



ISTIC
INTERNATIONAL SCIENCE, TECHNOLOGY AND
INNOVATION CENTRE FOR SOUTH-SOUTH
COOPERATION UNDER THE AUSPICES OF UNESCO



IEMTC
IEM Training Centre Sdn Bhd

Training Workshop on MAINTENANCE OF INFRASTRUCTURE FOR DEVELOPING COUNTRIES

Organised by:
**International Science, Technology and Innovation Centre
for South-South Cooperation under the auspices of UNESCO (ISTIC)**

In Collaboration with:
IEM Training Centre Sdn. Bhd.



**26 – 28 March
2018**

(RSVP by 1st Mar)

BEM APPROVED CPD: TBA

**LIMITED TO
40 PAX**

REGISTRATION FEE
IEM Member - RM1,590.00
Non-Member - RM2,120.00

VENUE:
**Furama Bukit
Bintang
Kuala Lumpur,
Malaysia**



Training Workshop on MAINTENANCE OF INFRASTRUCTURE FOR DEVELOPING COUNTRIES

Synopsis

Maintenance is used as a generic term to include planned maintenance, repair and reimbursement and provision for replacement of the structures. Maintenance should be considered as important part and parcel of any infrastructure development in a country. Good maintenance of infrastructure and facilities need good policy, planning and implementation.

The goal of infrastructure maintenance is to sustain the life of major assets. When maintenance is provided too soon or too late, it will incur unnecessary costs and compromise the asset's economic life span. Maintenance of existing infrastructure should not be seen of secondary importance to the apparently more attractive option of new infrastructure.

Maintaining infrastructure comes at a cost, but this is a prudent investment which saves significantly in the medium to long term and promotes both the economic and human capital development. There are other significant costs associated with inadequate maintenance and consequent breakdowns. These costs could include loss of production and consequent economic loss, health risks, injury or loss of life, and the cost of alternative measures needed during breakdowns.

Maintenance norms and standards are yet to be developed for the various sectors (e.g. roads, water, sanitation, etc). Good practice guidelines for planning, designing and implementing maintenance programmes will be identified. Based on the maintenance standards, budgeting norms will be developed to facilitate accurate long-term maintenance budget forecasting, taking into account the type, age and condition of the infrastructure.

The programme covers essential contents on Malaysia's Ascertain Institutional Framework on Infrastructure Maintenance, assessment needs, planning and execution, including financial planning and budgetary control of infrastructure maintenance.

OBJECTIVE

The objective of the workshop is to expose participants to the latest technology and methodology for maintenance of various infrastructures in developing countries. The workshop will include site visits.

THE OUTCOME OF THE TRAINING WORKSHOP

- Consensus on the benefits of planned maintenance;
- Have the basic knowledge and motivation to promote the maintenance culture for its seamless implementation,
- Essential insights into the trend, technology and financing for maintenance of major infrastructures;
- Be aware of the engineering related business opportunities in infrastructure maintenance project.

INTERNATIONAL PARTICIPANTS

A total of 20 participants from developing countries will be selected to attend this training workshop.

WHO SHOULD ATTEND (LOCAL PARTICIPANTS)

Participants from the Private and Public sectors involved in Infrastructure Maintenance are encouraged to attend this training workshop. Numbers of participants would be limited to a maximum of 40 participants in this workshop. The combination of participants from ASEAN, South countries and Malaysia will allow exchange of knowledge, ideas and experiences as well as opportunities for discussion, networking and possible collaboration.

Leading and eminent management personnel involve in infrastructure maintenance that are interested in networking with the ASEAN and South countries are encourage to attend.



Tentative Programme

26 – 28 March 2018

Day 1 : 26 March 2018 (Monday)	
8.30 am – 9.00 am	Registration
9.00 am – 9.30 am	<ul style="list-style-type: none"> • Welcome Speech by Dato' Dr. Samsudin Tugiman FASc Chairman, ISTIC Governing Board • Welcome Speech by Ir. Dr Tan Yean Chin President, The Institution of Engineers, Malaysia • Official Opening by YB Datuk Rosnah Binti Abdul Rashid Shirlin Deputy Minister, Ministry of Works, Malaysia
9.30 am – 10.00 am	Morning Tea Break
10.00 am – 10.30 am	Infrastructure Maintenance for OBOR Keynote Lecture 1: Academician Dato' Ir. (Dr.) Lee Yee Cheong FASc, Honorary Chairman, ISTIC
10.30 am – 11.00 am	Challenges in Malaysian Highway Maintenance Speaker 1: Datuk Ir. Hj. Ismail Md. Salleh Director General, Malaysian Highway Authority (MHA)
11.00 am – 11.30 am	Maintenance for Commuters Safety and Comfort Speaker 2: Madam Masnizam Hisham President & Group CEO, Prasarana Malaysia Berhad
11.30 am – 12.30 pm	Forum Moderated by Academician Dato' Ir. (Dr.) Lee Yee Cheong FASc
12.30 pm – 1.30 pm	Lunch
1.30 pm – 2.00 pm	Prepare for site visit and assemble at pick up point
2.00 pm – 5.00 pm	Technical Site Visit : MRT Kajang - Sungai Buloh Line



Tentative Programme

26 – 28 March 2018

Day 2 : 27 March 2018 (Tuesday)	
8.00 am - 8.30 am	Malaysian Legislation Framework for Maintenance Keynote Lecture 2 : Ir. Yim Hon Wa, IEMTC Chairman
8.30 am – 9.00 am	Strata Title Act on Property Maintenance Speaker 1: tbc Royal Institution of Surveyors Malaysia
9.00 am – 9.30 pm	Water & Sewerage Act Speaker 2: Ir. Mohamed Haniffa Haji Abdul Hamid Chief Operating Officer, Indah Water Konsortium (IWK)
9.30 am – 10.00 am	Financing for Infrastructure Maintenance Keynote Lecture 3 : Ir. David Lai Kong Phooi Deputy President, The Institution of Engineers, Malaysia (IEM)
10.00 am – 10.30 am	Morning Tea Break
11.00 am – 11.30 am	Financing Maintenance Speaker 3: Datuk Feroz Hanif Mohamed Ahmad Engineer, Majlis Bandaraya Shah Alam
11.30 am – 12.00 noon	Highway Maintenance Speaker 4: Ir. Sazally Saidi Deputy President, Association of Malaysian Highway Concessionaires
12.00 noon – 12.30 pm	Forum Moderated by Ir. Yim Hon Wa, IEMTC Chairman
12.30 pm – 1.30 pm	Lunch
1.30 pm – 2.00 pm	Prepare for site visit and assemble at pick up point
2.00 pm – 5.00 pm	Technical Site Visit : Highway Site

Tentative Programme

26 – 28 March 2018

Day 3 : 28 March 2018 (Wednesday)	
9.00 am – 9.30 am	Innovative Technology & Materials for Infrastructure Maintenance Keynote Lecture 4: Ir. Choo Kok Beng FASc PJK ISTIC Engineering Advisor
9.30 am – 10.00 am	Materials for Maintenance Speaker 1: Mr. Yang Kian Lock President, Building Materials Distributors Association Malaysia (BMDAM)
10.00 am – 10.30 am	Morning Tea Break
10.30 am – 11.00 am	Projects Maintenance Speaker 2: Mr. Foo Chek Lee President, Master Builders Association (MBAM)
11.00 am – 12.00 pm	Forum Moderated by Ir. Choo Kok Beng FASc PJK Questions and Answers Evaluation and Review of the Technical Visit
12.00 pm – 12.30 pm	Closing Session <ul style="list-style-type: none"> • Certificate Presentation • Group Photograph
12.00 pm – 2.00 pm	Lunch
End of Event	

REGISTRATION FORM

Fax: 603-7958 2851 Email: faiza@iem.org.my / nora@iem.org.my
Website: www.iemtc.com

Training Workshop on
MAINTENANCE OF INFRASTRUCTURE FOR DEVELOPING COUNTRIES
26 – 28 March 2018

Closing Date: 1 March 2018

TRAINING FEE

IEM Member – RM1,590.00

Non-Member – RM2,120.00

to be paid upfront upon registration

All registration fees must be FULLY paid before commencement of the course. IEM Training Centre Sdn. Bhd. reserves the right to refuse entry for participant(s) who have not paid their registration fees to attend the course. THIS REQUIREMENT WILL BE STRICTLY ENFORCED.

No	Name(s)	M'ship No.	Grade	Fee (RM)*
			SUB TOTAL	
			TOTAL PAYABLE	

You may make payment via Telegraphic Bank Transfer (Please forward soft copy of payment advice):-

Account Name	IEM TRAINING CENTRE SDN BHD
Account Number	514169143176
Bank Name	Malayan Banking Berhad
Bank Address	Jalan Sultan, 46200 Petaling Jaya, Selangor Darul Ehsan, Malaysia
Swift Code	MBBEMYKL

NB: Kindly take note that all telegraphic charges to be borne by the participants.

Enclosed herewith a crossed cheque No: _____ for the sum of RM _____ issued in favour of "**IEM Training Centre Sdn Bhd**" and crossed 'A/C payee only' I/We understand that the fee is not refundable if I/we withdraw after my/our registration is accepted but substitution of participants will be allowed. If I/we failed to attend the course, the fee paid will not be refunded.

Contact Person:	
Name of Organization:	
Address:	
Designation:	
Telephone No. (Office):	
Mobile No.:	
Fax:	
Email:	

Signature & Stamp

Date