

**Mechanical Engineering Technical Division**

The Institution of Engineers, Malaysia

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Email: [norfarehan@iem.org.my](mailto:norfarehan@iem.org.my)Website: [www.myiem.org.my](http://www.myiem.org.my)**REGISTRATION (TWO-DAY COURSE ON "VERTICAL TRANSPORTATION SYSTEMS")**

Name(s)	IEM M'ship No. /Grade	Fees (RM)
SUB TOTAL		
ADD GST @ 6%		
<b>TOTAL PAYABLE</b>		

Company: \_\_\_\_\_

Address: \_\_\_\_\_

Mobile: \_\_\_\_\_ Tel(O): \_\_\_\_\_ Fax: \_\_\_\_\_

E-mail: \_\_\_\_\_

(Please write clearly as the "Confirmation Notification" will be sent via email)

Contact Person: \_\_\_\_\_ Designation: \_\_\_\_\_

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

**PAYMENT DETAILS** Cash RM \_\_\_\_\_
 Cheque no. \_\_\_\_\_ for the amount of RM \_\_\_\_\_  
 (non-refundable) and made payable to "THE INSTITUTION OF ENGINEERS, MALAYSIA"  
 and crossed 'A/C Payee Only'.
**Terms & Conditions:**

- For ONLINE REGISTRATIONS, only ONLINE PAYMENT is applicable [via Credit Card]
- Payment via CASH / CHEQUE / BANK-IN TRANSMISSION / BANK DRAFT / MONEY ORDER / POSTAL ORDER / LO / WALK -IN will be considered as NORMAL REGISTRATION
- For online registrations, please note that **payment MUST be made on registration.**
- FULL PAYMENT** must be settled before commencement of the course, otherwise participants will not be allowed to enter the hall. If a place is reserved and the intended participants fail to attend the course, the fee is to be settled in full. If the participant failed to attend the course, the fee paid is non refundable. Registration fee includes lecture notes, refreshment and lunches.
- The Organising Committee reserves the right to cancel, alter, or change the program due to unforeseen circumstances. Every effort will be made to inform the registered participants of any changes. In view of the limited places available, intending participants are advised to send their registrations as early as possible so as to avoid disappointment.



Organised by:  
 Mechanical Engineering Technical Division,  
 The Institution of Engineers, Malaysia

## Two-Day Course on "VERTICAL TRANSPORTATION SYSTEMS"

**Speaker**

Mr. Raghil Fasih Azmi, Grad IEM

**Date**

7 & 8 September 2016 (Wednesday & Thursday)  
 9.00am - 5.30pm

**Venue**

C&S and TUS Lecture Room, 2<sup>nd</sup> Floor,  
 Wisma IEM, Petaling Jaya, Selangor Darul Ehsan

**REGISTRATION FEES (GST NOT INCLUDED)**

Grade	Online Fee	Normal Fee
IEM Student Member	RM 250.00	RM 280.00
IEM Graduate Member	RM 500.00	RM 600.00
Corporate Member	RM 800.00	RM 900.00
Non IEM Member	RM 1100.00	RM 1200.00

**Closing Date: 1<sup>st</sup> September 2016**

**BEM Approved CPD/PDP Hours: 13**  
 Ref. No: IEM16/HQ/295/C

**GST is implemented**  
 effective 1 April 2015

## SYNOPSIS

This course will enable participants to get a more systematic understanding of vertical transportation system (VTS) from design, build and manage perspective. The importance of looking at VTS from holistic angle begins with an understanding of the legislative requirements in Malaysia. This will be followed by an overview of the various types of elevators and escalators. The concept of Traffic Analysis will be explained as well as its relevance in particular building segments. The key considerations in planning and design will be expanded on. Next will be the challenges of VTS installation, testing and commissioning works. In the final segment the importance of proper service and maintenance will be addressed as well as the legal obligations of Owners of VTS.

## COURSE OBJECTIVE

The objective of this course is to give participants holistic understanding of the vertical transportation system (VTS):

- \* legislative, standards and code requirements.
- \* various components and functions of elevator and escalator systems.
- \* importance of traffic analysis in certain building segments.
- \* selecting and specifying VTS.
- \* appreciating challenges of installation, testing and commissioning.
- \* designing system for maintainability.
- \* monitoring, servicing and maintenance

## WHO SHOULD ATTEND?

- \* Building owners
- \* Building managers
- \* Project Managers
- \* Designers, Engineers, Architects
- \* Constructors of buildings which require VTS
- \* Enthusiasts who would like to know more about the mysterious VTS

## CANCELLATION POLICY

IEM reserves the right to postpone, reschedule, allocate or cancel the course. Full refund less 30% if cancellation is received in writing more than 7 days before start date of the event. No cancellation will be accepted prior to the date of the event. However, replacement or substitute may be made at any time with prior notification and substitute will be charged according to membership status.

## BIODATA OF SPEAKER

Mr. Raghiv Fasih Azmi, Grad. IEM has more than 20 years of experience in the elevator and escalator industry. He has served various capacities in sales, installation, maintenance and general management for leading lift companies both locally as well as overseas. He had roles in several major high rise projects such as Petronas Twin Towers, Burj Khalifa, India Tower, Kingdom Tower and Menara Warisan. Currently he is working for a leading Malaysian company providing green, smart and connected solutions for the built environment.



Mr. Raghiv Fasih Azmi, Grad. IEM has served in the SIRIM Working Group on Lifts and Escalators and has been actively involved in the development of Malaysian Standards for lifts and escalators. He has been actively serving IEM in various committees since 1993 and is currently a committee member of Mechanical Engineering Technical Division of IEM.

## TENTATIVE PROGRAMME

TIME	DAY 1	DAY 2
08:30am – 09:00am	<b>Registration</b>	
09:00am – 11:00am	Introduction to Vertical Transportation Systems	Planning and Design
11:00am – 11:15am	<b>Tea Break</b>	
11:15am – 13:00pm	Overview of Vertical Transportation Systems	Installation
13:00pm – 14:00pm	<b>Lunch</b>	
14:00 – 15:30pm	Legislation, Standards and Codes	Testing and Commissioning
15:30 – 15:45pm	<b>Tea Break</b>	
15:45 – 17:00pm	Traffic Analysis	Monitoring, Service and Maintenance
17:00pm	End of Day 1	End of Course

## PERSONAL DATA PROTECTION ACT

I have read and understood the IEM's Personal Data Protection Notice published on IEM's website at <http://www.myiem.org.my> and I agree to IEM's use and processing of my personal data as set out in the said notice.