



TRIZ Level 1 Practitioner Workshop 11-12 July 2018

*Certified by the Malaysia TRIZ
Innovation Association (MyTRIZ)*

Innovation and the capacity to innovate are among the most important factors that affect an organization's competitiveness and performance. The future advancement of Malaysian economy depends on the innovativeness and creativity of the people. Therefore, creativity and innovation should be fostered at all levels of education. One way to learn and teach INNOVATION in a systematic way is through TRIZ. 'TRIZ' is the Russian acronym for the "Theory of Inventive Problem Solving". TRIZ methodology uses logic, past knowledge and research to the problem-solving process with its structured and algorithmic approach. The proposed TRIZ program is aimed to provide individuals with High Order Thinking Skills (HOTS) to enhance the creativity and innovation abilities. Individuals will be trained to sharpen their mind and learn how to solve challenging real world problems. This program introduces to participants a systematic problem solving skill using TRIZ models and tools. The topics in the program include Structured Problem Solving Process, Function Analysis, Cause & Effect Chain Analysis, Trimming, Engineering Contradictions, Contradiction Matrix and 40 Inventive Principles.

Instructors



Dr Ang Mei Choo is a Research Fellow in the Institute of Visual Informatics, Universiti Kebangsaan Malaysia. She obtained TRIZ Certified Instructorship Level 1 from the Malaysia TRIZ Innovation Association (MyTRIZ) and the International TRIZ Association (MATRIZ) in 2011. Currently she is a certified TRIZ Practitioner Level III awarded by MyTRIZ in 2015 and a TRIZ User Level 3 awarded by MATRIZ in 2016.



Mr Cher Dong Theng is a Senior Engineer/Head of Design & Modelling Section, Industrial Design Centre, SIRIM Berhad and has worked for SIRIM for more than 20 years. He obtained his MSc in Manufacturing Systems Engineering from University of Warwick, UK in 1994. He is a certified TRIZ Practitioner Level III and also a Certified Instructor awarded by MyTRIZ.



Dr Ng Kok Weng is a Senior Engineer of Design & Modelling Section, Industrial Design Centre, SIRIM Berhad and has worked for SIRIM for more than 20 years. He obtained his MSc in Manufacturing Systems Engineering from University of Warwick, UK in 1994 and Doctorate Degree in Design Methodologies from University of Cardiff, UK in 2008. He is a MATRIZ and MyTRIZ Certified experts and MyTRIZ Certified Instructor.



Dr Siow Kim Shyong is a Research Fellow at the Institute of Microengineering and Nanoelectronics, Universiti Kebangsaan Malaysia. He obtained TRIZ Certified Instructorship Level I from the Malaysia TRIZ Innovation Association (MyTRIZ) in 2016. Currently he is a certified TRIZ Practitioner Level III awarded by MyTRIZ in 2017.



TRIZ Level 1 Practitioner Modules

- Introduction to TRIZ methodology
- History of TRIZ and global adoption
- Structured Problem Solving Process
- Function Analysis
- Cause & Effects Chain Analysis
- Trimming
- Ideality
- S-Curve
- Trends of Engineering Systems Evolution
- 39 System Parameters
- 40 Inventive Principles
- Contradiction Matrix

Official Certification

Upon successful completion of this workshop, participants will receive an official certificate from the Malaysia TRIZ Innovation Association (MyTRIZ).

Workshop Details

Date: 11-12 July 2018

Time: 09:00am – 05:00pm

Venue: Bilik Latihan, Aras 2,
Perpustakaan Lingkungan 2, UKM,
Universiti Kebangsaan Malaysia,
Bangi, 43600, Selangor.

Fees: RM200 (IVI staff/student),
RM400 (UKM staff/student),
RM750 (non-UKM).

No. of Participants: Max 25 only

Included in the fees: MyTRIZ certification assessment, a student manual, two reference books and refreshment.

Workshop Organiser

INSTITUTE OF VISUAL INFORMATICS
Universiti Kebangsaan Malaysia,
Bangi, 43600, Selangor.

Further information

Contact name: Dr Ang Mei Choo

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011-17112883

Email: amc@ukm.edu.my

Web: www.ivi.ukm.my

Registration Form TRIZ Level 1 Practitioner Workshop 11-12 July 2018

Name: _____

Position: _____

Name & Correspondence Address: _____

Phone No.: (o) _____

(H/P): _____

Email: _____

Date: _____ Signature: _____

Registration fee

- RM200 (IVI staff/student)
- RM400 (UKM staff/student)
- RM750 (non-UKM)

The registration fee covers certificate, reading materials and refreshment. Please register ASAP.

Further information

Contact name: Dr Ang Mei Choo

Phone: 03-8921 6071

Email: amc@ukm.edu.my

Web: www.ivi.ukm.my