

EXCELLENCE IN EDUCATION

Sunway 'white hats' keep systems safe

SUNWAY University Faculty of Science and Technology associate dean Associate Professor Dr Lau Sian Lun is one of the main masterminds behind the university's new BSc (Hons) Information Technology (Computer Networking and Security) programme.

The university is offering this new programme to enthusiasts in the field of computer networking and security.

It is designed to equip students with the skills and knowledge in forensic hacking and professional ethical hacking.

Cybercrime is on the rise with the increasing use of technology and the Internet. Information technology security positions, such as computer-hacking forensic investigators and eth-

ical hackers, also known as "white hats", have become the most in-demand expertise sought after by many industry players.

The former focuses on investigating computer hacking incidents to help law enforcement enforcers solve cybercrimes, while white hats are well-versed in preventing computer attacks and can help to discover vulnerabilities in the computer system of an organisation, especially those dealing with personal and sensitive data.

Lau believes as the position of chief information officers in companies and organisations begin to grow, so will the need for chief information security officers.

He says the programme is designed to meet the demands of the industry.

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Associate Professor Dr Lau Sian Lun

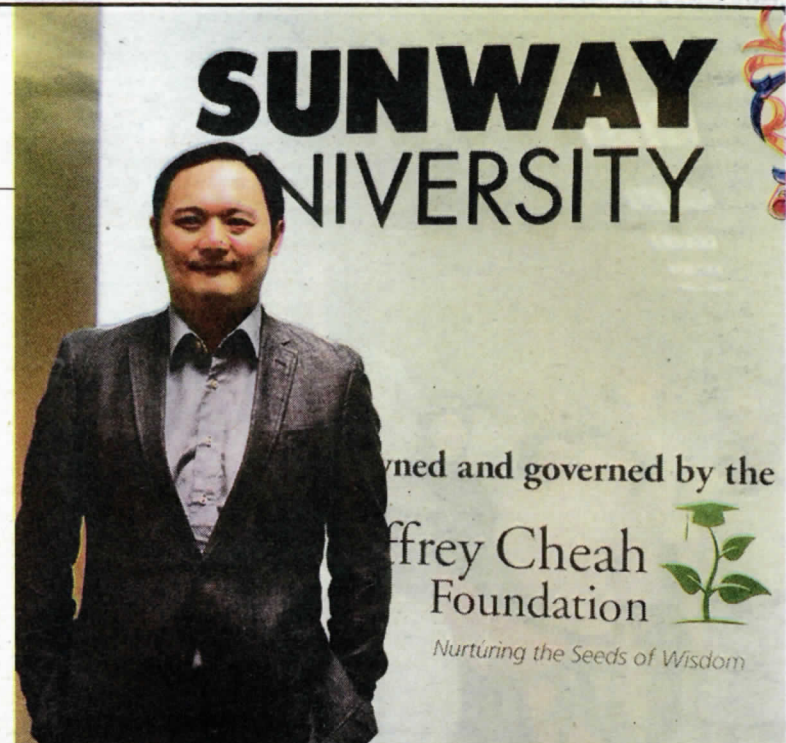
"Students of this programme will progressively discover and master the basics of information technology. After that, they will move on to further explore the technology behind computer networks and security systems."

Lau says this programme focuses on developments in networking and distributed applications, such as the Internet and the World Wide Web, corporate networks and the information systems that they interconnect with.

He says it also prepares students to take internationally-recognised professional certifications, including the Certified Ethical Hacker and Computer Hacking Forensic by The International Council of Electronic Commerce Consultants (EC-Council).

"These certifications are highly recommended by local and international institutions in enhancing students' learning and future employability."

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Sunway University Faculty of Science and Technology associate dean Associate Professor Dr Lau Sian Lun played a major role in developing the university's new BSc (Hons) Information Technology (Computer Networking and Security) programme.

In addition, the three-year programme is validated by Lancaster University in the United Kingdom, where its research in computer science is among the best in the world and is ranked 9th in the country.

Graduates of this programme will be receiving two scrolls from two prestigious universities — one from Sunway University and the other from Lancaster.

The Faculty of Science and Technology is constantly encouraging students to learn and develop their skills beyond the classroom.

Students are provided with ample opportunities and support to carry out

research collaborations with lecturers, undergo internship and to participate in competitions, such as hackathons, programming competitions and international innovation exhibitions.

In hackathons, particularly, students get the opportunity to work with other computer programmers intensively on software and hardware development.

The same teaching methodology will also be incorporated in the new programme to expose students to the real-world problems and challenges.

For information, please log on to <http://sunway.edu.my/university/FST> or email info@sunway.edu.my or call 03-7491 8622.

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