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Quality programmes with strong backing

ADVANCED Informatics School (UTM AIS) was previously known as the Centre for Advanced Software Engineering (CASE). Established in 1996 as a joint venture project between UTM and Université of Thales, France, CASE is a centre of excellence that lays emphasis on developing and promoting the best practices in software engineering and information security.

This year, through the UTM transformation process, CASE was rebranded as UTM AIS, a new school that promotes high quality and accredited postgraduate programmes and professional trainings.

UTM AIS first offered Master of Software Engineering in 1996 and in 2003 became the first institution in Malaysia to offer Master of Information Security.

Both programmes have undergone several quality reviews and assessments by both the academics and key industry representatives to ensure that they remain relevant to Malaysia's ICT industry allowing graduates to be fully equipped with the latest knowledge and be better prepared for the job market.

Previous members of the industrial board were representatives from Thomson Broadcast Media Solutions, MIMOS, Heitech Padu, Custommedia,

Motorola, Celcom, SIRIM, MDeC, Microsoft Malaysia, Maxis, MAMPU, INTAN, PDRM and MINDEF.

To further support its strength, UTM AIS established a highly synergised relationship with academicians and industries as both contribute ideas and commitment in the execution of the programmes.

For instance, the teaching team in UTM AIS consists of highly qualified academicians and key players of the industries including the CEO of CyberSecurity Malaysia, the CTO of Scan Associates, representatives from Sapura, officers from the Royal Police Force (PDRM)

and Heitech Padu Bhd.

UTM AIS is the only faculty which provides opportunities for master's and doctorate students to work in real world environments through their industrial training session. This allows the students to apply their in-class knowledge to real world problems. Students would also be able to fully appreciate their theoretical knowledge by experiencing firsthand the best practices of the industry.

Providing not only academic programmes but also executive and professional programmes, UTM AIS provides opportunities to a wider spectrum of potential candidates to pursue

higher-level education.

Through the promotion of lifelong learning, UTM AIS contributes towards the development of human capital for the nation's growth.

UTM AIS' alumni network not only covers Malaysia, but also other Asian countries, the Middle East and the African continent. As of this year, the alumni of UTM AIS consists of graduates from Malaysia, Indonesia, China, Iran, Iraq, Libya, Syria, Saudi Arabia, Nigeria, and Sudan among others.

Currently UTM AIS offers Master of Software Engineering (MSE), Master of Information Security (MISec), MSc (IT-Management), Doctor

of Software Engineering and Doctor of Philosophy degrees.

In order to expand its expertise, UTM AIS is on the move to explore and develop the Informatics field; the new niche growth area provides a lot of prospects for graduates and the nation.

Between next year and 2015, UTM AIS will introduce new programmes from all three domains which include MSE in Software Testing, MSE in Secure Software, MISec in Digital Forensic and MISec in Military Informatics, Master of Business Informatics (MBI), MBI in Healthcare, MBI in Hospitalities and MBI in Halal Industries.