

Research is creating new knowledge

by Neil Armstrong



ACTIVE NEWSLETTER QUARTERLY

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EVENTS by ACTIVE Researchers

The 2nd National Research and Innovation Conference

ACTiVE is co-organising with Politeknik Kuching Sarawak a conference on research and innovation. The 2nd National Research and Innovation Conference (NRiCon2016) will be held on 14-15 September 2016. For further information and paper submission, please visit: nricon2016.wordpress.com/

International Matching Grants

Prof Dr Jailani Md Yunos managed to secure an international matching grant project with Universitas Pendidikan Indonesia. The research aims at comparing transversal skills among engineering students between Malaysia and Indonesia. A project kick-off meeting has been held on the 14th April 2016 at UPI, Bandung.



Symposium MTU-TVET

Symposium MTU-TVET, held on 1-2 Jun 2016, was jointly organised by Majlis Profesor Negara and UTHM. Some of the ACTiVE members have participated as organising committee in the program. A resolution pertaining to Higher TVET in MTU was produced in the symposium.

For further information and symposium materials, please visit: <http://fptv.uthm.edu.my/mtu-tvet/>



WoCTVET is coming back!!!

The 5th World Congress in TVET (WoCTVET2016) will be held on 1-2 Nov 16, at KSL Hotel, JB. For further information and paper submission, please visit:

<http://fptv.uthm.edu.my/woctvet2016/>

RESEARCH by ACTIVE Researchers

Education among Youth in Rural Area

Education is important for the development of the country, however, some people, especially the youth in rural area, have taken it for granted. In the light of this fact, a research project funded by Institute for Youth Research (IYRES) has been conducted by Dr Alias Masek and his team to look into the factors which hinder rural youth's participation in higher education and training.

*For further information, please contact Dr Alias Masek,
Email: aliasmasek@uthm.edu.my*

Education for Sustainable Development in Aboriginal Community

People around the world are aware of the situation that current economic development is not sustainable. Education is the principal driver that moves our society to sustainable development. It is important to note that aboriginal community is a part of our society that should not be left behind. A contract-grant research led by Prof Dr Jailani Md Yunos has been carried out to identify the key elements in education for sustainable development in Jakun tribe who live in Endau Rompin National Park. The research team has found out that social, economic and ecology education should be imparted to Jakun community in order to sustain development.

For further information, please contact Prof Dr Jailani Md Yunos, Email: jailani@uthm.edu.my

Putting PBL and EBL Together: Does It Work?

The positive effect of Problem Based Learning (PBL) is noticeable if and only if the learners have sufficient prior knowledge and problem solving skill to solve a given problem. For a novice learner who lacks prior knowledge and skill, Example-Based Learning (EBL) which provides problem solving guidance to the learner, is suitable to be implemented. A short-term research, funded by CAD, has been performed to investigate the impact of integrating EBL into PBL on learners' academic achievement and cognitive load. The research findings revealed that PBL and EBL have produced a effect on academic achievement.

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