

## Institution's Innovation Council Saurashtra University

### Solar start-up demo day

14 September 2022

At

Senate Hall

Saurashtra University Campus, Rajkot

## Contents

Saurashtra University – IIC	2
Event Schedule	2
Event Registration Link	2
Brief about Event	3
Key Points	5
Outcome	5
About the Dignitaries	6
Connect Us:	10

## Saurashtra University – IIC

The university is dedicated to instruction, research, and extending knowledge to the public (public service). Ministry of Education (MoE), Govt. of India has established 'MoE's Innovation Cell (MIC)' to systematically foster the culture of Innovation among all Higher Education Institutions (HEIs). The primary mandate of MIC is to encourage, inspire and nurture young students by supporting them to work with new ideas and transform them into prototypes while they are informative years. Saurashtra University is one the Organization that have constituted the IIC to foster the vision of MoE and be a part for the promotion and development of innovation ecosystem.

## Event Schedule

Time	Program
10:00 am	Registration & High Tea
<b>11:00 am – 11:30 am Inauguration &amp; Welcome</b>	
11: 00 am	Inaugural Session of Solar Startup Demo Day
11:30 am	Presentation by CE PGVCL on “Solar opportunities & challenges”
11:45 am	Presentation by FEDSMI and FORCE on Opportunities of innovation and R&D, Startups in Solar sector
12:00 pm	RGET Labs LLP
12:20 pm	Solnce Technologies Pvt. Ltd.
12:40 pm	Lume Solar Energy Pvt. Ltd
<b>13:00 pm – 13:10 pm Group Photo</b>	
<b>13:10 pm – 14:10 pm Lunch</b>	
14:10 pm	Ewelt
14:30 pm	Halostringer
14:50 pm	Helios cleantech Pvt. Ltd.
15:10 pm	Concluding Session with way forward for budding entrepreneurs
<b>Networking Tea</b>	

## Event Registration Link

[bit.ly/SolarStartupDemoDayRajkot](http://bit.ly/SolarStartupDemoDayRajkot)

## Brief about Event

Organised Solar Startup Demo Day on 14th September 2022 at Saurashtra University by SU Start-up and Entrepreneurship Council with support of PGVCL, iHub and Federation of Solar Manufacturer. More than 70 EPC Manufacturers joined the event. 6 startups related to Solar innovation pitched their innovation. Full day event was honoured by presence of Sh. Jaiprakash Shivahare, IAS, MD GUVNL, Chairman, PGVCL, Sh. Varunkumar Baranwal, IAS, MD, PGVCL, Dr. Girish Bhimani, Vice Chancellor, Saurashtra University, Mr. Jay Joshi, Project Head, iHub, Sh. Rajesh Joshi, President, FORCE and Sh. Kishorsinh Zala, Vice President, FEDSMI.

In this pitching event discussed about Solar roof, Solar energy, Agricultural Solar etc. The event's objective is to gain insights about various start-ups demo by students. Chairman of PGVCL Shri Jay Prakash Shivahare joined the program through video conference, said that new industrial cooperation to increase production in solar and non-conventional energy sectors is important. JMD of PGVCL Ms. Preeti Sharma said that currently, our country is doing significant work in the field of renewable energy.

Investors in the solar industry will benefit greatly through solar start-up and Students will also get many opportunities to learn about solar energy was made understood.

In this pitching event six solar start-up demo explained by founders.

### **Start-up 1**

RGET Labs LLP

RGET Labs is manufacturer of in house designed and developed solar controller / inverter / VFD induction BLDC and PMSM motor technology for water pump.

Problem:

India has huge solar power available but not using fruitfully.

Agriculture water pump and related works depend on electricity and diesel engine.

Solution:

Developed solar controller/inverter for water pump application with more than 95% efficiency.

Support all existing water pump motors technology (AC & DC)

Low weight and easy to transfer

Now possible without grid power at any place during day

### **Start-up 2**

Solnce Technologies Private Limited

Solnce Energy is a leading clean-tech start-up working on a sustainable solution for the environment.

Solnce energy has saved 612.69 tons of CO<sub>2</sub> from getting into environment.

"Solnce Technologies" is a renewable energy company that is a small step towards a sustainable future. Potable water scarcity is the biggest problem that humankind is facing. Solving this problem with frugal innovation and using only natural resources.

### **Start-up 3**

LUME Solar energy

Started in 2015 Lume Solar is a MEDA approved vendor for residential solar rooftop. Get Residential Solar Rooftop Subsidy from Government up to 80%. No need to rely on the expensive diesel generators anymore.

Applied solar system on beaches.

### **Start-up 4**

E-WELT Technology

Established as a Proprietor firm in the year 2020, we “E-WELT” are a leading Manufacturer, Trader and Service Provider of a wide range of Water Level Controller, Panel Cleaning System, Sensitization Tunnel, etc

One of the major issues with solar panels is, it needs to be cleaned periodically. If we do not take enough care about solar module cleaning then there would be ultimate deductions in power generation.

To solve periodical solar panel cleaning problems, E- Welt Technology comes into the picture with automation and in-house designed solar sprinkler which allows an easy, fast and economical solution with excellent panel cleaning results.

Automated control of the solar sprinkler is done by an automatic solar panel controller designed by E-Welt Technology.

### **Start-up 5**

Halostringer

my startup is on clean energy. we have innovate String device which track all data from solar generation but this make a common in this we have innovate a fuse detector in solar string it contain fuse to protect invertor but when your fuse goes to open on that time energy from grid get loss and not be converted into AC energy which make loss of money on that time when service man come for check on that time we get to know but our device get the data real time give alert to end user and our device make efficient energy generation

### **Start-up 6**

Helios Cleantech Private Limited

Helios natural energy is the leading developer of solar panels, solar home lighting, solar street lights. Company strives to continual improvement through strong customer focus, upgrade manufacturing technology and continuous innovation and development in quality to meet future challenges.

Off Grid Solar Power Systems are used to collect and store solar energy to be used by household appliances. Mostly its usage is based on rural areas where grid electricity is not available. Rooftop on-grid solar power modules are installed on the roof of the residential buildings so our product is formed in order to achieve the conversion of solar radiation into electricity.

## Key Points

During the session, below mentioned points were discussed:

- Renewable energy
- Developed make in India product
- Planning to prevent environmental change
- Encourage the start-up product
- Financial support for start-up
- Kusum scheme
- Solar opportunities and challenges
- FAQs related to solar Start-up demo

## Outcome

As per the event, various types of Solar Start-ups, examples of Solar Start-ups and Various Start-up funding was made understood.

Also, as it was related to Solar Start-up and awareness creation, a basic knowledge of how-to Start-up, how it works, how to use funding opportunities, with various examples of Start-up etc. The main motive of this event was to bridge between academia and industries.



## About the Dignitaries



Shri Jai Prakash  
Shivahare, IAS

---

Chairman

---

PGVCL

---

MD

---

GUVNL

---



Shri Varunkumar  
Baranwal, IAS

---

MD

---

PGVCL

---



Ms. Priti Sharma

---

Joint Managing Director

---

PGVCL

---



Dr. Girish Bhimani  
sir

---

Vice Chancellor

---

Saurashtra University

---



shri Jay Joshi

---

Program Head

---

i-Hub

---



**Shri Rajeshbhai Joshi**  
President  
FORCE



**Shri Kishorshinh Zala**  
Vice President  
FEDSMI

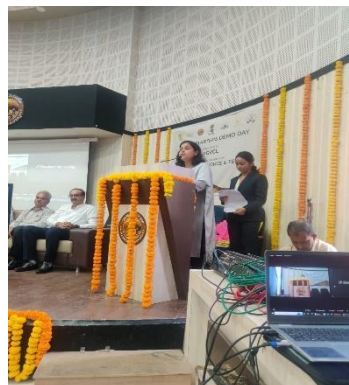
**SOLAR STARTUPS DEMO DAY**  
Organized by **PGVCL**  
In Collaboration with **i-Hub, SUSEC, FORCE & FEDSMI**  
14th September 2022  
11:00 AM Onwards  
Senate Hall, Administrative Building, Saurashtra University Campus, Rajkot

**Invitation**  
We cordially request your presence at the **"Solar Start ups' Demo Day"**  
a pitching event for Startups  
Wednesday, 14th September 2022 at 11 AM  
Venue:- Senate Hall, Saurashtra University Rajkot

**Chief Guest**  
Shri Jai Prakash Shivahare, IAS  
Chairman, PGVCL MD, GUVNL

**Guest of Honor**  
Shri Varunkumar Baranwal IAS  
MD, PGVCL Rajkot

**Chief Patron**  
Dr. Girish Bhimani  
Hon'ble Vice Chancellor  
Saurashtra University









## Connect Us:



<https://www.linkedin.com/company/susec>



<https://www.facebook.com/iicsauuni>



<https://www.instagram.com/susecrajkot>



[iic@sauuni.ac.in](mailto:iic@sauuni.ac.in)



[bit.ly/SU-SSIP Location](https://bit.ly/SU-SSIP%20Location)



<https://bit.ly/SUSEC-youtube>