

E-NEWSLETTER



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Community Service Responsibility Collaboration Projects At Kg. Layang-Layang Kanan

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The Women Engineers (WE) Section organised a community service responsibility (CSR) collaboration project at Kampung Layang-Layang Kanan, Parit, Perak, on 15 January 2022. The village is located along Sungai Perak and is popular for its fish (ikan tilapia and patin) farming activities.

The half-day event was initiated by Universiti Teknologi PETRONAS (UTP) and supported by Universiti Teknologi MARA (UiTM) Shah Alam, Nilai University (NU), Negeri Sembilan and Universiti Teknologi Malaysia (UTM) Kuala Lumpur. Taking part were 49 volunteers (7 WE members, 10 academics and 32 students) and 150 participants. The event was officiated by YBhg. Parlimen Parit, Dato' Mohd Nizar Hj. Zakaria.

The collaboration project showcased several activities targeted at the various age groups, from adults to primary/secondary schoolchildren and kindergarten/pre-school children. These included bokashi composting, Jom Kenali Jurutera, Moh Bancuh Konkrit!, Sukaneka, Moh Main@Toy Library Box, Guna Air, Mentol Menyala, Sembang Keusahawanan and a gulai patin tempoyak cooking competition.

Jom Kenali Jurutera was designed for secondary school students. In this motivational talk, WE members described scopes and careers in the various engineering disciplines. At the end of the session, students took part in a pop quiz activity.

WE also organised Moh Bancuh Konkrit! which introduced the main construction concrete material to primary school students. The young students made an imprint of their hands on the fresh, hand-mix concrete which was later presented to them as a memento. It was hoped that this hands-on activity would spark the interest of the children in engineering field.

UTP organised the bokashi composting project and presented 30 bokashi bins to selected villagers. In this project, villagers learnt more about bokashi composting techniques which would help them make a sustainable living through green technology. Bokashi composting is an anaerobic process where food waste is fermented in an airtight container that isolates the waste from oxygen as much as possible. The liquid produced is a very nutritious "bokashi tea" that can be used as fertiliser.



Bokashi compost bins which were presented to the villagers

Volunteers from UTM and NU joined hands to conduct STEM activities such as Moh Main@Toy Box and other games for 30 preschool and kindergarten children. The first activity was a toy library session where the children were given STEM toys to play with. The next activity was colouring on sheets with images of the various careers that STEM offers. In the paper plane STEM challenge, the children were taught to make a paper airplane and then

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