Smart Garden CUHK

CUHK Smart Garden: An Innovative Teaching and Learning Platform for Renewable and Recycling Devices Development

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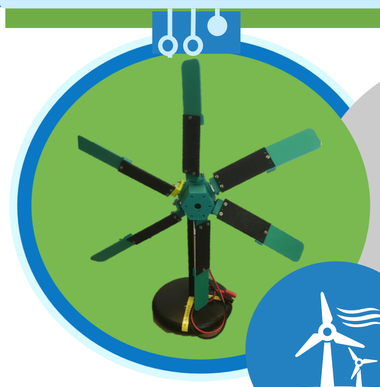
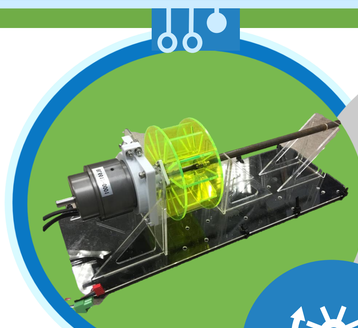
Renewable Energy Devices Development



Wind turbine with 3D printing materials.



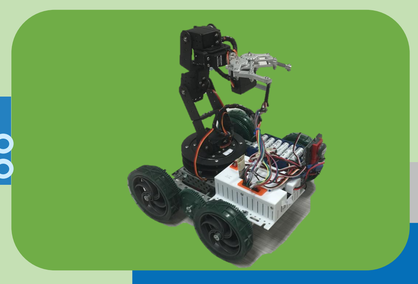
Hydropower generator and self-made water turbine.

Solar panel with hybrid multi-junction concentrator.

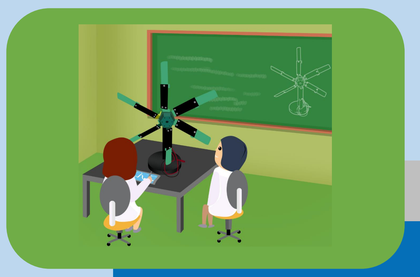
Key Features of the Platform

Irrigation system

Aquaponic tank



Robotic collector



Interest group

Lab sessions

Research

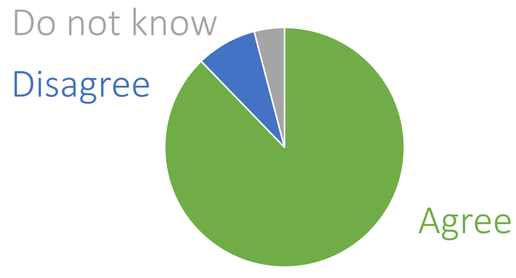
Feedback from Students

It was of great pleasure for me to learn and study at the Smart Garden.

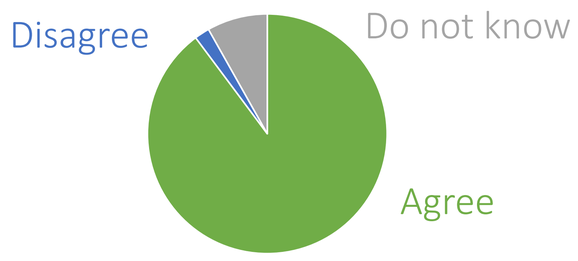
I found my learning quite easy with the help of the devices and facilities at the Smart Garden.

Life is much easier with the hands-on experience and practical exercises.

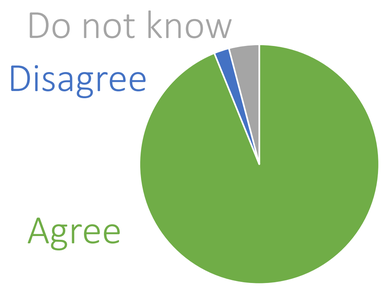
The Smart Garden gives me a valuable attitude toward a green society.



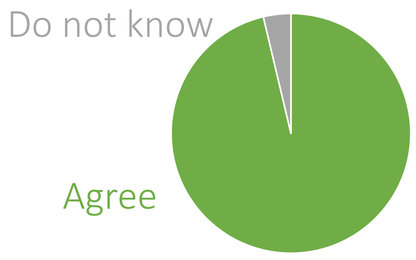
The Smart Garden helps me to understand the basic concepts in energy.



The Smart Garden provides an effective way to produce renewable devices.



The Smart Garden makes my study more interactive and interesting.



Overall, I like the learning experience based on the Smart Garden.

Acknowledgement

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