

Mastering green energy

Electrical engineers play a crucial role in almost everything that involves power, from power management and telecommunications to digital electronics and even artificial intelligence. Professionals in this field design, generate, test, and manage the production of electrical equipment. Very few disciplines within the information technology and manufacturing escape their contributions.

Now, given the greater global emphasis on 'green economy' to ensure the sustainability of the earth and its inhabitants, the demand for skilled manpower in the 'green' energy sector has reached a crucial point.

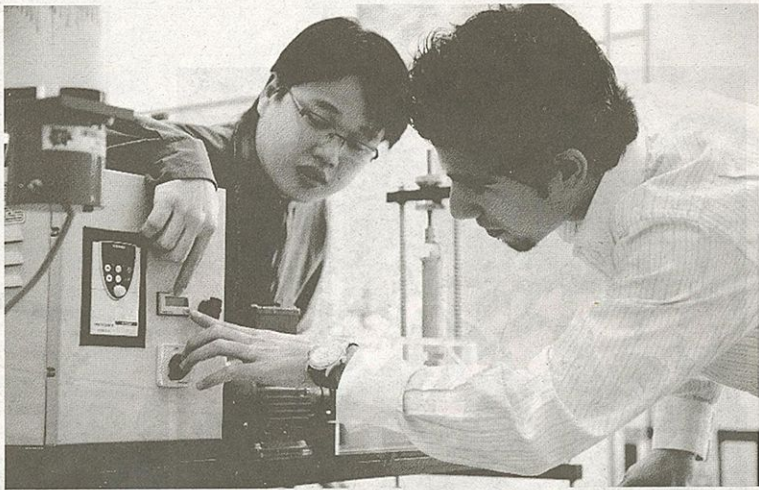
Electrical engineers are vital to the long-term stability of modern society because they oversee the generation and supply of power and their accompanying systems. To cater to this demand, UCSI University has developed the Master's of Science in Electrical Engineering programme. This programme is designed

to provide graduates with in-depth understanding of the concept and techniques of the specialised areas of electrical engineering to meet the growing demands of the energy industry.

Lecturers teaching this programme are all professionals from the industry and have vast experience in this field. Aside from the academic, graduate students will be able to gain current and future insights about the greening energy policies and develop strategic plans and systems towards energy conservation.

UCSI University also provides bridging courses for those without an electrical engineering background to pursue this postgraduate qualification. This will enable more interested undergraduates from a relevant field of engineering to pursue this programme. The programme is three semesters long and has intakes in January, May and September.

According to Dr Jimmy Mok, Dean of the Faculty of Engineering, Architecture



At UCSI, students are provided with stimulating experiences through various learning techniques.

and Built Environment, "Upon completion of this postgraduate degree, students would be able to demonstrate professional competencies in one or more specialisations, evaluate and make strategic decisions, employ a range of analytical techniques to solve problems and be equipped with communication skills to interact with various levels within and without

the organisation they work for. Graduates from this programme would also be able to effectively convert theory and concepts into practice, and understand the relationships between the various functions of an organisation and the industry they are in."

The postgraduate programmes at UCSI University provide students with relevant, interesting and stimulating

experiences via a variety of innovative teaching and learning techniques. The dynamic learning process involves various methodological and pedagogical practices including lectures, team-based approach, active learning, individual research projects, guest speaker sessions, presentations, and seminars. The small class size further contributes

towards creating a collaborative and highly interpersonal environment for excellent student interaction and dialogues.

To find out more about the engineering and postgraduate programmes, visit UCSI University's open days from 20 to 21 Mar 2010 (10am - 5pm). Alternatively, you can log on to their website at www.ucsi.edu.my