EYE MOUSE

A PROJECT REPORT

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ABSTRACT

One of mankind's most major senses is its eyesight. Eye is different from other body parts that make up the human sensor array. Fiction has had people operating things using sight rather than hands a long time ago, yet the technology hasn't developed into the mainstream as of yet. The major reasons seem to be the cost of the system with most applications of gaze tracking being for specialist fields.

The main objective of this paper is to make a paralysed person having good eye functioning to interact and work with computer in order to use it in an efficient way, in order to overcome his disabilities and communicate globally. Even day to day activities, like turning on/off the light, fan, moving from one room to the other, without the help of the other person is possible just through his eye blink, through a simple webcam using the stream of image processing in MATLAB software.

This paper is a project design presently under development as major project selected by KSCST.