

DBT-BIRAC supports a new all terrain, energy efficient crutch

New Delhi, Oct 01: Loss of mobility can make ordinary activities of daily life difficult to accomplish and lead to emotional trauma as well. Loss of mobility might be a result of brain injury, other neurological disorders like stroke, polio or cerebral palsy. Developing countries like India have about 5 times more people with a mobility disability. These people often suffer from poor quality of life due to lack of mobility equipment or good quality walking aids. The basic crutches available make the people tired after walking short distances.



Flexmotiv technologies Pvt Ltd. with support from BIRAC have developed all-terrain, self-standing crutches (axillary and elbow) which can be used on wet and uneven surfaces such as wet tiles, mud and snow without slipping. This product named as Flexmo is an energy efficient innovation and does not make the user tired even after a long-distance walk. This innovation can be helpful to elderly people, polio patients, paraplegics and amputees.

Flexmo crutch is a one-of-a-kind crutch that can be used on all terrains, the foot-like design of the crutches ensure they can be used without the fear of slipping and falling on any kind of surface. The crutch tips that are presently available in the market are almost rigid and prone to slippage. This innovation draws inspiration from the human foot, that while taking a step, the heel part grips the surface and absorbs the shock. The toe part gives the extra grip while you are in the air and further ensures a soft landing. This heel-toe combination gives rise to ultra-stability and zero-slippage for the consumer. The best thing about Flexmo is that the crutch tip has two rubber grips - front and back.

This product pricing starts at Rs.2999 and goes till Rs. 8000 depending on the type of crutches- elbow, composite, ultra-axillary and premium axillary crutches.

Equipping people with mobility loss with this innovation empowers them with better productivity and enhances their confidence and quality of life.

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