



kWatt Solutions Pvt. Ltd.

economising renewables

" Specialized in Solar EPC, Consultancy and Training "



CSR ACTIVITIES

**Empowering Communities
through Solar: CSR Opportunities
with kWatt Solutions**

Founded by **Dr. Chetan Singh Solanki, IIT Bombay, Solar
Man of India**

www.kwattsolutions.com

Introduction



- Founded in **2013**
- Based in IIT Bombay
- Founded by **Dr. Chetan Singh Solanki (Solar Man of India)**
- Specialized in solar installation, training & awareness through CSR

Our Focus Areas



How We Solve It ?

At kWatt Solutions Pvt. Ltd., an IIT Bombay-graduated company, we believe that CSR is not just about spending funds – it's about building futures, empowering lives, and creating sustainable communities. We have designed our CSR activities around transformative pillars, ensuring deep-rooted impact in rural and underserved communities across India.

- Promoting clean renewable energy in villages and rural area by helping them to switch from grid energy to solar energy through **solar installations** like Solar home lighting systems, Solar Street lights, Solar study lamps, solar water pumps, etc
- **Free Solar PV training** for underprivileged students which will enable their jobs/livelihood opportunities in the growing solar industry.
- **Entrepreneurship training** to help youth as well as women to start their own solar enterprise and be a micro entrepreneur.



Our Roots in Solar Trainings

Founded in 2013, **kWatt Solutions Pvt. Ltd.** (kSPL) is an **IIT Bombay**-incubated solar enterprise committed to creating large-scale impact through renewable energy. Spearheaded by **Dr. Chetan Singh Solanki**, known as the “**Solar Man of India**”, we’ve been working relentlessly to bring solar power from campuses to communities, from cities to the most remote villages.

We have more than **20 NSDC**-accredited centres across India, experience of over **35 + certified solar trainers** and have a presence over **15 cities** across India.

Highlights:

- **12+ Years** of Solar Excellence since 2013
- Delivered **150+ Solar Projects** across rooftops, schools & rural areas
- Trained more than **6,000+ students** through CSR Fundings
- Skilled **10,000+ individuals** through online, offline, and CSR-led programs
- Active collaborations with **8+ CSR Funders**
- Trusted by major corporates like **TATA, Godrej, L&T, Citi Bank, HSBC**, and more
- Government-backed projects via **MNRE, NISE**, and other national missions
- Conducted **MNRE & MSSDS** funded Suryamitra Training program for over **5,000+ students** in association with National Institute of Solar Energy
- Success rate of over **70% placement**



What We Require from Our CSR Partners

kWatt Solutions Pvt. Ltd. (IIT Bombay-incubated, est. 2013) is a leader in solar installation, training, and awareness. We empower underserved communities through innovative CSR initiatives focused on:

Green Energy-

Bringing solar power to rural India

Education-

Free solar training for underprivileged youth

Employment-

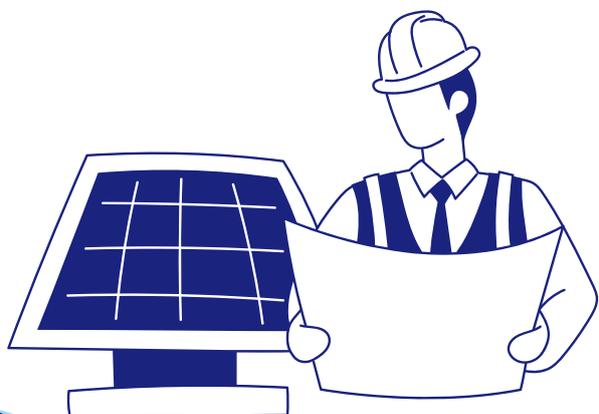
Entrepreneurship and job opportunities in the solar sector

How Your CSR Support Can Drive Real Impact:

- Sponsor certified solar training for youth
- Fund solar entrepreneurship programs for women and rural youth
- Enable rural electrification projects
- Reduce carbon emissions and promote sustainable development

Direct Benefits:

- Clean energy access for **underprivileged communities**
- Sustainable livelihoods and micro-enterprises
- Tangible environmental impact



CSR Initiatives Overview

With years of experience in CSR partnerships with **Tata Motors, Godrej, Tata Strive, Microsoft** etc

01

SOLAR PV INSTALLER COURSE

- **200-hours** training for ITI/diploma students
- Skills: Solar design, installation, communication, entrepreneurship
- Outcomes: Job-ready professionals, new solar businesses



02

SOLAR LAMP ASSEMBLY AND DISTRIBUTION

- **Corporate workshops** to assemble solar lamps
- Distributed free to rural students, farmers, and families



03

RURAL ELECTRIFICATION

- Off-grid solar plants, **home lighting, streetlights** for remote villages



04

YOUNG ENTREPRENSHIP AND WOMEN EMPOWERMENT TRAINING PROGRAM

- **2-month program** blending technical and business training
- Seed funding and mentorship for starting solar enterprises



About Our **CSR Initiative**

kSPL is dedicated to train more than thousands of students in Solar field to meet the requirement of the Nation Solar Mission., kSPL with zeal of **“Making participants Solar Smart”** While achieving its vision kWatt understands the need of this technology in the rural areas where people still use kerosene lamps and lanterns to light their daily requirements.

Role of **CSR Companies**

The CSR company will fund the selected initiative and **appoint kWatt as the implementation partner**. The CSR company can share their SOP and implementation standards in case of any customization required in the programs.

Role of **kWatt Solutions**

kSPL will be the implementation partner, kSPL prepares the concept note of the selected program and implements it as per the outline. kSPL follows all the Quality standards for **smooth conduct of the program**. kSPL takes care of the logistics and all other execution-related operations.



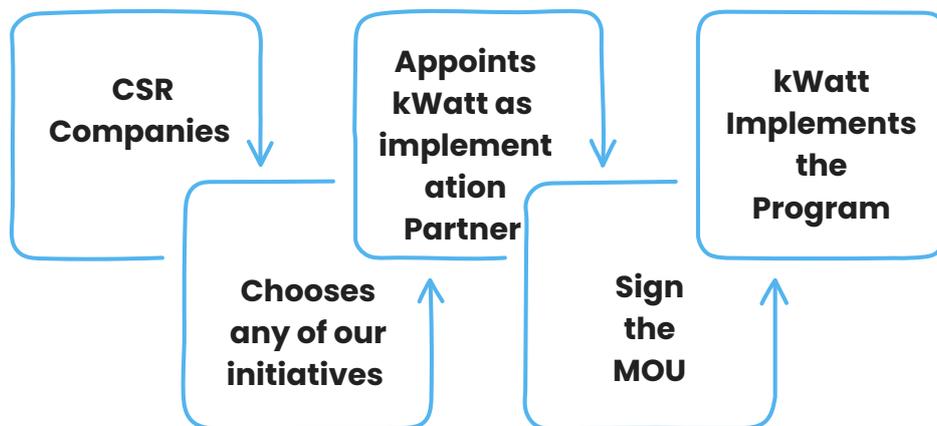
Role of NGO

NGO will support us in case of identifying the underprivileged communities if required, Including NGO as a partner in Rural Electrification Program is optional depending upon the tie-up and mutual agreement between Funder and Technical Partner.

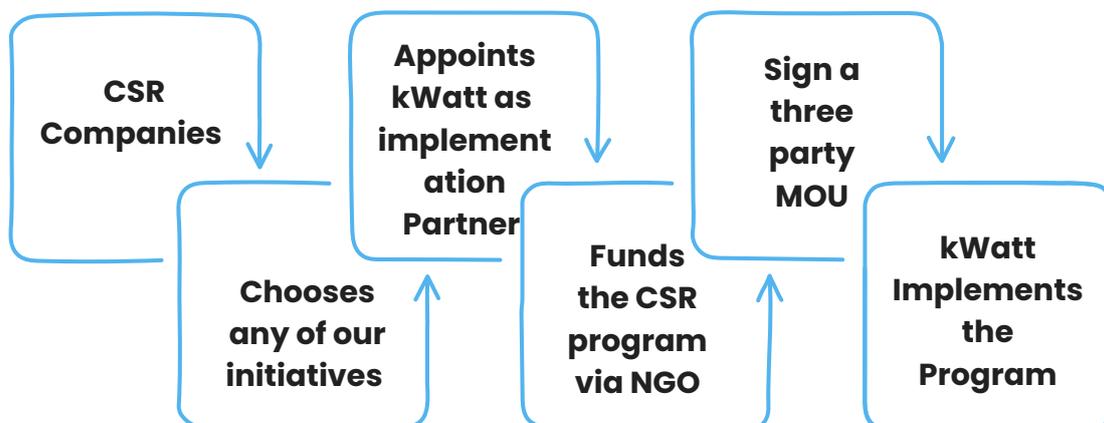
Beneficiary

A community of people from the society which requires the support from CSR in case of switching to solar energy or for education and employability or setting up an enterprise can be our beneficiary.

CSR Innovatives Stake Holders



OR



01

Solar PV Installer course

Course Objective

This CSR initiative aims to equip underprivileged ITI and diploma students with in-demand skills in the solar energy sector, enabling them to become **job-ready solar professionals or independent entrepreneurs.**

Through this intensive **200-hour training**, participants will learn to design and install solar PV systems, develop strong communication and technical skills, and gain the confidence to either start their own solar installation firm or secure a meaningful career in the renewable energy industry.

Course Outline

- Introduction to Solar Energy
- Identification and Use of different tools and tackles
- Solar Power Plant Design
- Site Survey for Installation of Solar PV System
- Installation & Commissioning
- Business & Entrepreneurship Skills
- Soft Skills for Solar Professionals
- Test and Commission Solar PV system
- Maintain Solar Photovoltaic System
- Completion and Handover Documentation

Course Outcome

After undergoing this course students will be able to -

- Design the solar power plant
- Install a Solar power plants on their own
- Students will be able to start their own solar installation firm
- Chances of getting a good job in solar industry will increase
- Students will become more confident as their communication and technical skill are developed as per the corporate requirement.



Case Studies & Testimonials



SUCCESS
STORIES



TATA Strive Partnership: Transforming Technical Talent into Solar Experts



At kWatt Solutions, our collaboration with **TATA Strive** has been a landmark initiative in transforming the futures of ITI students through focused solar skill development.

- Centers Established in: Bangalore, Indore, and Mumbai
- **550+** ITI Students Trained under the Solar PV Installer Qualification Pack
- **70%+** Placement Rate with leading solar giants like **Adani, Tata Power Solar, Waaree, and SunEdison**
- Students Shortlisted for the National Solar Installation Competition by **SCGJ** (Hyderabad)

MNRE's Surya Mitra Initiative: National-Scale Impact

Recognized as a Top 10 Empaneled Training Partner by NISE, kWatt Solutions has driven large-scale solar training programs under MNRE's prestigious Surya Mitra Scheme.

- **75+** Batches Conducted across PAN India
- **5000+** Beneficiaries from ITI/Diploma backgrounds
- **70%+** Successful Placement in top-tier solar companies
- **20** Training Centers across **6** major Indian states



02

Solar Lamp Assembly And Distribution

Solar Lamp Assembly Workshop – Engaging Employees in
Meaningful Impact

Course Objective

The objective behind this program is to spread awareness of Solar technology and its advantages among the rural section of India. In this workshop we will be **engaging the corporates** for assembling the raw material into a **solar lamp** which will be then **distributed to villagers, farmers, School students** etc at zero price who cannot afford the product at its market price.



Course Outline

- Understanding the solar energy scenario in India
- Learning about different solar units
- Solar potential and application
- Understanding the assembly and circuitry of Solar Study Lamp
- Hands-On practical session for the assembly and testing of Solar Study Lamp
- Get practical insight into basic and advanced features

Course Outcome

- Will be distributed to remote location to farmers and rural students
- Replacement of kerosine lamps
- The beneficiaries get the end product for zero cost
- The purchase price of product is much lower as compared to its market value
- The product is purchased in the form of raw material and is assembled by the corporate professionals
- This assembled product is then tested and after Quality Check it is distributed to the beneficiaries



Solar Lamp Assembly Workshops with Leading Corporates



kWatt Solutions Pvt. Ltd. has proudly **collaborated with several esteemed organizations** to conduct impactful Solar Lamp Assembly Workshops under their CSR initiatives. These workshops not only empowered underprivileged communities with access to sustainable lighting but also deeply engaged employees in a meaningful, hands-on CSR experience.

2350
**Solar Lamps
Distributed**

Here's a glimpse of our recent partnerships and the change we've created together:



Salesforce
1120 Lamps



Citi Bank
380 Lamps



Morningstar
300 Lamps



HSBC Bank
230 Lamps



Marsh McLennan
120 Lamps



Dolby
100 Lamps

03

Rural Electrification

Off-Grid Solar POW Plant, LED Lamps And LED Street Lights



Lighting up Rural India

The decentralised and modular nature of solar power makes it easy to deploy for multiple rural applications, impacting key facets of rural population such as productivity, safety, health benefits, access to clean water, heating solution and livelihood. Solar lighting, for example, not only provides a high quality solution to improve rural productivity, but also substantially reduces health hazards by enabling replacement of kerosene lamps. Even **4-5 hours of additional lighting can improve productivity and income of rural** household by nearly 30 per cent.



Overview

This initiative focuses on the supply, installation, and commissioning of **Solar PV power plants in remote and underserved villages** where grid connectivity is limited or completely unavailable. Through this project, we aim to electrify rural households, schools, and community spaces using clean, renewable solar energy – **improving the quality of life for families** and enabling children to study, businesses to function, and communities to thrive after sunset

Execution

- Perform survey and finalize concept of the system
- Design and engineering for the system
- Get manufactured and source the components
- Installation of the Solar PV System, Home Lighting systems, Streetlights or Solar water pump
- Commissioning and Handover to customer
- Provide in-house training to the user

System benefits

- DC Electricity generated or the Solar Power from sunlight can be used for charging the solar batteries through the MPPT - Charge Controller/Solar Inverter (PCU)
- Using generated solar power, one can run loads without any requirement of electricity grid

Kasara Rural electrification funded by AOL foundation



Any NGO with a vision to build a self-reliant, sustainable rural economy, generating gainful employment opportunities by identifying the beneficiaries. Including NGO as a partner in Rural Electrification Program is optional depending upon the tie-up and mutual agreement between Funder and Technical Partner.



O GRID SOLAR PLANT

PLANT CAPACITY: 4 KWP
(2.5KWP + 1.5 KWP)

MICRO GRID RESIDENTIAL



Young Entrepreneurship And Women Empowerment Training Program

04

Course Introduction

This initiative is a unique CSR-backed program by kWatt Solutions Pvt. Ltd. designed to **empower youth and women** from rural or underprivileged communities by equipping them with the knowledge, skills, and resources to **start their own solar businesses** of Home lighting system, solar lamp and solar charger

The program is of 2 months which blends **technical training with entrepreneurial development**, helping participants not only learn about solar technology but also understand how to become self-reliant business owners. The training is conducted in two impactful phases, ensuring both skill-building and real-world experience.

Course Outline

Phase 1: Skill Development Training

- Introduction to solar energy and its applications
- Training on **development, assembly, repair & maintenance** of various solar products (solar lamps, home lighting systems, etc.)
- Basics of solar product sales and servicing
- Real-time, hands-on experience with tools and solar components

Phase 2: Entrepreneurial Launchpad

- From 30 trained participants, **10 will be selected** based on performance and attitude
- Each selected candidate will be offered a **seed fund of ₹5,00,000** (interest-free loan through CSR)
- Participants will form **micro-entrepreneur groups** to assemble, market, and sell solar products
- Ongoing mentorship and business support to run a successful solar enterprise
- Fund to be repaid in easy terms, fostering a **responsible and self-sustained business model**

Course Benefits

- **Empowerment through Skill:** Learn valuable solar technical skills with zero cost to participants
- **Entrepreneurial Upliftment:** Access to startup funding and real-world solar business exposure
- **Women-Centric & Inclusive:** Priority to women and rural youth, promoting gender equity and local leadership
- **Guidance & Mentorship:** Continuous support from solar experts to help participants succeed
- **Sustainable Livelihood:** A pathway to financial independence and community impact through clean energy entrepreneurship





Young Entrepreneurs at Jawhar, **Funded by Tata Motors**

Off Grid Solar Plant

As a part of this, we trained **30 students** from remote locations near Jawhar on solar product assembly, repairs & maintenance. Further, 10 merit students were identified and provided with **seed loan** to start their own enterprise for selling, distribution and maintenance of these products in nearby villages.

Skill Building at Jawhar, Maharashtra

Young Entrepreneurs training aims at

- Creating job/livelihood opportunity for women and youth
- Developing Rural Entrepreneurs Skills and
- Create Sustainable and aordable lighting solution





How do you help the Environment:

For every 100 kW of Solar on your roof, you reduce emissions equivalent to

- 3741 Tons of CO2 every year
- Planting 5985 mature tree

AFFILIATED BY



OUR CSR PARTNERS



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