

A Device for Facilitating Handicapped People with their Body Movements

Overall aim

The overall aim of this project is to help handicapped people to be able to move by making improvements to pre-existing disability aide.

Description:

This project will involve a mixture of mechanical engineering and mathematical modeling. It will require research into leg or arm disability aides, including an understanding of their functionality and the engineering principles behind them. The theoretical aspects of the project will involve producing an adequate mathematical model of the aide to predict the potential benefits or improvements. The practical component of the project will involve construction, or modification of the disability aide.