

TDB-DST SUPPORTS SCHARGE PVT. LTD. UNDER INDIA-UK COLLABORATIVE R&D PROGRAMME FOR ADVANCED EV CHARGING INFRASTRUCTURE

Posted On: 06 APR 2026 1:17PM by PIB Delhi

The Technology Development Board (TDB), Department of Science & Technology (DST), Government of India, has signed an agreement with M/s Scharge Pvt Limited for the project titled “Powering EV Charging Innovation.” The project is supported under the India-UK Collaborative R&D Programme for Industrial Sustainability, in partnership with UK-based Albright Product Design Limited, aimed at developing advanced and efficient solutions for electric vehicle (EV) charging infrastructure.



The supported project focuses on the development of a next-generation EV charging solution tailored for commercial fleet and depot operations. The technology integrates an innovative EV charger charge controller developed by Scharge Pvt Limited with a patented automated cable management system from the UK partner. This integrated approach is designed to improve operational efficiency, safety, and usability in high-demand EV charging environments.

The solution introduces a motorised overhead cable management system, specifically designed for fleet-based applications, which streamlines charging operations by reducing manual handling, minimizing cable wear and tear, and enhancing user convenience. The system is compatible with existing AC Type-2 EV chargers and aims to improve charging turnaround time while ensuring safe and organized infrastructure in depot settings.

By addressing key operational challenges such as cable management, equipment protection, and workflow optimization, the technology is expected to significantly enhance the efficiency of EV charging depots. It also contributes to improved safety standards by reducing risks related to cable damage, vandalism, and operational hazards.

Scharge Pvt Limited, an emerging Indian EV technology company, is focused on developing advanced power electronics and smart charging systems. Through this project, the company aims to strengthen indigenous capabilities in EV charging technologies while enabling scalable and sustainable infrastructure for the growing electric mobility sector.

Speaking on the occasion, **Shri Rajesh Kumar Pathak, Secretary, TDB**, stated that collaborative R&D initiatives such as the India–UK programme play a critical role in accelerating the development of advanced, industry-relevant technologies. He noted that innovations in EV charging infrastructure are essential to support the rapid adoption of electric mobility and to build a robust, efficient, and future-ready ecosystem in India.

Promoter of Scharge Pvt Limited expressed appreciation for the support and highlighted that the project will enable the company to bring innovative, globally competitive EV charging solutions to market, addressing the evolving needs of fleet operators and infrastructure providers.

NKR/FT/NM

(Release ID: 2249255) Visitor Counter : 448

Read this release in: Urdu , हिन्दी , Bengali , Telugu