Industry based MICTM programme for future leaders

One of many AeU's innovative programmes designed to meet the relevance of the current and future market needs, is the Master of Information and Communication Technology Management (MICTM)programme for candidates aspiring to be in management or leadership position in their organisation.

AeU's Master in ICT Management: Delivering Management Value through IT

Developed in close consultation with the market leaders of ICT industry, the Master in ICT Management (MICTM) features a unique blend of academic and industry content. Offered by the School of Information & Communication Technology (SICT) of AeU, the course is designed for information technology (IT) professionals seeking to move into management positions within the industry.MICTM is an innovative and intensive programme which will help you understand, conceptualise and manage the interaction and interdependency between advances in information technologies, management practice and organisational change. Its main objective is to develop hybrid skills and to foster improved management of information systems and information technology resources.

MICTM offers an innovative curriculum that employs a real-world problem-solving approach and an outstanding faculty dedicated to teaching and bringing the corporate perspective into the classroom. Featuring an executive format, the programme allows working professionals from a wide range of industries and functional areas of expertise to remain on the job while completing their degree. Other than that, the programme focuses on the development, management and use of information technologies within and between organisations. It will give you both analytical knowledge and practical skills for managing and analysing information technology and IT-induced change. It concentrates on key areas in business management which includes change management from the perspective of information systems.

The MICTM programme's core modules provide an advanced grounding in key areas such as ICT Management, Cyber Laws, ICT Entrepreneurship, Network Management, ICT Project Management, Information Security Management, ICT Strategic Planning, ICT Governance, System analysis, Design & Development. Students have to choose one of the six specializations; Project Management, Information Security, Open Source Computing, Knowledge Management, ICT Entrepreneurship and Business Continuity Management. Besides the core subjects, students have to pass a project paper in order for them to be graduated.

Estimated completion of study up to 2 years, the programme can be completed fully online, or through blended learning study mode. Its curriculum is taught by accomplished practitioners who possess significant management expertise and in-depth knowledge of the latest innovations in information technology.

"This programme is the perfect platform to hone my skills leadership role in the IT industry. Along with exposure to details in management and business processes behind the industry, MICTM provides an un- paralleled, interactive learning experience and excellent industry interaction and outstanding instructors and academic facilitators," says IewanMahfuzh Bin MohamadAyob, MICTM student at AeU

Master in ICT Management Learning Outcomes

Evidently, IT supports the development of a wide range of applications and businesses which are essential to the various fields in the industry. MICTM is the only one of its kind that bridges between technical, business and management knowledge, suitable for graduates from technical and non-technical backgrounds such as engineering, information technology, information system, business and management.

Upon the completion of this programme, a student will be able to perform various ICT including technical administrative skills, including the ability to apply a range of techniques for data modelling and information management to support IT/IS; manage to propose a range of systematic approaches to develop and manage computing and IT systems; understand the need for effective management of change within an organization; able to perform strategic planning for IT/IS to achieve business objectives; analyse a practical IT/IS problem and use appropriate channels to disseminate the findings.; and contribute to the financial management of an organisation.

Career Opportunities

The MICTM is a unique program that provides you with strong business leadership skills and comprehensive knowledge of information technologies that can enable an organization to improve its marketplace performance. With a focus on the alignment and the integration of management information systems and technology with key business strategies, the programme provides you the competitive advantage of understanding organizations as complex systems with a shared vision.

The managerial posts of ICT encompasses various jobs in many sectors and industries ranging from education, banking, corporate, telecommunication, printing, film/animation, broadcasting and advertising. This programme equips graduates to embrace leadership roles in ICT department and tech-savvy companies as senior ranked ICT positions such as ICT/IT Manager or Director, Chief Technology Officer (CTO), Chief Information Officer (CIO) as well as Chief Operating Officer (COO) or even Chief Executive Officer (CEO).