



EVENTS by ACTIVE Researchers

Research Workshop

A research workshop for a collaborative project between FPTV and Universitas Negeri Padang (UNP) has been conducted at UNP campus on the 7th – 8th Feb 2017. The workshop was attended by Prof Dr Jailani Md Yunos, Prof Dr Maizam Alias, Dr Faizal Amin Nur Yunus and Dr Siti Nur Kamariah Rubani.



Focused Group Discussion on TVET Policy

The TVET players and experts from all over Malaysia gathered at Avery Hotel on the 24th Jan 2017 to discuss on the topic related to TVET definition and employability. The focused group discussion, which was attended by, to name a few, Prof Dr Wahid Razzaly, Prof Datuk Dr Harith Ahmad, and Prof Dato' Ir Dr Mohd Salleh Jaafar, was a productive and fruitful one. The outputs of the discussion are expected to serve as the primary source to formulate policy for TVET definition and employability.



Call for Proposal : 2nd Phase PPG Research Grant

The second phase of PPG Research Grant application is now open. Faculty members who are interested in applying the PPG Research Grant may submit the application form by the 30th April 2017. For more information, please contact Mr Luqman Hakim Bin Ismail via 07-4564033 or email: s0488@uthm.edu.my

RESEARCH by ACTIVE Researchers

Standard Model for Special Vocational Education Teacher

An RAGS research project, led by Dr Lee Ming Foong, has produced a Standard Model for Special Vocational Education Teacher. The Standard Model was developed based on rhetoric values that composed of Ethos, Pathos and Logos. A total of 298 respondents from Special Education Schools across Malaysia were invited to participate in the research. This model can be used as a referral model for special vocational education teachers to master the rhetoric approach in teaching in order to help students with special needs to explore knowledge effectively and to generate positive impact on student achievement.

**For further information, please contact:
Dr Lee Ming Foong , Email: mfllee@uthm.edu.my**

Human Cognitive Control Model For User Interaction Design

Dr D'oria has completed a FRGS research project that focused on developing a new approach to increase human decision making for users through human cognitive control model for user interface design through cognitive analysis. This new approach will help improve human performance and, at the same time, reduce human errors in the workplace. Additionally, the cognitive model criteria for interface design will compliment human cognitive theory especially in narrowing the gap between human and system. Besides, by using cognitive research analysis, results contribute to the richness of data collection process when the study involves human activity.

**For further information, please contact:
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Higher Order Thinking in Problem Solving

Thinking skill, as well as problem solving skill, are at the top of the 21st century skill list. Therefore, it is vital to equip university graduates with those skills through proper strategies. A FRGS research, led by Dr Yee Mei Heong, was conducted to develop a new approach that facilitates learners to acquire problem solving skill specifically in product development using three learning modules embedded with thinking style and higher order thinking skill (HOTS). The findings reveal that the three modules are effective in assisting learners to apply HOTS in problem solving tasks related to product development.

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