

Centres Of **EXCELLENCE**

Annual Report 2009



Construction Technology And Management Centre (CTMC)



CTMC was established in 1999 with the aim to stimulate and facilitate the research and post graduate programmes related to the construction and management related areas. CTMC conducts technological research and consultancy for organisations with particular construction concerns and specialises in continuing education, courses, workshops and conferences in construction. The main activities in CTMC are publications, conference proceedings, book publication, research, consultancy and post graduate programmes.

Publication has been an important activity for the centre which involves international and local journal and conference proceedings. The papers are published in the International Journal of Construction for Developing Countries, Malaysian Construction Research Journal (MCRJ), Journal of Asian Architecture and Building Engineering and the Malaysian Journal of Civil Engineering (MJCE).

Some of the papers are published in conference proceedings such as the National Postgraduate Conference on Engineering, Science & Technology, University Technology of Petronas 7th Asia Pacific Structural Engineering and Construction Conference (APSEC) Conference on Building Science and Engineering (ICON-BSE),

Apart from publication, CTMC also focuses on book publication. The book, "Sistem Fast-Track Wall" (FTW), was eventually published by the UTM Press.

CTMC is very committed in engaging any research works directly related to the development construction industry. The centre strives to secure grants from various agencies such as MOSTI, FRGS and CIDB. A total number of six research projects was carried out with a total cost of RM1,728,400. The project is funded mostly by FRGS and Science Fund.





Another important activity carried out by CTMC includes consultation works in construction related areas. Works that had been completed in 2009 are, “Traffic segregation project at grade intersection Pandah Indah MRR II Kuala Lumpur” and “Laboratory testing and analysis on rock core samples” amounting to a total of RM67,140.00.

CTMC is also very well known for managing post graduate programme since its inception. These programmes are related to construction technology and management areas and are very popular among construction professionals throughout the nation. The programme is conducted at Master and Doctorate level. The Master in Project Management Programme is a special program originally developed by CTMC with JKR as one of the efforts to train JKR engineers to be more whole some in their management approach. In 2009 this programme had 42 students. In future this programme will be offered to other candidates as well. The implementation of this programme has made successful partnership between CTMC and IBS. This is another unique post-graduate programme offered by CTMC to all professionals in the construction industry. The programme consists of taught modules and research modules. The research done in Engineering Doctorate programme aims to provide solutions to resolve issues faced in the construction industry currently. In 2009 CTMC had 13 candidates doing research under this programme.

