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UITM PENANG ENGAGES IN STEM AND COMMUNITY KNOWLEDGE TRANSFER AT SMK POKOK SENJA THROUGH SULAM AND ACADEMIC MISSION EXHIBITIONS

By : Wan Salha Saidon, Norsabrina Sihab & Faridah Abdul Razak,

Kepala Batas, 2nd July 2024: In conjunction with the SMK Pokok Senja (SMKPS) STEM and Science Week, the Faculty of Electrical Engineering (PKE) from UiTM Penang was invited to participate in an exhibition held at the Angsana Hall of SMK Pokok Senja in Kepala Batas, Seberang Perai Utara. The two exhibitions centered around the Academic Mission and the 'Service-Learning Malaysia University for Society' (SULAM) Program.

SULAM

The SULAM program is a teaching and learning approach that integrates course objectives with community service, enabling students to engage with the community by applying their knowledge to solve local issues. Led by Assoc. Prof. Ts. Ir. Dr. Mohd Najib Mohd Hussain, the program involved six students from the "Engineer in Society" course, part of the Bachelor of Electrical and Electronic Engineering with Honors (CEE200) program. The SULAM program also forms a key component of the course's assessment, and the students showcased their course projects at the exhibition.



OBJECTIVE

The main objective of the SULAM program at SMKPS was to facilitate knowledge transfer, with university students sharing their expertise with the secondary school students of SMKPS through the skills and knowledge they have gained during their studies. Two key areas were highlighted in the program: 'Stand-Alone Solar Photovoltaic (PV) Systems' and 'Artificial Intelligence (AI): Machine Learning (ML).'

UITM PENANG ENGAGES IN STEM AND COMMUNITY KNOWLEDGE TRANSFER AT SMK POKOK SENA THROUGH SULAM AND ACADEMIC MISSION EXHIBITIONS

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MISI AKADEMIK

The Academic Mission unit, led by Dr. Siti Juliana Abu Bakar and supported by Dr. Zuraida Muhammad and Dr. Shabinar Abdul Hamid, was responsible for promoting the academic programs offered at PKE UiTM CPP and introducing secondary school students to the field of Electrical Engineering.



It is hoped that in the future, the Faculty of Electrical Engineering (PKE) at UiTM CPP will be able to offer more expertise to the local community. The participation of PKE students in this program has provided them with valuable new experiences. It is also anticipated that the students of SMK Pokok Sena will benefit and be inspired by the academic mission and knowledge-sharing activities conducted.

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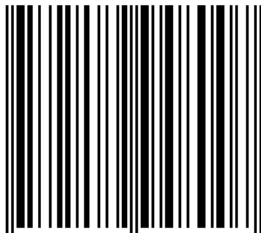
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