

## **DBT-BIRAC supported firm develops user friendly wheelchair**

New Delhi, Feb 22: Both manual and powered wheelchairs are available in the Indian market. However, most of them are designed only to navigate on smooth surfaces. Some are designed for rough terrain. But, they aren't usually indoor friendly.



Indent Designs Pvt. Ltd. which is supported by DBT-Biotechnology Industry Research Assistance Council (DBT-BIRAC) has come up with an innovation called “Ibex” that helps answer this issue. It is an electric wheelchair specially designed for Indian road conditions. It's unique three-wheeled design and high torque ensures that it can practically go anywhere.

Apart from being indoor as well as outdoor friendly this product has been designed in a manner to ensure comfort as well as durability. This innovation gives users the unique ability to use one mode of transport to get to their place of work, or daily errands, and still be able to use it indoors. This is an added advantage to the user who is comfortable whether indoors or out on the road.

This product has been designed using ubiquitous, standardised cycle parts that are easily available in local markets in order to ensure its durability. This innovation has a light weight design and its foldable design allows it to fit inside car trunks. It is easily serviceable and low on maintenance as well. The design specification while building this product have been worked out to make it as close to a complete package as possible.

The uniqueness of this product also lies in the fact that Ibex has been designed in-house by an enthusiastic young team in consultation with physiotherapists and designers to make an ergonomically, and aesthetically designed product.

Features:

- Ibex is specifically designed in-house to navigate on India road conditions.
- Built using cycle parts that are standardised, ubiquitous and durable.
- Products are easy to maintain and service.
- Easily be modified to suit PWDs' needs.

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