

INSTITUTION'S INNOVATION COUNCIL MOE'S INNOVATION CELL

Institute Name:

Dr. B. R. Ambedkar National Institute of Technology

Title of the Innovation/Prototype:

Power Taxi

Team Lead Name:

Kishan Lal Periwai

Team Lead Email:

klperiwal@gmail.com

Team Lead Phone:

9742657230

Team Lead Gender:

Male

FY of Development:

2022-23

Developed as part of:

Independent Assignment/Non-academic Study Project

Innovation Type:

Market Place

TRL LEVEL:

1

Theme:

Smart Vehicles/ Electric vehicle/ Electric vehicle motor and battery technology.,IoT based technologies (e.g. Security & Surveillance systems etc),Other Emerging areas Innovation for Startup,Software - Mobile App Development,Travel & Tourism,Smart Cities,

Define the problem and its relevance to today's market / society / industry need:

Travelling in Cabs is still considered unsafe in many parts of India, especially when it's night or the Ladies and Children are travelling alone in the cab. Ola and Uber are used, but they aren't completely safe either.

Describe the Solution / Proposed / Developed:

- Better hiring process for drivers: Training and Testing(Both physically& mentally) Procedures for application as a driver, special emphasis to promote female drivers. Also the ex Army Officers and Trained NCC candidates to be chosen which ensures complete protection of the passengers. - Better monitoring of cabs: Installing a CCTV inside the cab to monitor, Emergency buttons present both in cab and the app, Realtime Location tracking and supervision by our team.

Explain the uniqueness and distinctive features of the (product / process / service) solution:

The main USP of the product is our Well trained and tested drivers. They either belong to Indian Armed forces or from NCC/ Scouts and are been tested regularly both mentally and psychologically. This ensures a complete safety package for the rider.

How your proposed / developed (product / process / service) solution is different from similar kind of product by the competitors if any:

Similar apps like Ola and Uber only focus on App based Cab- booking systems. But our cabs ensure more on safety related issues with the cabs and the drivers. It's more of a safety based company than a service based.

Is there any IP or Patentable Component associated with the Solution?:

No

Copy of IP/Patent Applied or Obtained: [View File](#)

Has the Solution Received any Innovation Grant/Seefund Support?:

No

Total grant fund amount (Rs.) Received from various sources: 0

Grant fund amount (Rs.) Received From Institute/Incubation Unit: 0

Are there any Recognitions (National/International) Obtained by the Solution?:

No

***Is the Solution Commercialized either through Technology Transfer or Enterprise Development/Startup?:**

No

Had the Solution Received any Pre-Incubation/Incubation Support?:

Yes

Pre-Incubation / Incubation Unit Name:

Professors of NIT Jalandhar

Video URL:

null

Downloaded on:

This report is electronically generated against Yukti - National Innovation Repository Portal.