

Innovative software system lands researcher major award from UNIMAS

on 09 July 2012.

KUCHING: His love for research work has led Dr Tay Kai Meng to develop a software system similar to the human mind.

The artificial intelligence called the fuzzy system is widely used in machine control and it has the advantage in which the solution to a problem can be cast in terms that human operators can understand, so that their experience can be used in the design of the controller.

This ultimately makes it easier to mechanise tasks that have been successfully performed by humans.

It is this idea that Tay was awarded the “Young Researcher Award” by Universiti Malaysia Sarawak (Unimas) during its Excellence Awards ceremony here yesterday.

“We are still working on this idea, although we have started on it two years ago. We strive to develop an alternative approach to make it user-friendly, especially for mathematical modelling where, once developed, it can be used in industries and universities,” said Tay, who has previously worked with several multinational firms such as Intel, Motorola and Panasonic.

Tay holds a doctorate degree in electric from University of Science Malaysia (USM). The researcher award was the second received by him since he joined Unimas in 2006. Last year, he won the “Best International Conference Paper Award”.

A total of 170 staff members were given awards for their excellent performance last year, while 42 received the “Loyalty Service Award”.

Among the awards presented were “Outstanding Online Course Award” and “Best Researcher Award”.

Unimas vice-chancellor Prof Datuk Dr Khairuddin Abdul Hamid said the commitment shown by the staff had enabled Unimas to be ranked among the top 170 universities in the Asian region.

The ranking, he added, was the best achievement among all the universities in the country. Unimas climbed 30 rungs to reach the top 170.

“People cannot take us for granted or simply ignore us anymore. “We deserve to be proud and celebrate our achievement,” he said.

During the ceremony, a coffee table book entitled A Plethora of Success was also launched.

The book is a pictorial compilation of various achievements of Unimas and its history.

Source : [thestar](#)