



Universiti Malaysia Pahang researcher Dr Mimi Sakinah Abd Munaim with the gold medal she won at the International Trade Fair-Ideas-Inventions-New Products in Germany recently. With her is vice-chancellor Prof Datuk Dr Daing Nasir (right) and deputy vice-chancellor (research and innovation) Prof Dr Rosli Mohd Yunus.

## Pahang university wins 4 awards for inventions

**KUANTAN:** Four Universiti Malaysia Pahang (UMP) researchers made their presence felt in the recent International Trade Fair-Ideas-Inventions-New Products (IENA) in Germany when they bagged four medals.

The competition, held at Nuremberg, Germany, saw the researchers winning a gold and three silver medals for their inventions.

The annually held IENA is a platform for researchers worldwide to exhibit their latest ideas and innovations.

This year, the event attracted more than 800 participants from 39 countries. Malaysia had sent 36 entries, including the four from UMP.

The gold medal was awarded to Dr Mimi Sakinah Abd Munaim for her effort titled "A Novel Enzymatic Membrane Reactor for the Production of Fructo-Oligosaccharides from Natural Coconut".

Her winning entry was an alternative sweetener from Fructo-Oligosaccharides, which contains a low calorie value to replace synthetic sugar for diabetic patients.

Two silver medals were awarded to Abdul Syukor Abd Razak for his innovation titled "The Potential of Empty Fruit Branch (EFB) as Natural Raw Material for Artificial Bait of Subterranean Termites:Pisoptera" and "Lestari: Utilising Natural Driven Process for Industrial Wastewater Treatment Toward an Environmental Friendly Sustainable Development".

The other silver medal went to Dr Zularisam Abd Wahid for his entry "A Novel Bio-Membrane Filter for Drinking Water Purification".

All the researchers are from the university's Civil Engineering and Natural Resources Faculty.

UMP vice-chancellor Prof

Datuk Dr Daing Nasir Ibrahim described the achievements by UMP researchers as not only an honour for the university but also an international recognition for Malaysia.

"I hope this would be a benchmark for UMP researchers to create more products to be commercialised," he said during an event to honour the researchers.

Nasir said UMP would continue to support its researchers in inventing more products to be commercialised in the future.

He said a team of UMP researchers would be leaving for Seoul to participate in a similar fair from Dec 11 to 15.

Present yesterday at the event were deputy vice-chancellor (research and innovation) Prof Dr Rosli Mohd Yunus and Civil Engineering and Natural Resources Faculty dean Prof Dr Inderis Zakaria.

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