

MICRO CREDENTIAL PROGRAMME

TRIZ - LEVEL 2 PRACTITIONER WORKSHOP

Micro-credential Programmes (MCPs) are digital certification of assessed learning of knowledge, skills and competencies in a specific narrow area or field which can be components of academic programmes or standalone courses supporting professional, academic and personal development of learners.

Complex problems require different TRIZ techniques to solve them. This workshop provides the opportunity to learn the next set of TRIZ tools and find the solutions to the problems. The workshop focuses on advanced TRIZ tools and trains the participants to master these techniques. The participants will learn the advanced methods of problem modeling and strategic prediction in TRIZ.

The techniques to resolve physical contradiction will be covered. Another rigorous problem solving technique, Substance Field Modelling will be introduced and you will have hands-on application on the system of standard models of solution to find the best solutions.

The workshop will touch upon strategic aspects of innovation which are the S-Curve Analysis and the Trends of Engineering System Evolution. Both techniques are good to set the strategic recommendations and predict the future of system changes.

Tunku Abdul Rahman University College in partnership with Malaysia TRIZ Innovation Association (MyTRIZ) and with International TRIZ Association (MATRIZ), will facilitate a three-day workshop and end of workshop included an assessment for certification as TRIZ 2 Practitioner



Course Details

Date	: 2 October – 16 October 2021 (Every Saturday)
Time	: 9.00am – 5.00pm
Mode of Delivery	: Open Distance Learning (Block Delivery)
Duration	: 21 hours of Lecture
Assessment	: Assignment / Final Examination
Fees	: RM 1,300.00 (Alumni and Staff) : RM 1,500.00 (Public)

What you learn:

- Substance Field Model
- System of Standard Inventive Solutions
- Trends of Engineering System Evolution
- Physical Contradiction
- S-Curves
- Scientific Effects



Scan to register now!



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Associate Professor
Ts. Dr. Yip Mum Wai

Dr Yip Mum Wai is a very experience industry and academic member. He graduates with a specialization in Materials Science and has great interest in the area of TRIZ, Theory of Inventive Problem Solving, Quality Management and Knowledge

Management. He is a certified TRIZ instructor and has been imparting his knowledge to thousands of industry practitioners and students.

A very passionate academician with more than 50 paper publications and 1 book. He is actively involved in many international and local special interest group community. Dr Yip has won many innovation and research competition and has embarked on several successful ventures in start-up innovative companies. He is an excellent and experience instructor who have a great heart to reach out to school students. He is a certified Theory of Open Problem Solving instructor.



Ms. Lim Joo Eng

Ms Lim Joo Eng holds a Bachelor of Chemical Engineering (Honours) from University of Malaya (UM) and Master of Science (MSc) in Manufacturing System Engineering from University Putra Malaysia (UPM). She is a Chartered Engineer, registered with the Engineering Council (UK), a registered Graduate Engineer with Board of Engineers Malaysia (Grad.Eng). She is a member with Institution of Mechanical Engineers (MIMechE, UK), and a Graduate Member with The Institution of Engineers, Malaysia (Grad.IEM). She has learnt TRIZ since 2013 and has then actively participated in TRIZ events and conferences. She is a certified TRIZ instructor by MyTRIZ.

Currently, she is the Principal Lecturer in Tunku Abdul Rahman University College (TAR UC). Her expertise and field of

research are in the area related to project management, operation management and manufacturing system. Prior to her academic position, she has worked over a span of more than 10 years in manufacturing industry, specialized in design and developing of automotive components for car manufacturers.