

REGISTRATION FORM
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Name(s)	Membership No. / Grade	Fees (RM)
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(Please write clearly as the "Confirmation Update will be sent via email)

Contact Person: _____ Designation: _____

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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 RHB and Maybank2u –Personal Saving & Personal Current ; Credit Card - Visa/Master ; MEPS FPX - Bank Islam personal account, CIMB Clicks personal account & CIMB Biz Channel business account, Hong Leong Bank Personal Account, Maybank2u Personal Account & Maybank2e Business Account, Public Bank Personal Account and RHB Bank Personal Account]
- 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 before the closing date** at the latest.
- If payment is not received and verified within the stipulated time, the registration fee will be reverted to the normal registration fee.
- **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 Organizing 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.

HALF DAY SEMINAR ON Fungal Control and Remediation in Health Care Buildings

15 DECEMBER 2012 - Saturday
9.00 am – 1.00 pm
C&S Lecture Room, 2nd Floor
Wisma IEM, Petaling Jaya

REGISTRATION FEES (COURSE)

Grade	Normal Fee	Online Fee
IEM Student Member	RM 50.00	RM 45.00
IEM Graduate Member	RM 150.00	RM 130.00
IEM Corporate Member	RM 250.00	RM 200.00
Non IEM Member	RM 400.00	RM 300.00

Closing Date: 26 November 2012

BEM Approved CPD/PDP Hours: 3 hours
Ref. No.: IEM/HQ/331/S

Organised by



**Important Note: IEM members are
 required to produce their
 membership cards for CPD
 scanning at the start and end of the
 seminar.**

**Environmental Engineering Technical Division,
 The Institution of Engineers, Malaysia**

TENTATIVE PROGRAMME

0800am	-	0900am	Registration & Breakfast
0900am	-	1100am	Session 1: Fungus Control and Case Study of Fungus Remediation in a Healthcare Facility Ir. FAN HONG POH
1100am	-	1230pm	Session 2: Preventing Mold & Fungus in Healthcare facilities MR. MOHAN DEV DHINGRA
1230pm	-	100pm	Q&A
1.00pm			Session Ended
100pm	-	130pm	Lunch

Ir. FAN HONG POH

Ir Fan Hong Poh has been involved as a specialist consultant for the Ministry of Health, Malaysia for the past 6 years particularly in the supervision of Hospital Support Services (HSS) provided by Concessionaire Companies employed by MOH. The HSS include Facilities Engineering Management, Biomedical Engineering Management and Housekeeping Services. He is now the Project Director for SIHAT, the consulting company employed for the HSS consulting works. Ir Fan Hong Poh has been active in works relating to fungal remediation and water leakage matters in hospital buildings particularly the Hospital Sultan Ismail, Johor Bahru. In recent years, Ir Fan Hong Poh has been involved in the preparation of the "Operation Theatre Guideline" and "Fungus Control Guideline" for the MOH".

Ir Fan Hong Poh is a professional civil engineer for 37 years in consulting engineering companies, developers and construction companies. He graduated with BSc (Hons) from the University of Manchester, UK and obtained an MBA from Brunel University, UK. He is a PE with the BEM and Chartered Engineer with ICE, UK. He is currently the chairman of the Environmental Technical Division for the IEM.

MOHAN DEV DHINGRA

Managing Director InviroTech Systems Sdn Bhd

Mohan Dev Dhingra is the Managing Director of InviroTech Systems Sdn Bhd. InviroTech specializes in providing services and solutions for Indoor Air Quality, Humidity Control and Energy Efficiency.

Mohan is a professionally qualified Mechanical Engineer and an M.B.A. from Strathclyde University, U.K (2005). He has a total experience of 30 years in field of Humidity Control and Energy Conservation in Air Conditioning industry.

Mohan has been actively involved in various seminars and industry events that promote Green Building and IAQ concepts. He has been instrumental in introducing several new products and technologies in Malaysian market, including the introduction of Heat Pipes technology as a solution to Humidity Control.

Synopsis of the Seminar:

Fungus Control and Case Study of Fungus Remediation in a Healthcare Facility

Fungus or more particularly moulds are ubiquitous and are found everywhere, whether indoor or outdoor. Due to their lightweight nature, the spores of mould can be spread easily by air. Fungus or moulds belong to the Fungi Kingdom which is different from the plant and animal kingdom. Due to their wide spread nature, moulds pose health risk to human beings particularly the infirmed and newly born babies. It for this reason, that healthcare facilities like hospitals and clinics are sensitive to the presence of moulds within these facilities.

In recent years, hospitals all over the world has given particular attention to this menace and effected measures to the control of moulds within their premises. In Malaysia, the Ministry of Health is no exception and has similarly made attempts to control the invasion of moulds within their premises as well.

As moulds could not be eradicated completely, the course of action that owners of buildings could take is to control its development and take appropriate remediation efforts for those cases which are severely infected. Solving moulds in buildings involve 2 aspects which is engineering and fungal remediation. In engineering, the key factors are the control of humidity and temperature in the indoor environment. Fungal remediation involves the removal, decontamination and treatment process. Both are important to control the development and spreading of moulds.

Synopsis of the Seminar :

Preventing Mold & Fungus in Healthcare facilities

'IAQ problems caused by mold and fungus take a more serious form when they happen in a healthcare facility. Very often the patients in the hospitals have low resistance to infection and there are strong chances that they pick up infections other than what they came to the hospital to be treated for. This is what has been called '*Hospital Acquired Infections*' or HAI in short. In past, several hospitals and clinics had to be shut down for several months for de-contamination of buildings to make them safer for patients.

The consultant in-charge of the design the air conditioning system of **The Rehabilitation Hospital** located at Cheras in city of Kuala Lumpur, Malaysia wanted to avoid these sorts of troubles for his project and approached InviroTech Systems for RH control methods. Through some recommendations we managed to control the RH which leads to positive results to overcome fungus problem. It is the technology which will be presented by Mr. Mohan Dhingra in this seminar.'

FOR FURTHER DETAILS, PLEASE CONTACT:

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