

BUILDING LECTURERS' INNOVATION RECOGNISED IN 4TH INTERNATIONAL INNOVATION, DESIGN AND ARTICULATION (i-DeA™) PERLIS

FSPU once again is proud of its staff's recent achievement in an international innovation competition.

A team of creative lecturers from the Building Department led by Dr. Siti Akhtar Mahayuddin and supported by her counterparts, Mr. Wan Akmal Zahri Wan Zaharuddin, Dr. Ida Nianti Mohd Zin and Mdm Azira Ibrahim won a Bronze Medal in the recent 4th International Innovation, Design and Articulation (i-DeA™) in UiTM Perlis Branch on April 24-26, 2018.

The team's innovation project entitled '3D Visual Model for Building Quantities Take-off (3D-ViMO)' is a teaching and learning aid for building quantity course. Students are expected to utilise it by downloading the 3D visual model which consists of every building element involved in the building quantity course. This 3D-ViMO can facilitate them in visualizing the building elements that need to be quantified. In line with the emergence of the Industrial Revolution (IR) 4.0, the methods of teaching embrace the latest learning and teaching technologies. Hence, 3D-ViMO was proposed to replace the traditional method of learning with a more interactive approach involving 3D visual model and cooperative learning.

The team's first-hand experience of teaching this subject revealed a few issues with regard to students' understanding of the subject hence the solution proposed. The initial idea, to tackle students' interest in understanding building quantities elements, has come into fruition by winning the Bronze Medal in Crown Category although it was still at the development stage.

i-DeA™ is an annual event organised by UiTM Perlis Branch to promote the culture of research and innovation among local and international participants with this year's theme "Empowering Research, Innovation Idea and Entrepreneurship Towards Sustainable Economy". This is the 4th year since it first took place and is a platform for the investors, researchers and industries to share their creative ideas and products that have the potential to be commercialised.



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Sekian, terima kasih.

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Setuju.

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