

# MERCon215 Workshop on Unmanned Aerial Vehicles

7<sup>th</sup> April 2015, 9:00am – 11:30am

Civil Engineering Complex, University of Moratuwa

## Content

The workshop teaches the design and development of small and medium sized unmanned aerial vehicles. Airframe design, Sensor system, Power and throttle system, Electronic control system, Ground control station, Video and telemetry systems will be briefly described with graphics and videos. A flight demonstration will be done at the end of the workshop.



## Target Audience

Postgraduate students in studying in the Field, Serious RC flying hobbyists, Academics, professional engineer in the relevant fields.

**Only 25 participants are accepted.**

## Registration

**Reg Fee is Rs. 1,000 (US\$ 80). Waived off**

Contact Jeewanthi 0711643568 for registration.

## Programme

Time	Event	Resource Person
09:00 - 09:15 am	Unmanned aerial vehicles and their applications	Mr. Senaka Samarasekara
09:15 - 09:45 am	Development of a small autonomous aerial vehicle	Mr. Anuruddha Thennakoon
09:45 - 10:15 am	Development of a medium scale Twin-Boom Aerial vehicle with autonomous flying capability	Mr. Chamika Gamage
10:15 - 10:30am	Tea Break	
10:30 - 10:45 am	UAV Research and Development	Prof. Rohan Munasinghe
10:45 – 11:30am	Flight Test	

