

PMM Rangkul Anugerah Emas dalam i-Envex 2013

22 April 2013, Politeknik Merlimau (PMM) berjaya merangkul Anugerah Emas dalam 'International Engineering Invention & Innovation Exhibition 2013' (i-ENVEX 2013) anjuran ENVEX *Young Researcher Club* (EYReC), Universiti Malaysia Perlis (UniMAP) dan Kementerian Pengajian Tinggi. Pertandingan telah berlangsung pada 16-19 April lalu di Universiti Malaysia Perlis, Kangar.

PMM yang diwakili oleh tiga orang pensyarah Jabatan Kejuruteraan Awam iaitu Ayu Wirdawati binti Po'a, Siti Marlinna Chu binti Mohd Rizal Chu dan Zamali bin Omar di samping tiga orang pelajar iaitu Ahmad Azman bin Abidin, Muhd Shazmin bin Muhd Zaki dan Mashitah binti Rosli. Mereka telah berjaya meyakinkan para juri menerusi projek rekaan mereka yang dinamakan 'Bending & Cutting Link Hand Tool' melayakkan menerima Anugerah Emas sekaligus mengekalkan kejuaraan i-Envex Best Award Classed D (Building, Construction & Materials) yang diperoleh pada tahun lalu.

Pertandingan ini adalah kejohanan peringkat antarabangsa yang melibatkan parapelajar di dalam bidang penyelidikan dan inovasi dengan disertai oleh tujuh buah Negara dengan penyertaan lebih 500 penyelidik muda dan 289 produk. Pertandingan terbahagi kepada beberapa kategori iaitu *Classed A: Agriculture & Environmental 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.*

Dua lagi penyertaan dari PMM telah memenangi Silver Medal melalui produk Pipe Expanded an Bronze Medal dengan produk dinamakan Orgamix. Antara pensyarah yang terlibat sama dalam projek tersebut adalah Rufaizal Bin Che Mamat, Abdull Sulaiman Bin Ismil, Mohd Fazli Bin Abd Rahman, Noradila Binti Mason dan Mohd Fazli Bin Abd Rahman.

Penyampaian hadiah telah diadakan di Dewan Kapitol, Kangar dan telah dirasmikan oleh Duli Yang Teramat Mulia Raja Muda Perlis Indera Kayangan Tuanku Syed Faizuddin Putra ibni DYMM Tuanku Syed Sirajuddin.



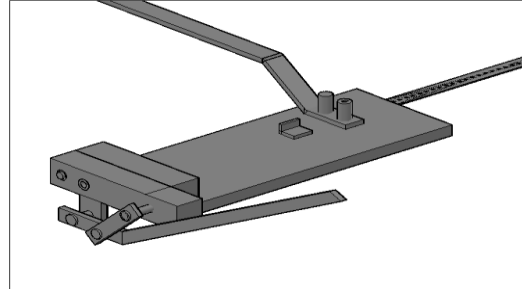




Bending & Cutting Link Hand tool

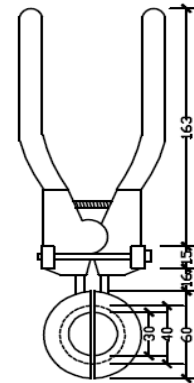
The product can be used in construction site to cut and bend mild steel reinforcement bar of linksthe size of 6mm to 8mm in diameter effectively:

- Three functionsfor measuring, bending and cutting in one product
- Bending degrees are adjustable
- Bending parts can be removed and reinstalled
- Cutting process is easier by action of pushing down the handle
- Safe, durable, portable and handy product



Pipe Expander

Pipe Expander is a new product is to solve and simplify the installation of pipes to a better and faster to solve and overcome problems faced by workers at construction according to the latest pipe sizes can be used easy and comfort and convenience on site. Existing pipes installed manually and is very difficult. In addition, if the pipe does not match this size would take too long for the pipe connection.



PLAN VIEW
SCALE 1:5

Orgamix

Mixture Organic (Orgamix) is a product designed to reduce odors emanating from the chicken waste. Mixture is made of organic materials consisting of coal, wood dust-wood shaving, coir palm, curry leaves and pandan leaves. This product does not require high costs because the materials used can be found all around us. This product used is very easy, its only placed under the chicken shed before the chicken put in the coop. During the cleaning process, the mixture organic not to remove, it just collect and dried under the sun for drying process.

