



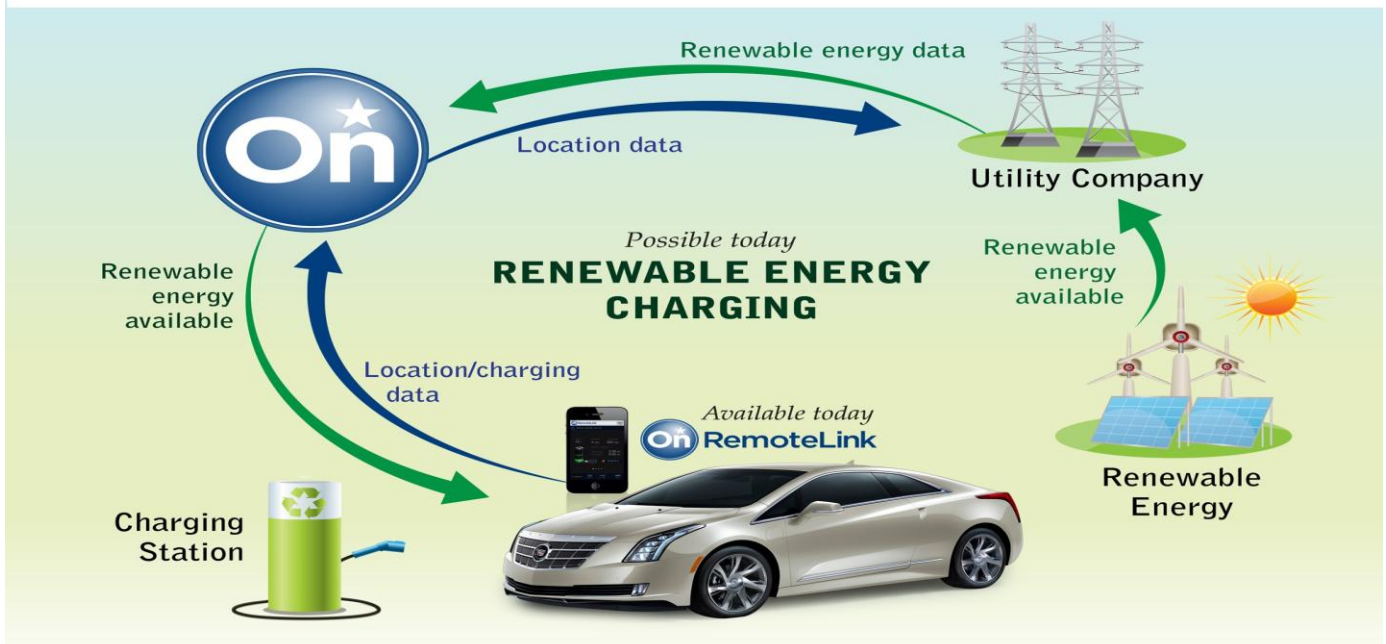
**OLTRON TECHNOLOGY**  
A TECH-SOLUTION COMPANY

## INDUSTRIAL INTERNSHIP

# Renewable Energy & Automobile Industry

A complete package - Beginner to Expert level  
**MECHANICAL**

## RENEWABLE ENERGY & AUTOMOBILE INDUSTRY



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# Renewable Energy & Automobile Industry

## Oltron Internship Program

An internship is a short-term opportunity offered by organisations to students and graduates to gain work experience.

In our industrial internship program, we are offering courses for a limited period of time (ranging from a week to 6 months). Here you'll work on various innovative real-time projects & pick up industry-relevant skills.

## Mission & Vision

Through This internship program our aim is to bridge the gap between what is taught in classrooms and what industries look for in recruits.

## Trainings Vs Internship

Yes, they're as similar as star and starfish. Wait, what? Exactly! Training and internship are two completely different terms. A training refers to a series of lessons (offline or online) that are aimed at developing a particular skill while an internship is an opportunity to work in an organisation and contribute to its projects.

## About Renewable Energy & Automobile Industry

There is a lot of focus on electric vehicles (EVs) today and they certainly pose an opportunity for a major change in how automotive products contribute to climate change. This shift to EVs is expected to happen over the next 10 years. However, there is an immediate opportunity from a sustainability standpoint that manufacturing itself be sustainable. Most corporate in India today are making a strong push towards sustainability given their commitment towards sourcing renewable energy. The automobile manufacturing sector, including auto ancillaries, is already showing quick adoption.

Implementation of sustainability through solar adoption can be done without any investment and without any change to the company's operations. For example, Tata Motors' nano car factory in Gujarat has one of the state's largest rooftop solar plants, with a capacity of 2 megawatt (MW). This project has helped Tata Motors to save about Rs 3 million annually and abate almost 2,700 tonnes of carbon dioxide annually.

## Course at a Glance:

### Renewable Energy & Automobile Industry

- Introduction to Renewable Energy
- Introduction to Solar, Wind & Tidal Energy
- Solar PV Module
- Photoelectric Effect
- Solar Battery
- Photo Diode
- Solar Energy System
- Wind Energy
- Horizontal & Vertical Wind Mill
- Comparison among various renewable energy
- Connection in PV System
- Calculation in solar Power
- Solar Application in Industries
- Solar Tracking System for maximum Power
- Fabrication of Solar System in Vehicles
- Fabrication of Solar System in Industries for Mechanical Machines
- Hybrid System using Solar and Grid
- E- Vehicle Demo Model Design
- Fabrication of E- Vehicle
- Power Supply Design
- Hybrid Vehicle Concept & Fabrication
- Fabrication of Various Facilities in modern vehicles using sensors
- Solar Powered Vehicles Concept & Fabrication
- Future Vehicle Concept

SHOW STOPPER –WORKING WITH **Ultra Modern Solar Vehicle**

## Benefits towards Students from Internship Program

- Skill Development
- Better opportunities in corporate world
- Industrial Type Environment
- Familiar with latest technology
- Internationally Valid Certification -

- **ISO Certified**
- **MSME (Govt. of India) Certified**

Internship Fee: INR 6000/-

Time Duration: 4 - 5 weeks

\*\* Required kit will be provided by the company @ zero cost.