



## OVERVIEW

The Faculty of Civil Engineering, affectionately known as FKA (Fakulti Kejuruteraan Awam), is one of the largest faculty in the region, and also the largest producer of civil engineers in Malaysia. FKA started as a Department of the Faculty of Engineering in 1972, and became a Faculty in 1975. Later in 1989, the faculty was then moved to Skudai, Johor. During its initial formation, four academic departments at the faculty representing the main branches of civil engineering, namely the Structures and Materials Department, the Hydraulics and Hydrology Department, the Geotechnics and Transportation Department and the Environmental Engineering Department were set up in 1976. Apart from these departments, the faculty houses 4 Centres of Excellence to coordinate and optimise the vast expertise available in the faculty. These centres are the Coastal and Offshore Engineering Institute (COEI), Steel Technology Centre (STC), Construction Technology and Management Centre (CTMC), Institute of Environmental and Water Resources Management (IPASA). In addition, 4 management units were then formed to provide services and support to the aforementioned departments and centres. The units are the Information Technology Unit (ITUCE), the Professional Consultancy Group (KPP), the Surveying Unit and the Civil Engineering Testing Unit (CETU).

FKA has progressed rapidly in terms of facilities and infrastructure, both physical and staff development. The facilities available in the Faculty are up-to-date and at par, if not better, than other institutions of higher learning. FKA has a clear vision,

mission and strategic plan to move forward. With 162 academic staff, supported by 97 technicians and administration staff, the faculty serves 1,249 undergraduates, 500 postgraduates and 500 part-time undergraduate students. In 2010, FKA has produced 1254 undergraduate students and 861 post graduate students. Until today, we are still standing tall and proud to be the largest contributor of quality civil engineering graduates to the nation. This is evident from the finding of a Traceability Survey conducted by the Ministry of Higher Education Malaysia (MoHE) in 2008, where the outcome indicated that FKA graduates were highly sought after by stakeholders, as 90% of them were employed within 6 months after graduation, and this was then the highest employability rate of any Civil Engineering graduates in Malaysia.

Furthermore, a number of FKA staff has been recognized at national and international level for their scholarly work and research in their fields. The recognition includes awards from many competitions or exhibitions such as the Petronas Invention Medal Award, Mindex/Innatex, UTM Researcher of the year award, ITEX, Geneva International Exhibition of Invention, WEPO and INPEX. Several products invented by FKA researchers have been commercialized, such as the sine-slab and the artificial sea grass for coastal protection, the F-R concrete, and the mobile interlocking block machine.

As a faculty, FKA has also been acknowledged as one of the leading faculty in UTM. In the year 2000, FKA was the first faculty of civil engineering in Malaysia to obtain ISO 9002 and ISO 9001 : 2008 certification in the year 2009 for its undergraduate academic management. FKA was the recipient of the Vice Chancellor Quality Award in 2001 and 2009, UTM's Information Technology Award in 2002 and 2008, and Creativity and Innovation Award in 2004. With such achievements, there is no doubt that FKA is on the right track to becoming one of the leading teaching and research faculty in Malaysia if not the region .



2009 Citra Karisma Award Recipient

