



In Partnership With



MYTRIZ 2016 COMPETITION

Develop Great Innovation with TRIZ

Participate &
Stand to Win

RM21,000
prize money &
RM5,000
3D printing vouchers

Registration
1st - 31st July 2016

Submission
31st August 2016

Finals
26th November 2016

MYTRIZ 2016 COMPETITION

Malaysia TRIZ Innovation Association is very pleased to announce its 5th annual MyTRIZ Competition in 2016. The competition objectives are to encourage the application of systematic innovation TRIZ methodology, cultivate the spirit of innovation and generate awareness of TRIZ systematic innovation around the Asia region.

The competition is launched with the theme of "Develop Great Innovation with TRIZ". It is open to all TRIZ practitioners from industries, universities and schools within the Asia region.

Entrance to the competition is free! A total sum of RM21,000 or US\$5,000 prize money and RM5,000 or US\$1,200 3D prototyping printing vouchers to be won.

Grand Prize	1st Runner Up Prize	2nd Runner Up Prize	Merit Prize (5 teams)
RM8,000 (or US\$1,900) prize money and RM500 (or US\$120) 3D printing voucher	RM5,000 (or US\$1,200) prize money and RM500 (or US\$120) 3D printing voucher	RM3,000 (or US\$700) prize money and RM500 (or US\$120) 3D printing voucher	RM1,000 (or US\$240) prize money and RM500 (or US\$120) 3D printing voucher

COMPETITION FORMAT

The MyTRIZ Competition is comprised of two (2) parts as follows:

PART 1 (50%)

is based on solving a common day-to-day problem but providing a low cost product solution which is estimated to cost less than RM100 or US\$25. Participants are expected to use TRIZ methodology to analyze and solve the problem.

PART 2 (50%)

is based on a product, people, or service related challenge/problem identified by the participants. Participants are expected to solve the challenge/problem using TRIZ methodology. New TRIZ methods which may include new findings/research or new usages/applications of TRIZ are encouraged. The problem should be different, more difficult and complex than Part 1.

The competition will be evaluated by a panel of international and local TRIZ experts based on the following criteria and scoring allocation:

TRIZ PROCESS FLOW & APPLICATION OF TRIZ TOOLS

Clear problem statement, clear process steps specifying which TRIZ tools to use at each step. Explains TRIZ tools used along with correct application of these tools. Problem identified is solved completely (or closest possible to 100%) without any compromise. (1/3 total score)

SOLUTIONS

Originality & innovativeness of solution with linkage to TRIZ tools used. Perform market and patent search to ensure that the idea is original. Preference is for identification of problem areas which require radical innovations (e.g. new applications, new businesses, or even pioneering inventions); instead of incremental innovations (e.g. parameter improvements or system reconfiguration). Simple & elegant solutions with commercial value, and achieving highest degree of ideality are preferred. (1/3 total score)

WRITE-UP QUALITY

Write-up should be easy to understand with a well-composed flow and content. (1/3 total score)

COMPETITION RULES

- 1 The competition is open to all TRIZ practitioners from industries, universities and schools within the Asia region.
- 2 The work submitted must be based on TRIZ systematic innovation methodology. The proposal should offer innovative yet original and elegant solutions. All entry materials must be written and presented in English only.
- 3 The solution(s) provided must improve the performance limits and enhance the systems value while benefiting the economy, the society and/or the country. All entries must be original work of the participating teams and not previously published or participated in other competitions of similar nature.
- 4 Each team should comprise of a minimum of two (2) members and up to a maximum of three (3) members from the same or combined organizations. The members of each team may be from different universities/organizations/ countries.
- 5 Once a team has been registered, it is not allowed to substitute its members. Should any team member not be able to continue for any reason whatsoever, the member cannot be replaced, and the team shall have to continue the MyTRIZ Competition with remaining members.
- 6 Each team is required to submit a word document (not more than 20 pages) to relate the proposal to the organizing committee. Teams can create and submit a video pitch (not more than 20 minutes) to support their projects. The video is not mandatory. No changes will be allowed once the submission is done per the closing date and time.
- 7 Announcement of the semi final judging results will be done through emails. Please advise the organizing committee on email or contact information changes.
- 8 Team presentations for the finals shall be held in Malaysia. Details to be provided before the finals. Each finalist team is required to submit a powerpoint presentation (not more than 20 slides) and a word document (not more than 20 pages) to the organizing committee. No changes will be allowed once the submission is done per the closing date and time.
- 9 Each finalist team will be given 20 minutes to present and 10 minutes to answer inquiry from judges. Each team must observe the rules and time schedule. Failure to comply will result in disqualification.
- 10 The competition will be evaluated by a panel of international and local TRIZ experts. All decisions of the judges and organizers will be final. Further queries and appeals shall not be entertained.
- 11 The participating teams will retain all rights to their proposals. The proposals submitted for the evaluation and judging will be kept strictly confidential by the organizing committee and all judges. The organizing committee will obtain permission in writing from the teams to use the information or publish any related matter to this Competition.
- 12 All expenses relating to the competition and presentation of their projects are to be covered by respective teams.
- 13 The organizing committee reserves the right, at any time, to add, change or modify any aspect of the Competition without prior notice to the participating teams. The organizing committee reserves the right to disqualify, terminate or suspend any participating teams should the team be found ineligible or if any fraud is detected.

COMPETITION TIMELINE

15th May - 30th June 2016	Launch and promotion of MyTRIZ Competition 2016
1st July - 31st July 2016	Competition open for team registration
31st August 2016	Submission of proposal (word files)
1st September - 15th October 2016	Semi-final evaluation and judging by local TRIZ experts
16th October 2016	Announcement of selected finalists through email
15th November 2016	Submission of final proposal (powerpoint and word files)
26th November 2016	MyTRIZ Competition 2016 Final presentations. Announcement of winners and prize giving ceremony

ORGANIZING COMMITTEE

All communication and management of the MyTRIZ Competition will be coordinated by Malaysia TRIZ Innovation Association. Key contact information is as follows:

	TS Yeoh	Tan Eng Hoo	Song Chia Li
Tel	012-471 7120	012-408 1353	012-416 0215
Email	tsyeoh@yahoo.com	enghootan@yahoo.com	chia.li.song@intel.com

Mailing information

Malaysia TRIZ Innovation Association (MyTRIZ)
20, Jalan USJ 11/1B, Subang Jaya 47620 Selangor

REGISTRATION FORM

Please read this registration form carefully and provide all the required information. The MyTRIZ Competition 2016 Organizing Committee reserves the right to contact you and/or your organization to verify the information provided. Any inaccurate information provided may lead to rejection or disqualification of your entry.

Please sign on to the MyTRIZ website www.mytriz.com.my to register your team or submit this form to **Tan Eng Hoo** (enghootan@yahoo.com) **TS Yeoh** (tsyeoh@yahoo.com) and **Song Chia Li** (chia.li.song@intel.com) by 31st July 2016 at 12:00 noon.

Name of Team:

Team Registration Number:

Registration Number will be generated through web system or provided by MyTRIZ Competition 2016 Organizer upon registration with form.

Name of Team Leader:

I.D./I.C./Passport Number:

Nationality:

Organization:

Email:

Mobile:

Name of Team Member 2:

I.D./I.C./Passport Number:

Nationality:

Organization:

Email:

Mobile:

Name of Team Member 3:

I.D./I.C./Passport Number:

Nationality:

Organization Name:

Email:

Mobile:

I declare that the information given on this form is correct and complete to the best of my knowledge and I understand that it forms the basis of which our entry is accepted.

To be signed by Team Leader:

Signature

Name:

Date:

COMPETITION DETAILS

By using TRIZ systematic innovation methodology, please solve the problems posted in the sections below.

PART 1: (contribute 50% to the total score)

This is based on solving a common day-to-day problem which is product related. Internet and patent searches can produce many interesting ideas. Similarly, a visit to shops which specialize in low cost solutions can also provide insight into the type of solutions available. In this particular case, provide an original low cost solution which is estimated to cost less than RM 100 or US\$ 25.

Preference is for identification of problem areas which require radical innovations (e.g. new applications, new businesses, or even pioneering inventions); instead of incremental innovations (e.g. parameter improvements or system reconfiguration).

Note *It is important to perform internet and patent searches to ensure that solutions are not identical to whatever is already available even though solutions may have been independently derived. Originality of solution needs to be ensured.*

Participants are expected to use TRIZ methodology to analyze and solve the problem.

Please provide the following information in your recommendation:

- 1 Problem Statement i.e. the problem which you are solving
- 2 Benefits and/or impact if problem is solved. Explain the value proposition.
- 3 Identify the TRIZ process used i.e. show the process flow
- 4 Identify the TRIZ tools used and why it is being used
- 5 Provide potential solutions. Note: Preference is for radical instead of incremental innovation. Theoretical solutions are acceptable. Prototyping would be great to show case the proposed solutions. The solutions need to be technically feasible and reasonable.

PART 2: (contribute 50% to the total score)

This is based on a challenge/problem identified by the participants. Participants are expected to solve the challenge/problem using TRIZ methodology. Note that the problem should have a certain level of complexity with impact or benefits if solved. Write down the assumption and boundary condition, if any in the steps to solve the problem. New TRIZ methods which may include new findings/research or new usages/applications of TRIZ are encouraged.

Preference is for identification of problem areas which require radical innovations (e.g. new applications, new businesses, or even pioneering inventions); instead of incremental innovations (e.g. parameter improvements or system reconfiguration).

Note *The identified problem must not be similar in nature to Part 1. This means that the problem needs to be more difficult and complex.*

The following information is required when submitting your recommendation:

- 1 Problem Statement i.e. the problem which you are solving
- 2 Benefits and/or impact if problem is solved. Explain the value proposition.
- 3 Identify the TRIZ process used i.e. show the process flow
- 4 Identify the TRIZ tools used and why it is being used. New TRIZ methods which may include new findings/research or new usages/applications of TRIZ are encouraged.
- 5 Provide the potential solutions. Note: Preference is for radical instead of incremental innovation. Theoretical solutions are acceptable. Prototyping would be great to show case the proposed solutions. The solutions need to be technically feasible and reasonable.