

1. The title of your project
Exoskeletal supported /actuator driven prosthesis for paralytic patients.

2. your name/address/email
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3. Who do you think could join you [from other schools --eg chemical engineer, computer expert etc] in your research
Mechanical/electrical engineer, Computer programmers/ engineers
Anyone interested in Robotics

4. What is the objective
To design wearable exoskeletal support to give motion for paralysed limbs

5. Brief methodology/design
The number of patients with brachial plexus injuries is ever increasing in Malaysia. The surgical options available are limited and not very rewarding if not done early. An exoskeletal supported robotic appendage will be a viable option for activities of daily living and function

6. The outcome of the projects [ie the usefulness of the products]

The tech is still research level and not commercialized in Japan and Germany. I believe we will be competitive to develop the technology for regional dominance. Later on to develop a bio neural interface to connect and command the motion of robots.