750 |
| 2 | | E-373372028-CHE | 202041049411 | Form2 | 0 |
| 3 | | E-3048082028-CHE | 202041049411 | Form3 | 0 |
| 4 | | E-5071022028-CHE | 202041049411 | Form5 | 0 |
| 5 | 3K252 | E-12131242028-CHE | 202041049411 | Form1 | 2750 |
| 6 | 3K252 | R20204035624 | 202041049411 | Form8 | 4400 |
| Total : | | | | | 8900 |

Received a sum of Rs. 8900 (Rupees Eight Thousand Nine Hundred only) through
Payment Mode: Bank Name: Cheque/Draft Number: Cheque/Draft Date: Amount in Rs
Cash - - - 8900

Note: This is electronically generated receipt hence no signature required.

Patent Published



Design Software

Retrofitting is nothing more than the addition of new technology or features to older systems in order to improve efficiency, add more functionalities or be compatible with the latest environmental demands.

DIFFERENT VIEWS



**LEFT
SIDE**

REAR



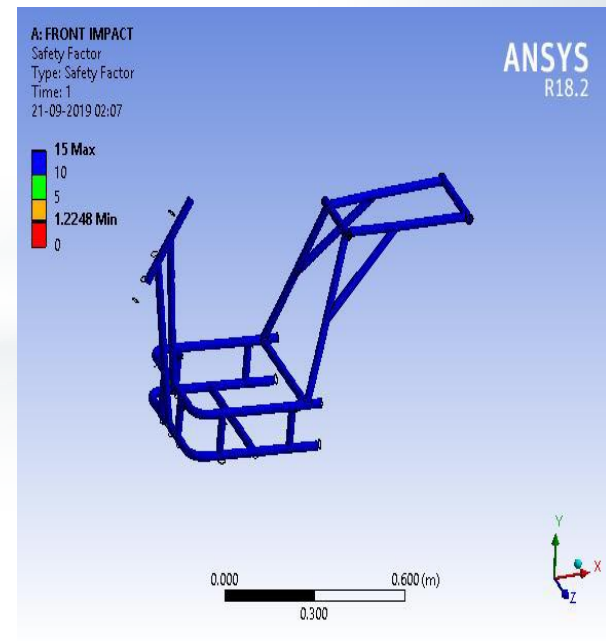
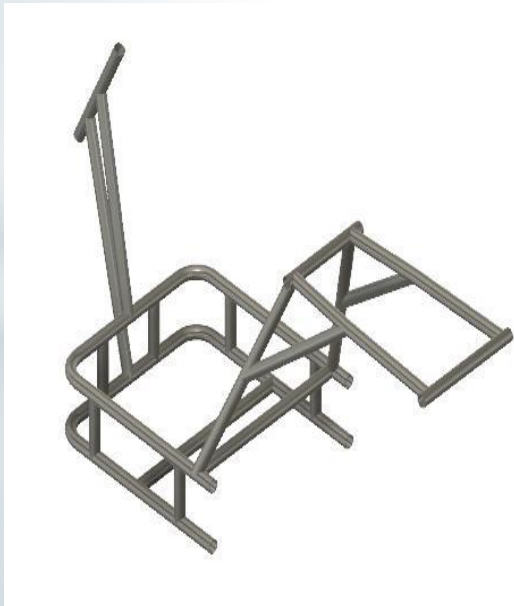
FRONT



**RIGHT
SIDE**

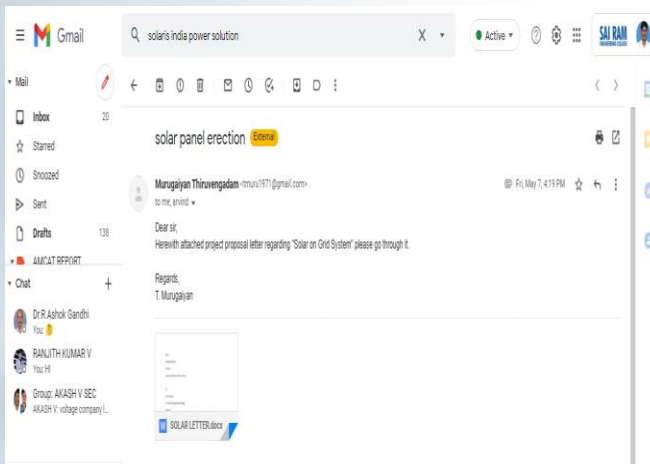
CAE ANALYSIS

- We have selected the frame tube size as 25.4 mm with the thickness of 1.65 mm. We performed analysis for the selected frame tube size by using CAE software (ANSYS).
- On stress analysis by checking the factor of safety for the frame we designed with the tube size of 25.4 mm of OD and 1.65 mm of thickness we found the factor of safety as > 5 .
- Hence our design is safe and the tube size we selected was also safe. Here we have included simulated image of the frame.



OUR CUSTOMERS

- * Mr. T. Murugaiyan, Director, Ultramax Hydrojet Private Limited, Thirumudivakkam, Chennai – 602109.
- * Mechanically Operated Semi-Automatic Gate – Mr. Naresh Raj, CIO, Sairam Institution, Chennai.
- * Electric Bicycle – Mr. S.V. Manikandan, Manager, HCL Technologies.



Order Received from
Mr. T. Murugaiyan

From
T.MURUGAIYAN
Director
Ultramax Hydrojet Private Limited

To
The Principal
Sri Sai Ram Engineering College
Chennai

Sub: Solar System Erection for Domestic Purpose.

Respected Sir,

I am delighted to request your acceptance for our project proposal regarding "Solar on Grid System" on my property.

Address:

MURUMADI ILLAM,

Plot no:30, Dr. Abdul Kalam road II cross street, Tellus avenue phase-II, Rajakilpakkam, Chennai-600073"

I am providing this opportunity to your college startup named Solaris India Power Solution owned by Mr.S.Siva Chandran & Team (Udyam - TN-08-0014853) in collaboration with Daystar Solar Private Limited Chennai. I request you to provide a team for the successful completion of this project with materials and technical support. I am providing Rs.2 Lakhs for the completion and erection of the project in my house. I am awaiting your positive reply at the soonest.

Regards,

T. Murugaiyan

9444921133

8825835127

From
S.V. MANIKANDAN
Chennai

35B, Subash nagar, Mudichur road
Chennai-45

To
The Principal
Sri Sai Ram Engineering College
Chennai

Sub: Conversion of pedal powered bicycle into Electric bicycle.

Respected Sir,

I am delighted to request your acceptance for our project proposal regarding "E-bicycle conversion".

Address:

SWARNAVALLI ILLAM, Plot no: 35B, Subash nagar, Mudichur road, Near Bajaj showroom, Chennai-600045"

I am providing this opportunity to your college startup named Solaris India Power Solution owned by Mr.S.Siva Chandran & Team (Udyam - TN-08-0014853). I request you to provide a team for the successful completion of this project with materials and technical support. I am providing Rs.6,500 for the conversion of my E-bicycle. I am awaiting your positive reply at the soonest.

Yours faithfully,

S.V. Manikandan

Email:manikandansv@gmail.com

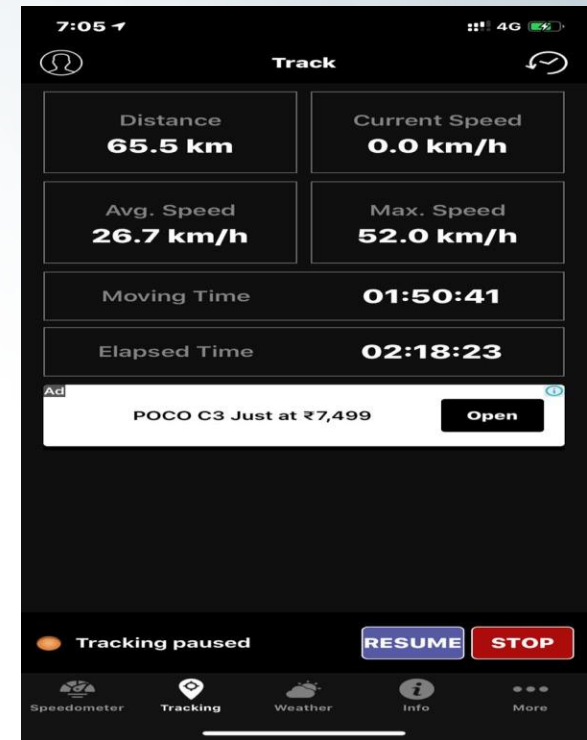
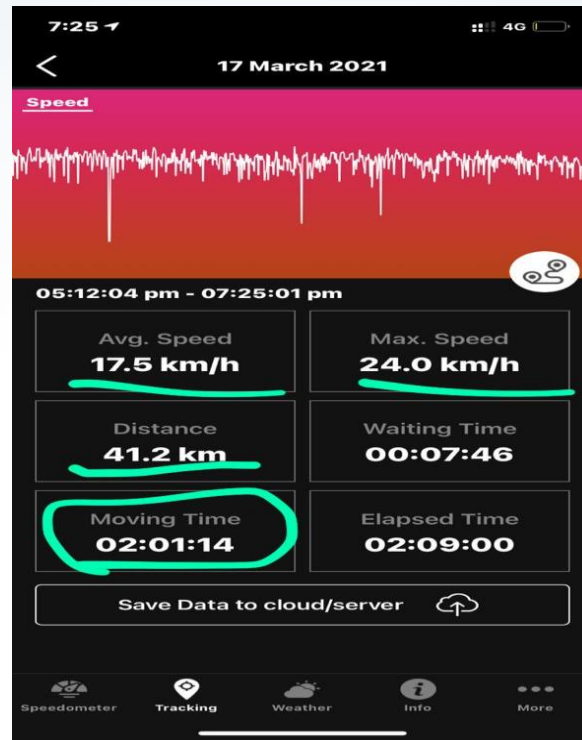
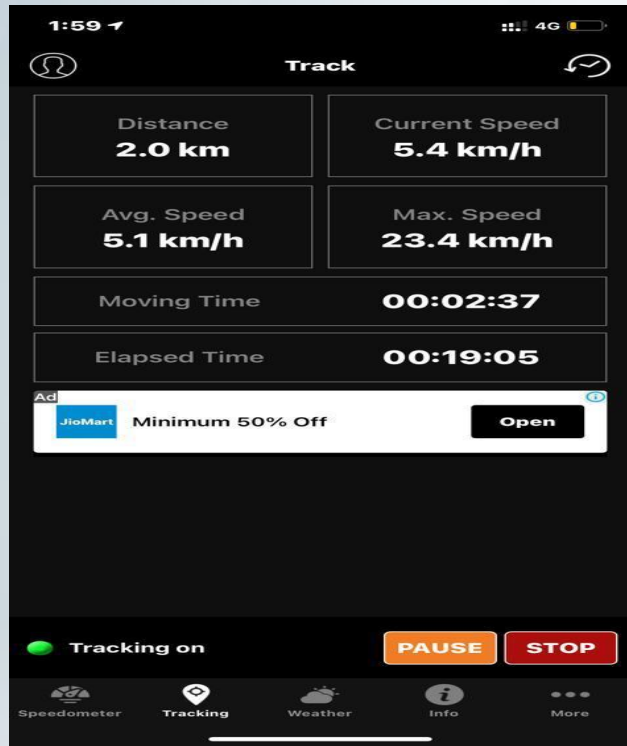
Mobile:9710201414,8610514916

Order Received from Mr. S. V. Manikandan

IN COLLABORATION

- * SRI SAIRAM ENGINEERING COLLEGE
- * DAYSTAR SOLAR
- * PARSHANYA POWER SOLUTIONS
- * GEETEE TECH.

PRODUCT TESTING



- Electric Bicycle final testing report
- Max. Speed :- 24 Km/h
- Avg. Speed :- 17.5 Km/h
- Range :- 41 Km (single charge without peddling)
- Running time :- 2 hours

- Electric Scooter final testing report
- Max. Speed :- 52 Km/h
- Avg. Speed :- 26.7 Km/h
- Range :- 65 Km
- Running time :- 1 hours 50 min.

[Cycle Testing Data](#)

[Scooter Testing Data](#)

MARKETING STRATEGY

✓ Cause Marketing

✓ Diversity Marketing

✓ Relationship
Marketing

❖ Iconic Advertisements at Renewable & Automobile Summits all over the world.

❖ Discounts to Initial Orders

❖ Achieving trust among Customers

❖ Lower cost without compromise in quality.



COMPANY TURN OVER

| Sl. No | Particulars | Amount (Rs.) |
|---------------|--------------------|---------------------|
| 1 | 1 Kw Solar Plant | 15,000.00 |
| 2 | Electric Bicycle | 6,500.00 |
| 3 | Electric TVS XL | 20,000.00 |
| 4 | Automatic Gate | 6,000.00 |
| 5 | 3 KW Solar System | 22,000.00 |
| Total | | 69,500.00 |

CONTACT US

* Reg.Off.:

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Sri Sairam Engineering College,
Sai Leo Nagar, West Tambaram,
Chennai – 44,
Tamil Nadu.



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Mail ID:- sivachandran091@gmail.com

Facebook:- <https://www.facebook.com/profile.php?id=100069619682836>

LinkedIn:- <https://www.linkedin.com/feed/>



THANK YOU