

MICRO CREDENTIAL PROGRAMME TRIZ - LEVEL 1 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.

Innovation is an important skill much needed in the new economy. With competition becoming increasingly intense, innovation is no longer a "nice-to-have" skill but a "must-have". There is a way to learn INNOVATION in a systematic approach. The approach is called TRIZ or Theory of Inventive Problem Solving. TRIZ is a Russian methodology discovered about 66 years ago but has remained a well-kept secret. This open-secret has finally reached you through the MyTRIZ Level 1 Workshop.

TRIZ is recognized as one of the powerful methods for innovation and embraced by many corporations namely Siemens, Samsung, General Motors, Intel, Whirlpool, LG, Christian Dior, Boeing, Procter & Gamble, L'Oreal, KIA, Hyundai, etc. It is a catalytic programme for employees to upgrade the problem solving and innovation skills to international certification standards.

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 to cover the history of TRIZ, share the insight of the profound discovery, provide in-depth knowledge into 6 techniques and impart the application aspect of the methodology. The workshop included an assessment for certification as TRIZ Level 1 Practitioner.



Course Details

Date	: 21 August – 4 September 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 1,200.00 (Alumni and Staff) : RM 1,400.00 (Public)

What you learn:

- Introduction to TRIZ methodology
- History of TRIZ and global adoption
- Structured Problem Solving Process
- Function Analysis
- Cause & Effect Chain Analysis
- Trimming
- Ideality
- 39 System Parameters
- 40 Incentive Principles
- Contradiction Matrix



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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 academican 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.