



CHINA HONG KONG RAILWAY INSTITUTION

P.O. Box No. 626 Shatin Central Post Office

Fax : 2947 7001

Web Site : www.chkri.hk

18th June 2013

Jun Function: Indian Metro Rail Scenario and Challenges of Chennai Metro Rail Project

Date: Wednesday 26th Jun 2013

Time: 6:30 pm to 7:30 pm

Venue: Theatre, 2/F, Fo Tan Railway House

India has shown growth in the recent years accompanied by rapid urbanisation. Delhi Metro, India's first modern metro, commenced in 1998, consists of 190km route length, and will have 420km by 2020. All mega cities of India, Mumbai, Kolkatta, Chennai, Bangalore and Hyderabad are presently building metro rail. 10 second tier cities with population of over 2million is either building or planning a metro rail.

Chennai is the fourth largest city in India, building its first metro with two corridors with a route length of 47km, of which nearly 50% is underground. The project faces many challenges including narrow roads, traffic diversion of major arterial roads at the same time, mixed ground conditions high water table; and tunnel traversing below the river, below existing railway tracks, below occupied buildings, and crossing domestic water wells.

Guest Speaker

M Ramanathan BEng, MEng, CEng(UK), MICE, MStructE, MHKIE, RPE(HK).

Mr Ramanathan is an associate director of AECOM, presently working in the Chennai Metro Rail Project as the Chief Engineer (Cut & Cover Structures). Rama has had experience in design, construction supervision, and contract administration associated with metro rail and large-scale building works. Rama has been extensively involved in the detailed design and construction support of West Rail and LOHAS Park, and preliminary design of Shatin Central Link, South Island Line, and West Island Line. Rama has completed a study on design rework commissioned by the City University of Hong Kong as a Part-time Research Assistant. He has also published several technical papers

For registration, each participant has to confirm to CHKRI his/her name, employer and contact telephone number. Please provide your membership number and grade at the same time when returning your application by e-mail to secretary@chkri.hk on or before **24th Jun 2013**.

Anthony Tong
Secretary, CHKRI

Email to: secretary@chkri.hk

