



**INTERNATIONAL SCIENCE, TECHNOLOGY AND  
ENGINEERING EXPO 2024**

**POSTER PRESENTATION COMPETITION**

**CUTTING EDGE RESEARCH IN ENGINEERING, BUILT  
ENVIRONMENT & TECHNOLOGY**

**STEM INNOVATION CATEGORY**

**PRIMARY AND SECONDARY SCHOOL STUDENTS**

**Entry Terms and Conditions**

**A. General Information**

1. This competition is open to all school students aged 10 to 17 years old and categorized into three categories as below:
  - a) **Category A** : upper primary school students aged **10 – 12** years old
  - b) **Category B** : lower secondary school students aged **13 – 15** years old
  - c) **Category C** : upper secondary school students aged **16 – 17** years old
2. Each entry is required to prepare a poster showcasing product innovation and prototype if any. Poster and product/prototype must be submitted on the day of the event.
3. On the day of the event, participant is expected to demonstrate the working prototype or product. The demonstration must not include the following: i) offensive remarks such as racial and sexist statements, ii) any form of illegal behaviour, iii) hate speech and violence or iv) harm the safety of oneself and others.
4. Each entry shall consist a **maximum** of four **(4) students** and one **(1) accompanying teacher**. One (1) student can only enter this competition through one (1) team of the school they are enrolled.

5. Each school is allowed to enter up to three (3) teams only. One (1) accompanying teacher is allowed to accompany up to three (3) teams from their respective school.
6. The innovation must be based on an original idea of the team member(s). The team may be assisted in production by one (1) accompanying teacher.
7. As the aim of this expo is on promoting STEM among the younger generation, participants are strongly recommended to **emphasize on the application of theory** in the design of the innovation, explaining the **mechanism or concept** as well as improving an existing product design. Please ensure that the innovation has no risk of fire or explosion or threat to public safety.
8. The criteria for evaluating the quality of work encompasses the approach in addressing the problem, application of theory and principle, design concept, functionality, production cost, safety, usefulness of the product and presentation.
9. The participating team shall warrant that its entry does not breach intellectual property rights of other person and the management of respective intellectual property shall be the sole responsibility of the participants.
10. The winning team will be notified on the same day at 4 pm of the competition. Judges will visit all booths during the expo.

## **B. Registration**

1. **Registration** can be done via the registration link <http://surl.li/nclbi> or below QR Code :



2. **Registration** must be made and submitted before or on **8<sup>th</sup> December 2023, 5.00 pm**.
3. **The poster** shall be submitted via email ([encon2024@unimas.my](mailto:encon2024@unimas.my)) by **10 January 2023**.
4. Full names and identification number of team members must be correctly registered as it will appear automatically on the certificate. Changing any **team member after registration is not allowed**.
5. Every team must provide sufficient information description of the innovation, failure to do so might lead to rejection by the organizing committee. **The organizing committee will promptly notify the acceptance or rejection via email upon the completion of the Google Form registration.**

### C. Poster Guidelines

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|-----------------|---|
| <b>Format</b>   | The poster submitted should be in <b>.png or .jpg format</b><br><br>Language Format: <b>English</b><br><br>Poster size: <b>A1 (594mm x 841mm)</b><br><br>Image resolution at least <b>300 pixel per inch (PPI)</b><br><br><b>* The team should prepare their own poster for exhibition.</b>   |
| <b>Contents</b> | The poster shall include the following information:<br><br><ul style="list-style-type: none"><li>i. Title: The name for your innovation</li><li>ii. Names of Team Members</li><li>iii. School Name</li><li>iv. Motivation or Problem Addressed</li><li>v. Objective(s)</li><li>vi. Novelty</li><li>vii. Design Concept (Related diagrams, mechanism and pictures)</li><li>viii. Usefulness</li><li>ix. Cost</li></ul> |