

# Multi-rotor Flying Machine Workshop

Organised by  
Nanyang Polytechnic/School of Engineering (Electronics) & DSO National Labs

Multi-rotor flyers are unique flying machines that are able to hover and move in any direction like a helicopter. This multi-rotor flyer course will cover the working principles, configuration and operation of a multi-rotor flyer. Course participants will be given the opportunity (weather permitting) to try their hand at flying a multi-rotor copter.

Course participants will be taught the working principles of multi-rotor systems, flight system principles, and remote control technology and safety aspects of the multi-rotor flyer. The course aims to give an understanding of vehicle dynamics and operation concepts that will be useful if they build and fly the multi-rotor flyer.

The course is organised as 3 half-day workshop sessions as follows:-

## Programme

Day / Date	Lesson / Activity
Wed 18 Jan 2012 2.00 to 5.00 pm	Flight System Principles Quad Rotor System
Wed 1 Feb 2012 2.00 to 5.00 pm	Remote Control Technology Safety Considerations
Wed 8 Feb 2012 2.00 to 5.00 pm	Flying of Multi Rotor Copter System

Venue: Nanyang Polytechnic School of Engineering (Electronics)

Registration & Contact person:

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