Research

# FTKPM Senior Project Showcase presents 146 research projects

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PEKAN, 21 June 2023 – Concerned with the community involved in drying fishery products has given the idea to two Universiti Malaysia Pahang (UMP) students to produce an innovative solar house dryer equipped with an additional heater in a research project titled “Go Green Dryer Prototype for Agriculture and Marine Product”.

The product was named the Best Project for Engineering Technology Senior Design Project (SDP) in the FTKPM Senior Project Showcase organised by the Faculty of Manufacturing and Mechatronics Engineering Technology (FTKPM) at the UMP Pekan Multipurpose Hall.

Mohammad Iqmal Haqim Mohd Najib, 24, and his friend Muhamad Hazman Shahrul Fadhilah, 24, were moved when their product captured the jury’s attention.

Mohammad Iqmal Haqim said the solar drying house was invented to help the community produce salted fish products easier and cleaner.

“This product is also equipped with an additional heater using only solar technology to help the drying process with good quality, even when it rains and at night,” he said.

He hoped that this innovation could help entrepreneurs of salted fish products to produce better quality salted fish.

Meanwhile, Sauntheri d/o Muniandy, 20 who won the Best Project award for Integrated Design Project (IDP) through the research project titled “Development of Multifunctional Car Cup Holder” also did not expect to win this award.

She said the innovation could provide convenience to vehicle users as a holder for cups or bottles in various sizes and can be used as a card and key holder.

The prizes were presented by the Deputy Dean (Academic and Student Affairs), FTKPM, Ts. Dr. Muhammed Nafis Osman Zahid.

In his speech, he expressed his gratitude and congratulations to the students who successfully exhibited 146 research projects.

“Some of these judges are UMP alumni appointed to evaluate student projects and they also have the opportunity to share their experiences.

“This programme can provide a new experience for students to prepare to participate in research exhibition competitions at a higher level.

“Therefore, this programme is implemented just like a real research competition so that students can gain experience in poster exhibitions, presentation techniques and others.

The programme, which was first conducted with courses involving Integrated Design Project, Final year Project and Engineering Technology Senior Design Project, also provided many advantages and benefits for students to continue to innovate.

More interestingly, the programme was also attended by students of Sekolah Menengah Kebangsaan Indera Shahbandar, Sekolah Menengah Kebangsaan Pekan, Sekolah Menengah Kebangsaan Sri Pekan, MRSM TAR Pekan and Sekolah Menengah Al-Irsyad.

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