

## Mission - Julley YO!

### **NO PETROL - YOBYKES become the FIRST ever, E-Scooter to reach KHARDUNG LA (MOUNTAIN PASS), World's Highest Motorable road**

- ELECTROTHERM'S - YOEXLER become the First E-scooter to scale the world's highest known motorable road - 'Khardung La Pass at 18380 ft.', Leh
- Powered with ELECTROTHERM's in-house designed & manufactured power train, NO PETROL-YOBYKES successfully performed at high altitude, performed at gradient of 5 degree and more
- Use of 100% Renewable Energy during the entire expedition: For the mission NO PETROL-YOBYKES were charged with Solar Energy, Hydroelectricity

Ahmedabad, 17<sup>th</sup> September 2015.

Julley YO, a mission to drive the first ever ride by scaling the highest known motorable road in the world, 'Khardung La Pass at 18380 ft.' on a Solar charged electric scooter. On the 14<sup>th</sup> September 2015 Mission was successfully accomplished in a joint efforts by ELECTROTHERM (INDIA) LIMITED and Global Himalayan Expeditions (GHE).

This was the **WORLD'S FIRST** journey to the 'HIGHEST KNOWN MOTORABLE ROAD IN THE WORLD - THE KHARDUNG LA PASS AT 18380 FT.' ON A BATTERY OPERATED SCOOTER.

#### Objective Was...

- To demonstrate the strength of ET's advanced Power Train for Electric vehicles. Also prove the dependability, sturdiness and reliability of E-Scooter to withstand the toughest of tests.
- To promote transportation based on clean energy, such as solar operated battery scooters, in popular tourists destinations, while curbing pollution and associated health issues

The feat was achieved in 4 hours 12 minutes on 14 September, 2015 (including 0.55 min break for refreshment and proactive charging of scooters). Due to its extreme and very difficult conditions i.e. rough roads, high gradient, difficult terrain and very cold weather conditions Leh to Khardunga route is considered to be the one of the most difficult places to reach by road. Totally un-assisted journey of more than 80 kilometres with a one-time charge of scooters during the journey, by plugging them to batteries which were pre-charged using solar power.



According to Basant Vaishya, Sr Vice President and SBU Head - Auto Division Electrotherm (India) Ltd *“We are very proud of team GHE’s feat of scaling Khardung La Pass on YObykes. This achievement has proven that if Electric YObykes can perform at such difficult terrains, gradient levels and climatic conditions they have the potential to perform phenomenally in the city traffic for our basic transit needs. This also clearly indicates at ET-Auto divisions’ strong R&D capabilities and our abilities to produce such powerful vehicles which are comparable with any tough automobiles machines, which conquer such heights. Clean energy is the need of the hour and with growing concern regarding vehicle pollution & high operating cost of two wheelers Indian consumers have already started switching over to low cost & environment friendly electric two wheelers. The region has seen a major upsurge of tourism and associated vehicular pollution, such interventions can definitely help the region reduce emissions and also be a very good transit medium for the city youth and tourists. Yo Bikes were introduced at the Annual Ladakh Marathon last week and created quite a buzz amongst the city youth The 2 bikes in the region will be used for promotion and test runs, for which are already receiving an overwhelming response and have already started acknowledging enquiries from interested individuals and dealers.”*

ELECTROTHERM’S YOEXL ER model was used for the mission. YOEXL ER is technologically most advanced as well as the most powerful among all the Electric Scooters available in India. YOEXL ER is powered with ET’s 100% in-house designed, developed and manufactured Power Train i.e. Motor, Charger, Controller, Converter.

In 2006, ELECTROTHERM was the First to Introduce Electric Scooters in an organized manner in India. Today with more than ONE lakh satisfied users ET has emerged as the largest selling and the most trusted Electric Vehicles manufacturers in India. NO PETROL - YOBYKES offer the most Economical, Eco-friendly (Zero Tail Pipe Emission), Easy and Safe Mobility solution.

The infusion of such clean energy interventions are imperative in a region where the population is facing serious environmental and health issues, resulting from pollution caused by commercial vehicles. The number of vehicles are rising every year and the low oxygen content at that altitude increases the fuel consumption by vehicles, a dangerous situation for the fragile ecosystem of Ladakh.

Such clean modes of transport will help reduce the fuel emission and generate awareness in the local populace about the alternate source of energy.

These electric bikes, introduced at the 2015 Ladakh Marathon, will primarily be used to create awareness and educate the local youth on alternates to fossil fuels. The Bikes are currently being tested in Ladakh for a month before it will be made available for local population.

*For more information please write to : [ashav.jadawala@electrotherm.com](mailto:ashav.jadawala@electrotherm.com)*