

Politeknik Merlimau Cemerlang Di i-ENVEX 2012

i-ENVEX 2012 adalah pertandingan tahunan anjuran kerjasama antara ENVEX Young Reseacher Club (EYReC), Universiti Malaysia Perlis (UniMAP) dan Kementerian Pengajian Tinggi. Pada tahun ini, i-ENVEX dengan tema “Engineering for Society” berlangsung selama 3 hari iaitu pada 26-29 April di Kangar, Perlis. Pertandingan kali ini disertai oleh lebih dari 100 inventor dari 12 negara iaitu Malaysia, Indonesia, Korea, Egypt, UEA, Taiwan, Pilipina, Kemboja, Iraq, Jerman, United Kingdom dan Canada. Pertandingan yang berkonsepkan pameran dan di adili oleh beberapa juri dari pelbagai negara. Peserta terbahagi kepada beberapa kategori iaitu *Classed A: Agriculture & Enviromental and Renewable Energy, Classed B: Automotive, Transportation & Industrial Design, Classed C: Biotechnology, Health & Chemicals, Classed D: Building, Construction & Materials, Classed E: I.C.T, Multimedia & Telecommunications, Electricity & Electronic, Classed F: Manufacturing Process & Machines and Equipment, Classed G: Social Science.*

Penyertaan julung kali Politeknik Merlimau, Melaka telah menghantar dua penyertaan yang diwakili oleh pelajar dan pensyarah Jabatan Kejuruteraan Awam melalui dua projek yang dinamakan *Nutshell* dan *Smart Concrete Hands Tool* akhirnya memperoleh kemenangan utama iaitu menewaskan Negara-negara luar dengan memenangi ***Gold Medal - Nutshell, i-ENVEX Best Award Classed D (Building, Construction & Materials)- Nutshell dan Silver Medal – bagi projek Smart Concrete Hand Tool***

Penyampaian hadiah telah disampaikan oleh Brig. general Dato' Prof. Dr. Kamarudin Hussin, Naib Canselor UniMap yang turut dihadiri oleh YB Dato' Mukhriz Tun Dr Mahathir, Timbalan Menteri Perdagangan Antarabangsa dan Industri (MITI).

NUTSHELL 	<u>SUPERVISOR</u> 1. JULIAWATI BINTI JAMAON 2. AYU WIRDAWATI BINTI PO'A <u>STUDENT</u> 1. AMIRATUNADJUA BINTI ABU SAMAH 2. NORHAZILAH BINTI MEZAN 3. NUR ATIKAH BINTI MOHAMAD ALI	Nutshell is a product designed to bind safety nets on scaffolding. It is a product that provides an alternative option to the existing net attachment in the construction industry. The Nutshell attachment gun is produced by using the ordinary stapler gun concept whereby the clip can be shot to attach the net to the scaffolding post. The clips are designed based on the standard scaffolding size (50mm). The clip diameter is smaller, therefore it is easier to grip the scaffolding post.
SMART CONCRETE HANDS TOOLS 	<u>SUPERVISOR</u> 1. NOORHASLIZAH BINTI AHMAD ROSLI 2. SITI MARLINNA CHU BINTI MOHD RIZAL CHU <u>STUDENT</u> 1. SUHAILY BINTI MOHD 2. HASLINDA BINTI ZULFAHMI 3. MUHAMAD RIV'FAI BIN KETAREN 4. NORASYIKIN BINTI SALIM	Smart Concrete Hand Tools is a product that can be used to do concrete work such as plastering, bricks work and leveling the floor surface with one simple equipment. Workers can produce quality work, save time and prevents material wastage. By using Smart Concrete Hand Tools, it provide convenience because workers don't have to bring many tools to the site.