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# Broaden your horizons

**A**S our country gears towards achieving the aspiration of a high-income and competitive nation, the demand for ICT professionals with advanced skills and knowledge will be inevitably greater than before.

“Indeed, a tertiary qualification in ICT can definitely add value to any individual’s academic credentials. With computerised devices and tools being integral to modern living, high-speed communication networks and business dealings unconstrained by physical boundaries and time in this millennium, the need for individuals with skills and knowledge in ICT to configure, maintain or use the devices and tools effectively and efficiently will continue to expand,” says Associate Professor Dr Liew Soung Yue, Dean of Universiti Tunku Abdul Rahman (UTAR) Faculty of Information and Communication Technology (FICT).

UTAR currently offers bachelor’s honours degree programmes in the following ICT disciplines: computer science, business information systems, information systems engineering, computer engineering, communications and networking, applied mathematics with computing, and software engineering.

For working adults, part-time degree programmes in computer science and applied mathematics in computing are conducted in evening and weekend mode at UTAR’s Petaling Jaya campus.

For postgraduate

programmes in ICT, UTAR offers the Master of Computer Science, Master of Information Systems, Doctor of Philosophy (Computer Science) and Doctor of Philosophy (ICT).

Dr Liew emphasises, “All these programmes are carefully designed to expand and deepen the students’ knowledge as well as equipping them with research capabilities

and the necessary developmental skills in the areas of ICT. Our faculty strives to become a catalyst for the seeding and growth of information and communication technologies research with unique capabilities and contributions that can distinguish themselves from similar groups in other universities.”

The postgraduate programmes in ICT will lead to the application and commercialisation of research areas with the development of entrepreneurship abilities and the conceptualisation, design, implementation, and management of new ICT projects.

UTAR’s ICT programmes are conducted by the university’s highly dedicated and qualified lecturers who are involved in R&D, industrial collaborations, journal publications and conferences. The thriving research activities in UTAR are evidenced through the establishment of several ICT-focused research centres and research groups.

In addition, UTAR creates learning and research opportunities with research projects, seminars, conferences, both individually or

together with partners from the industry and other institutions.

An example of this is the symposium organised by UTAR, namely, the Symposium on Progress in Information and Communication Technology. UTAR researchers have also been awarded research grants from various agencies such as ScienceFund from the Ministry of Science, Technology and Innovation (MOSTI).

UTAR’s commitment to research in ICT yielded a positive result when UTAR received an award of recognition from MIMOS Berhad for its strategic effort in establishing the Centre of Excellence in Pattern Recognition and Machine Vision with MIMOS to promote research, development and commercialisation of software-based products.

For more information on ICT programmes or other programmes at UTAR, please visit [www.utar.edu.my/ipsr](http://www.utar.edu.my/ipsr) or email [postgrad@utar.edu.my](mailto:postgrad@utar.edu.my)



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