

Re: Robotic Vaccum Cleaner -- need help

Source: <http://sci.tech-archive.net/Archive/sci.electronics.design/2005-01/8696.html>

From: richard mullens (mullensdeletethis_at_ntlworld.com)

Date: 01/31/05

Date: Mon, 31 Jan 2005 03:52:56 GMT

ashwinurao@gmail.com wrote:

> hi,
> im doing my final year enginnering in computer science and have chosen
> to build a vaccum cleaner robot as a project.it carries marks so i need
> help from u guys all thru to get it done.plz do help this amateur in
> finishing this. i always love challenges and hence chose this topic.i
> stay in india,and here all such robotics stuff is considered to be
> hi-fi and we dont have any professors well versed in that field. it has
> to be completed within 3 months.i have a small budget(around \$100).i
> have no idea abt the availability of the various electronic parts you
> ppl discuss in different topics. i have a sound knowedge abt
> electronics and mechanical but a good c/c++ programmer.i have decided
> it to be a stepper motor driven robot with proximity sensors all
> around. it communicates with comp using fm and gets it command ,whether
> to move forward or back. i need help on topics like
> 1. c/c++ libraries supporting parallel port programming.
> 2. how do i turn the robot left/right(using axel attached to front
> wheels or other techniques)
> 3. wht type of ic's or controller to use for the stepper motor that i
> use to drive the robot, or is there any simple methods.
> 4. any tutorial(online) for building simple robots (easy way)
> thank a lot.
> Ashwin.
>

Try a google query like this for example:-

<http://groups.google.co.uk/groups?hl=en&lr=&q=stepper+motor&btnG=Search&meta=group%3Dsci.electronics.design>