



Buletin FKA

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Workshop on Recent Advances in Concrete Testing and Repair Technology

By: Ir. Dr. Ng Kok Shien

Faculty of Civil Engineering (FCE), UiTM Cawangan Pulau Pinang in collaboration with RNC Repair Specialist Sdn Bhd had successfully conducted a two-and-a-half-day workshop on Recent Advances in Concrete Testing and Repair Technology from 17 until 19 February 2020. The workshop aimed to provide a platform for the dissemination of information in relation to recent advances in concrete testing, repair, protection and maintenance. This workshop had attracted 27 participants from construction industry comprised mainly of consultants, authorities, contractors and suppliers.



The knowledge was transferred through lectures given by invited speakers and hands-on in the laboratory session. There were six invited speakers who shared their knowledge and experience in this workshop. Three of them are UiTM lecturers, namely Assoc. Prof. Dr. Noorsuhada Md Nor, Assoc. Prof. Dr. Kay Dora Abd Ghani and Dr. Muhd Norhasri Muhd Sidek. Another 3 speakers invited from the industry are Ir. Parnam Singh from RNC, Mr. Kam Kim Ang from Control Synergy and Ir. Ng Kok Seng, former director of division in JPS.

During hands-on sessions at concrete laboratory, participants were given chance to familiarize with current concrete testing equipment and new generation repair technology which include compressive strength test, covermeter measurement, coring test, rebound hammer, ultrasonic pulse velocity test, windsor probe, half-cell potential measurement, carbonation test, cathode protection, protective coating, etc. From the feedback of participants, they found the workshop to be interactive and beneficial especially the hands-on sections.

