

Abstract:

We are planning to make a bot, which moves on our gestures, it will also have some mechanism to hold objects (universal gripper sort for thing for handicapped people), . We will use image processing to control the bot using laptop.

Week0-learning image processing, referring to seniors and google circuit diagrams and working of the bot.

Week1-

search about components that will be used to make the bot, visit lamington road, prepare outline of circuits on paper.

Week2-

make the body of bot, and the circuits on pcb , motor arrangements and other mechanical stuff.

Week3-

assembly, testing, debugging, further innovations (like vacuum pump to clean dirt etc).

We have referred to the following link:

http://thesai.org/downloads/ijarai/volume2no5/paper_11-gesture_controlled_robot_using_image_processing.pdf