

Buletin FKA

PENGAJIAN KEJURUTERAAN AWAM

UNIVERSITI TEKNOLOGI MARA CAWANGAN PULAU PINANG

EDISI 2022



UNIVERSITI
TEKNOLOGI
MARA

Cawangan Pulau Pinang
Kampus Permatang Pauh

eISSN 2716-6325



9 772716 632004

Diterbitkan pada 15 Oktober 2023

Knowledge Transfer Program Bridges Gap Between Academia and Vocational Education Institutions

By: Muhammad Hafeez Bin Osman, Ahmad Syauqi Bin Md Hasan, Amir Khomeiny Bin Ruslan

In a bid to strengthen the relationship between academia and vocational education institutions, Pusat Pengajian Kejuruteraan Awam (PPKA) UiTM Cawangan Pulau Pinang conducted a knowledge transfer program with three Kolej Vokasional – Perai, Taiping, and Sri Iskandar. The program was officiated by Dr Hj Anas Ibrahim, the Ketua Pusat Pengajian Kejuruteraan, and saw participation from UiTM lecturers and KV lecturers.

The course included a wide range of vocational subjects, and the participants were engaged in various activities such as workshops, practical sessions, and group discussions to share their knowledge and expertise. During the course, the participants were given handouts or other materials to supplement their learning, and brainstorming sessions were conducted to generate new ideas and solutions related to the topics covered.



The program kicked off with Kolej Vokasional Perai on 4/10/2022, where the participants explored the Makmal Ukur by learning to use the theodolite and closed traverse methods. The talk by Muhammad Hafeez Bin Osman and practical session with UiTM Penang's experts provided invaluable experience to the 17 students and 3 lecturers from Perai.

To the students of KV Seberang Perai, let us strive to embody good virtues and make lasting connections for a lifetime of meaningful encounters

Next up was Kolej Vokasional Sri Iskandar on 5/10/2022 and 6/10/2022, where 17 students and 3 lecturers learned about Particle Size Distribution test, cube test, brick compression strength test, soundness of cement, and standard consistency of cement in the Makmal Struktur Berat. Additionally, they received guidance in the Makmal Ukur by Muhammad Hafeez Bin Osman and UiTM Penang's experts.



Teamwork and Tenacity: KV Seri Iskandar and UiTM Lecturers Unite for Knowledge Transfer



Finally, on 14/10/2022, Kolej Vokasional Taiping got their turn to benefit from the program, with 14 students and 4 lecturers exploring the Makmal Geotech and conducting plastic limit, liquid limit, and plastic index tests under the guidance of Dr Hj Anas Ibrahim. They also got hands-on experience with theodolite surveying with the help of UiTM Penang's experts.

**From Challenges to Triumph:
KV Taiping Students Forge
Ahead on the Path to Success**

All participating students expressed their enthusiasm and excitement for the program, noting the new and positive learning environment. The feedback from all parties – UiTM lecturers, KV lecturers, and students – was overwhelmingly positive. They expressed their eagerness to participate in similar programs in the future.



Take inspiration from Mr. Syauqi's unwavering spirit, KV Seberang Perai students, and soar to greater heights!



Heat Can't Beat Passion: Dedicated Teachers Deliver Knowledge Despite the Scorching Sun

The success of this program was made possible by the dedicated efforts of Ahmad Syauqi Bin Md Hasan, Muhammad Hafeez Bin Osman, Habibullah Bin Mahmud, Norzurina Binti Osman, Afifudin Bin Habulat, Mohd Khairul Azhar Bin Ismail, Ts Dr Mohd Ikmal Fazlan Bin Rozli@Rosli, Rohamezan Rohim, Dr. Anas Ibrahim, and Amir Khomeiny Bin Ruslan. Their contributions were invaluable in facilitating the program's success.

**Virtue and knowledge shall unite,
As the foremost guidance in life's fight,
With both we shall take flight,
Towards eternal success and delight.**



Motivational Magic: KPP Dr. Anas Inspires Students to Reach for the Stars

Overall, the knowledge transfer program was a resounding success, bridging the gap between academia and vocational education institutions and providing valuable learning experiences for all involved.