



AKORN is pleased to announce that through a special collaboration with

**ENGINEERS AUSTRALIA, Umow Lai
AND VICTORIA UNIVERSITY – School of Engineering & Science**

it is able to offer an opportunity to staff from your school to participate in the second 2012

Engineering Teachers @ Work Professional Development Program

- **Dates:** **Wednesday 27 and Thursday 28 – November 2013**
- **Venues:** **Wednesday - Victoria University** – School of Engineering & Science (Electrical Engineering) - Footscray Park Campus Bldg D
Session offered allowing teachers to walk away with a ready to go working product that they can take into their classroom the next day.
 - **A – First time participants** – Price includes a complete, single set of resources (hardware/software/student activities/documents and suppliers and pricing information) for a full semester elective in electronics or programming for years 9/10 based around the PICAXE microcontroller.
 - **B – Returning participants*** - Workshop the construction & programming of two robot vehicles: a short range radio controlled model and an ultrasonic rangefinder guided, obstacle avoiding car. Price includes one of the robots. Participants will also investigate supplier & cost options for implementing the activities in their classrooms. (*must have attended an “A” session in the past to participate in this session)
- **Thursday – Umow Lai** – Level 4 - 10 Yarra Street, South Yarra
Explore several disciplines of Engineering and their application in the ‘real’ world – including discussion on the necessity for sustainability in design and implementation.
- **Time:** 9:30 am – 4:00 pm Wednesday 9:30 am – 1:30 pm Thursday
- **Who:** Science/Engineering/Technical teachers who are interested in:
 - **Promoting student learning and development in Engineering**
 - **Providing a balance of theory and practice**
 - **Developing programs in line with AusVELS (Australian Curriculum) with an engineering focus**
 - **Joint planning**
- **Cost:** \$185 per person

Research confirms that **teachers** need both in-house and external **professional development** to enhance their capabilities. This curriculum-focused professional learning will explore some of the disciplines of Engineering and provide participants with knowledge, tools and suggested class activities to enable them to take Engineering into their classrooms in line with **AusVELS**.

Please register an expression of interest ASAP

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This program is supported by the Catholic Education Office-Melbourne.
Teachers from CEO schools will get recognition for this PD Course