



**Mr Lim Jiew Dong, 25, demonstrating how the powered wheelchair works. ST PHOTO: CHEW SENG KIM**

## Wheelchair helps elderly to stand

STUDENTS from Singapore Polytechnic have designed a wheelchair that can help seniors with weak legs to get on their feet.

At the push of a button, the battery-powered chair moves upward and straightens, easing the user into a standing position.

The wheelchair doubles as a washroom – seniors can relieve themselves into a commode below. They can also be given a shower while seated on it.

Mr Lim Jiew Dong, 25, Mr Muhammad Firdaus Omar, 21, and Miss Khine Zar Lin, 19, all final-year bioelectronics students, took about a year to design and produce the wheelchair. It will be refined further before it is given to Jamiyah Nursing Home.