

PHYSICAL TALK ON IEM & ITS ENGINEERING DISCIPLINES SPECIALISING IN CIVIL ENGINEERING & ROAD SAFETY AUDITS

BEM Approved CDP: 2 Hours
Ref. No.: IEM26/HQ/175/T

Jointly Organised by:
Highway and Transportation Engineering Technical Division (HTETD) & Safety in Engineering Special Interest Group (SESIG)
In collaboration with Institution of Civil Engineers (ICE)



Registration fee
Student Member: Free
IEM Member: RM15.00
Non-Member: RM70.00

Synopsis:

This talk will introduce all students and young engineers to the major engineering disciplines in Malaysia and the functions of IEM and the Board of Engineers (BEM). It will then focus on Civil Engineering and its various disciplines, such as Structural, Infrastructure, Soil Engineering, Environmental Engineering, Road & Highway, Traffic and finally Road Safety Audits or RSA.

With so many road accidents reported in the media, ranging from cars and buses crashing into road barriers to accidents during construction and the ever increasing number of vehicles on the road, it is imperative that more emphasis on road safety be incorporated in all road engineering designs.

Road safety is now given much priority in road planning, design and construction and presently, there is a discipline in BEM called "Civil RSA". Hence, RSA is an opportunity in a young engineer's career as presently, there are less than maybe 70 accredited Road Safety Auditors in Malaysia, especially in Sabah and Sarawak. The goal of the RSA is to ensure that all road projects and existing roads are capable of providing the highest practicable standard of road safety for all road users.



Ir. Richard Wong

Ir. Richard Wong graduated from Monash University, Melbourne in 1984 and is presently the Principal of RW Consultancy, a civil engineering consultancy firm that he founded in 2005. He is a Professional Engineer with Practising Certificate and has some 40 years experience in the engineering profession. He has worked in both overseas and local projects and his key experience extends to Road Safety Audits (RSA), road and interchange designs, traffic light designs, traffic and transportation engineering, traffic impact assessments, traffic studies and project management. Ir. Richard is a Road Safety Auditor accredited by Jabatan Kerja Raya (JKR), Malaysia and BEM. Ir. Richard is a Past-Chairman of the Highway and Transportation Engineering Division of the Institution of Engineers, Malaysia (IEM).

Ir. Richard has conducted several RSA talks, courses and seminars for IEM in Petaling Jaya, Johor Bahru, Penang, K. Kinabalu and Miri; and also MIROS and DBKL. He has also attended several road safety courses and seminars including a Road Safety Engineering Workshop by Vic Roads in Melbourne, Australia.



Date: 20 May 2026
Time: 6.00 pm - 8.00 pm



DK1 Hall, Department of Civil Engineering
University of Malaya

