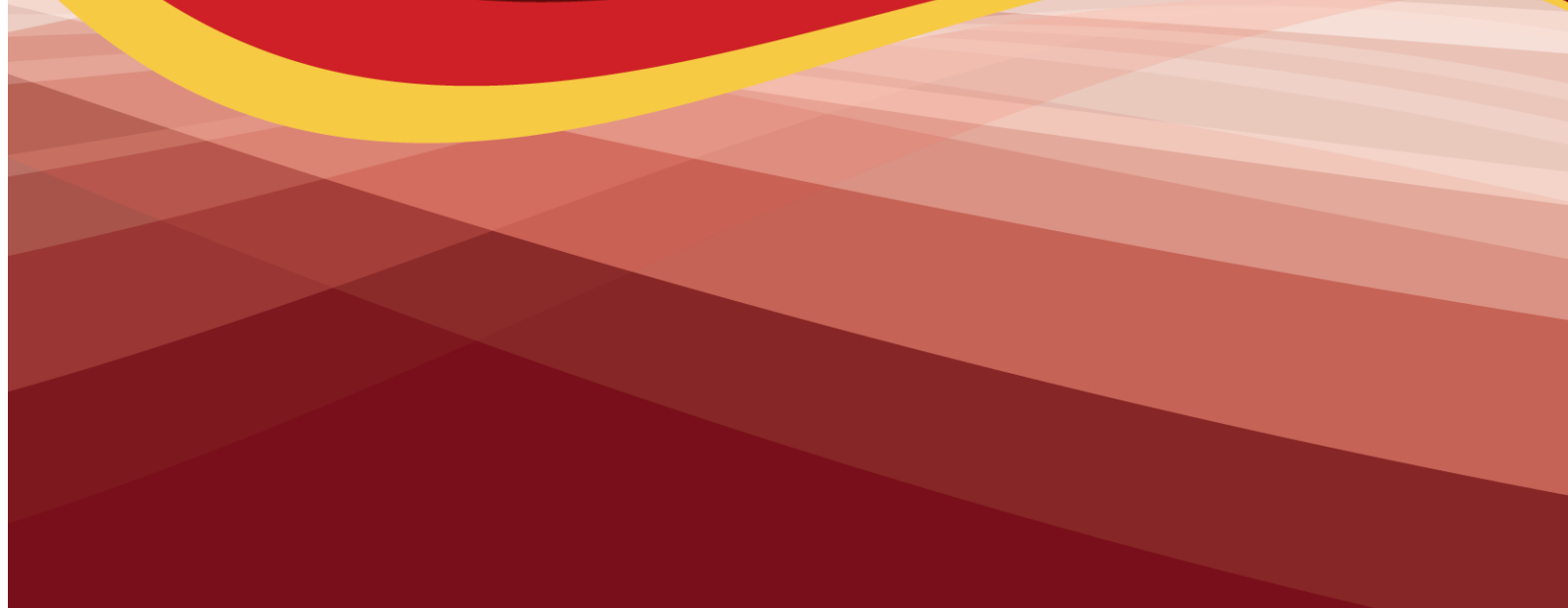# *Department*
REPORT
Annual Report 2009

Information Technology Unit

The Information Technology Unit of Civil Engineering (ITUCE) was founded in 1997 with the mission of enhancing the capability of civil engineers in solving civil engineering problems through applications of information technology. As an academic entity, the main focus is in four major categories, including Teaching, Research, Consultancy and Publication.

In order to fulfil the mission, ITUCE offered three core subjects and two optional subjects for the undergraduate programme while for the postgraduate programme, two optional subjects are offered. In 2009 ITUCE received excellent feedback in teaching by achieving a minimum of 4.5 over 5.0 in the e-pp evaluation for its lecturers. The excellence in teaching is further proven by completing the teaching records for all courses and the progress of input in e-learning is 100% for L1 and 70% for L2. High level facilities in teaching include computer laboratories and engineering soft wares for students to enhance their IT skills in civil engineering

ITUCE is also actively involved in research especially in the application of Information Technology tools to civil engineering problems. IBS, Earthquake, Database management system and Vibration based damage detection are the major fields that have been explored. In 2009, ITUCE has been awarded a total of RM290,000.00 grant for research and innovation works. In publication, ITUCE staff have produced 6 international conference papers and 3 international journal papers. Moreover, ITUCE staff are also actively involved as reviewers for International journals.

ITUCE staffs are also active in consultancy. In 2009 ITUCE is able to complete four projects worth RM65,000. One of the successful contributions to the faculty is establishing an online ISO9001 system. Apart from that, ITUCE also provides IT services for the faculty ranging from computer maintenance, website development to system development.