



Ministry of Micro, Small and Medium Enterprises,  
Government of India



ISO 9001 : 2008  
ISO: 14001:2004

## **MSME TECHNOLOGY DEVELOPMENT CENTRE (CDGI)**

### **MINISTRY OF MICRO, SMALL & MEDIUM ENTERPRISES, GOVT. OF INDIA**

- A1/1, Industrial Area, Jalesar Road, Firozabad 283203, Uttar Pradesh
- [www.cdgiindia.net](http://www.cdgiindia.net)

## **BRIEF DESCRIPTION OF TRAINING PROGRAMME**

### **Electric Vehicle Charging Station & Retro Fitting Business**

#### **About the training**

Government of India has undertaken multiple initiatives to promote manufacturing and adoption of electric vehicles in India. With the support of the Government, electric vehicles have started penetrating in the Indian Market.

However, availability of adequate Charging Infrastructure is one of the key requirements for accelerated adoption of electric vehicles in India. It is proposed to encourage this by laying down an enabling framework.

#### **Objective**

- To enable faster adoption of electric vehicles in India by ensuring safe, reliable, accessible and affordable Charging Infrastructure and eco-system
- To promote affordable tariff chargeable from EV owners and Charge Stations Operators/Owners
- To generate employment/income opportunities for small entrepreneurs
- To proactively support creation of EV Charging Infrastructure in the initial phase and eventually create market for EV Charging business

- To encourage preparedness of Electrical Distribution System to adopt EV Charging Infrastructure.

**Topics to be covered:**

- Energy and pollution scenario in India and Globe
- Electric Vehicles market in India and Globe
- Few Models of electric vehicles – price, speed, mileage
- Basic working of Electrical vehicle , EV vs BS6
- Electric vehicle policy - state/central
- Business models in EV market
- EV Charging Stations & Technologies
  - Types of Charging Stations
  - Implementation Mechanism
  - EV Stations Infrastructures & Business Opportunities
- Public Charging Infrastructure requirements
- Locations of Public Charging Stations (PCS)
- Database of Public EV Charging Stations
- Tariff rate for Supply Electricity to EV PCS
- Business Opportunities/Models for EV Charging stations/ Rate Contract/ Land Leasing etc.
- Solar-Powered EV Charging stations
- Solar PV based EV Charging Station Technology

- Solar PV Charging Connectivity Loads
- Viability of EVs in India: A Public Opinion Survey
- Case Studies of charging stations and EV maintenance
- Battery Swapping Station
- Impact on Charging Infrastructure
- EV Charging Business Model
- Challenges in the EV market
- Categories Based of Electric Vehicles
- Charging Stations/ Loads/ kW/ kM/ Power Capacity ranges etc.

**Date: 23 & 24 April 2022 Time- 5pm to 8.30pm**

**Course Fee: Rs. 2500/-** (Included Course Fees, Soft Study Material)

Please find below bank details

PAYMENT TO BE MADE ONLY IN CDGI ACCOUNT

Online (NEFT) Transfer to M/o MSME Technology Development Centre CDGI

Account Name: Centre for the Development of Glass Industry

Bank: Axis bank ltd

A/c No. 672010100020712

IFSC Code: UTIB0000672

Pls send screenshot of payment details for seat confirmation

**FOR MORE DETAILS PLEASE CONTACT:**

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**Website:** [www.cdgiindia.net](http://www.cdgiindia.net)