

ITEX 2022

UMP wins 14 gold, 10 silver medals for innovative research tools

KUANTAN: An innovation to boost the extraction of agarwood oil was among the outstanding products that saw Universiti Malaysia Pahang (UMP) walk away with 14 gold medals at the International Invention, Innovation and Technology Exhibition (ITEX) 2022 at the Kuala Lumpur Convention Centre recently.

The product, called "Smart-Steady for Efficient Agarwood Essential Oil Extraction" by UMP Associate Professor Dr Saiful Anwar Che Ghani also saw him being presented with a special award for "Best Invention Universities and Educational Institutions".

Saiful Anwar, from UMP's Mechanical and Automotive Engineering Technology Faculty, said the idea was mooted when he was



Associate Professor Dr Saiful Anwar Che Ghani

participating in a series of studies to build agarwood-processing facilities for industrial needs with local and foreign agarwood entrepreneurs. "The 'Smart-Steady' product can be used to increase the yield of agarwood oil and also reduce production costs. The industry has a huge potential in Malaysia and will create job opportunities.

"The agarwood business can be turned into an industry. For ex-

ample, UMP's collaboration under the Bio Aromatic Research Centre with PIJ Agarwood, a Johor government subsidiary, is in the midst of completing an agarwood extraction facility."

UMP Vice-Chancellor Professor Datuk Dr Yuserrie Zainuddin lauded the researchers for their innovative ideas, which saw the campus winning 14 gold and 10 silver medals at ITEX.

ITEX, an annual exhibition that aims to cultivate the ability to think critically, saw the participation of researchers across Malaysia and from abroad. **By T.N. Alagesh**



Universiti Malaysia Pahang Vice-Chancellor Professor Datuk Dr Yuserrie Zainuddin (seated, centre) with the researchers who won at the International Invention, Innovation and Technology Exhibition 2022 recently. PIC COURTESY OF UMP

	SUBUH (am)	SYURUK	ZUHUR	ASAR (pm)	MAGHRIB	ISYAK
Melaka	5:49	7:03	1:13	4:38	7:19	8:34
Penang	5:51	7:04	1:20	4:46	7:32	8:48
K. Lumpur	5:50	7:02	1:15	4:40	7:24	8:39
Johor Baru	5:44	6:58	1:06	4:31	7:12	8:27
Kuantan	5:44	6:59	1:09	4:35	7:17	8:33
Ipoh	5:50	7:01	1:18	4:44	7:28	8:44