Smart Wireless Cursor Control for Handicapped

Abstract:

The proposed project for smart wireless cursor control for handicapped people.

With the advent of the information era, there are ever-increasing demands for accessing computers and the internet. People even use computers for shopping and banking and it is expected that more household chores will be handled through computer operations. The proposed project provides hands free interface between computer and human. This technology is intended to replace the conventional computer screen pointing devices for the use of disabled or a new way to interact with mouse.

This technology is intended to be used by disabled people who face a lot of problems in communicating with fellow human beings. It will help them use their voluntary movements, like eyes and head movements: to control computers and communicate through customized software/ hardware. People with severe disabilities can also benefit from computer access and take part in recreational activities, use internet or play games. The proposed algorithm tracks the motion accurately to control the cursor, thus providing an alternative to computer mouse.

SHIELD TECHNOLOGIES,
2232, 3RD FLOOR, 16TH B CROSS,YELAHANKA NEW TOWN, BANGALORE-64
Mail us: shieldtechnoblr@gmail.com / manager@shieldtechno.com
Contact: 9972364704 / 8073744810