Chairman,
Electronic Engineering Technical Division,
The Institution of Engineers Malaysia (Penang Branch),
1-04-02 e-Gate, Lebuh Tunku Kudin,
11700 Gelugor, Penang
Tel: 018-4627577 (Email : iempenangbranch@gmail.com)

REGISTRATION FORM
2 DAYS MYTRIZ LEVEL 1 PRACTITIONER WORKSHOP
Date : 15th – 16th March 2018
Venue : KDU Penang University College
Closing Date : 10th March 2018

No	Name(s)	M'ship No.	Grade	Fee (RM)*
			Total Payable	

*Fees MUST be fully paid BEFORE the CLOSING DATE. Seats could only be confirmed upon payment.

Enclosed herewith a crossed cheque No: _____ for the sum of RM _____ issued in favour of "**The Institution of Engineers, Malaysia**" and crossed 'A/C payee only'. I/We understand that the fee is not refundable if I/We withdraw after my/our application is accepted by the Organising Committee as stated in the **cancellation term**. If I/We fail to attend the seminar, the paid registration fee will not be refunded.

Contact Person: _____ Designation: _____

Name of Organization: _____

Address: _____

_____

Telephone No.: _____ (O) _____ (Fax)

_____ (H) _____ (HP)

Email: _____

_____   _____
Signature & Stamp   Date

Photocopies are acceptable

2 DAYS MYTRIZ LEVEL 1 PRACTITIONER WORKSHOP
Organized by: Electronic Engineering Technical Division, IEM

Date : 15th - 16th March 2018
Venue : KDU Penang University College
32, Jalan Anson, George Town, 10400 George Town, Penang
Time : 9.00 a.m. – 5.00pm

BEM Approved CPD/PDP Hours : 12.5
Ref No : IEM18/PG/069/W

REGISTRATION FEE		
IEM Student Member	:	350
IEM Graduate Member	:	650
IEM Corporate Member	:	700
Non IEM Member	:	750

Payment Mode
1. online bank-in to: AMBANK Acct#: 002-201-101022-6 (please e-mail/fax receipt to us with attendee (s) name on it
2. crossed cheque in favour of: The Institution of Engineers, Malaysia

SYNOPSIS

TRIZ is a theory created to systematize processes and procedures related to innovation and creativity in the solution of problems. TRIZ is a Russian acronym which can be expressed in English as 'Theory for the Solution of Inventive Problems' and consists of a theory, operating procedures and a range of tools created by GenrichSaulovichAltshuller(1926-1998) from 1946, with the objective of capturing the creative process in technical and technological contexts, codifying it and making it repeatable and applicable, in short a proper theory of invention.

TRIZ allows the analysis, the structuring of models and, finally, the solution of problems with a systematic approach based upon a series of subsequent stages and operating tools. Up to this day, the TRIZ methodology has proved to be the most efficient to solve inventive problem. The 2 days workshop will cover

- Structured Problem Solving Process
- Function Analysis
- Cause & Effect Chain Analysis
- Trimming
- Ideality
- Engineering Contradiction
- 39 System Parameters
- 40 Inventive Principles
- Contradiction Matrix

Who should attend:

• Those who are interested in TRIZ

•Engineers and industry practitioners intend to pursue TRIZ Level 1 Practitioner certification

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.

CANCELLATION POLICY

IEM reserves the right to postpone, reschedule, allocate or cancel the course. Full refund 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

Dr. Yeap Gik Hong is currently the Head of School for the School of Engineering, Computing & Built Environment at KDU Penang University College. He received BEng (Hons) Mechanical Engineering and Manufacturing Systems from the University of Lincoln in 2003 with First Class Honours. He later obtained his MSc Advanced Materials and Manufacturing from the University of Hull, UK in 2006 with Distinction and obtained PhD in Electronics Engineering degree from the University of Hull in 2010. Dr Yeap is a Member of the Institution of Engineering and Technology (IET), UK, Senior Member of Institute of Electrical and Electronics Engineers (IEEE), USA, a Graduate Member of Institution of Engineers Malaysia (IEM) and Graduate Engineers of Board of Engineers Malaysia (BEM). He is also a Committee Member of Malaysia TRIZ Innovation Association (MyTRIZ) and IEM Electronic Engineering Technical Division (eETD). He is a certified International TRIZ Association (MATRIZ) Level 3 Practitioner, MyTRIZ Level 3 Practitioner and MyTRIZ Level 1 Instructor. He has actively promoting the Theory of Inventive Problem Solving (TRIZ) among his students with the intention to improve the problem solving skills, creativity and innovation level of the students. In 2014, Engineering students and staff at KDU Penang have won two international awards in the 4th Global Competition/Exhibition in Systematic Innovation (GCSI2014) at San Jose State University, California, USA and one regional award in the MyTRIZ Competition 2014 – Prism of Possibilities with TRIZ by employing the TRIZ methodology in their projects. Besides the administrative and academic responsibilities, Dr Yeap is also active in research. He has published a number of journals and conference papers in the renowned international journals and conferences. His research interests include physics of semiconductor, robotics, renewable energy, industrial automation, etc.

PROGRAMME				
			Day 1	**Day 2**
0845am	**-**	**0900am**	**Registration**	**Registration**
0900am	**-**	**1000am**	**Introduction -What is Systematic Innovation/TRIZ? TRIZ methodology, history & adoption**	**Recap of Day 1 Ideality Engineering Contradictions 39 System Parameters**
1000am	**-**	**1030am**	**Tea Break**	
1030am	**-**	**1230pm**	**Structured Problem Solving Process, Function Analysis Cause & Effect Chain Analysis**	**Contradiction Matrix 40 Inventive Principles**
1230pm	**-**	**0130pm**	**Lunch**	
0130pm	**-**	**0330pm**	**Trimming**	**40 Inventive Principles (cont'd)**
0330pm	**-**	**0345pm**	**Tea Break**	
0350pm	**-**	**0500pm**	**Exercises**	**Exercises & Assessment Summary & Wrap-up**