



Engineering Innovation Challenge 2026 (Cat 1 to 4)

DECLARATION FORM

The Institution of Engineers, Singapore (IES) is calling for participation in the Engineering Innovation Challenge (EIC) 2026 and would like to invite your schools to participate in the Challenge.

The Challenge provides an opportunity for students to build a prototype or model which aims to interest, excite, and enable students to understand and experience how engineering plays a part in their daily lives.

EIC also provides an opportunity for students from Secondary Schools, Junior Colleges, ITEs, Polytechnics and Universities to work with professional engineering and business mentors to innovate, design or invent a product to demonstrate their understanding according to the given problem statement.

For Category 1 to 3 (Secondary Schools / Junior Colleges / ITEs & Polytechnics)

Schools have the option to create teams consisting of either individual students or a maximum of four students per team to participate in the Challenge.

For Category 4 (Universities – Local and Overseas)

Universities have the flexibility to create teams, consisting either of individual students or a maximum of five students per team, for participation in the Challenge.

Any teams represented across Universities or Institutions will be disqualified.

Teams will be measured based on the final product, creativity, design and methodology, originality of the research problem and teamwork.

The Challenge will culminate in a Project Display, Final Judging and Prize Presentation Ceremony at the **National Engineers Day (NED) 2026** on **14 August 2026 (Friday)**. The Challenge will also be open to the categories as listed below:

- Category 1: Secondary Schools
- Category 2: Junior Colleges
- Category 3: Institute of Technical Education and Polytechnics
- Category 4: Universities



Why Participate?

This Challenge is an excellent opportunity to exchange innovation and compete on an international level across different countries. The Challenge also enables students to build self-confidence, maturity, team spirit and professional ethics. Students can have fun whilst building a network of international friends.

Submission of Detailed Project Proposal

Teams are invited to submit the detailed project proposal by **17 May 2026 (Sunday)**. The proposal must include the following:

- Background
- Project Description
- Prototype proposal
- Cost-benefits analysis

Submissions of abstract and proposal are accepted in PDF format (not exceeding five pages). For the final judging of shortlisted teams, supplementary materials such as video (max file size - 4MB and not more than 3 minutes playtime) or PowerPoint slides (max 10 slides) are accepted as Appendices accompanying the proposal. ***For submission of both video and Power Point slides, a maximum file size of 5 MB is allowed.***

Shortlisted teams will be asked to work on their prototypes, prepare a video introduction of the prototype (not more than 2 minutes), and a report (template will be provided). A presentation (not more than 10 pages/slides) prior to the judging session is optional to better clarify the project.

Entries submitted must be team(s) own project work or invention; any form of plagiarism will be disqualified. By entering the Challenge, entrant acknowledges and warrants that the submitted entry is an original work solely by the entrant, that the entry does not infringe any copyrights, trademarks, moral rights, rights of privacy / publicity or intellectual property rights of any person or entity, and that no other party has any right, title, claim or interest in the entry. IES will not be responsible in any disputes or legal issues on this matter.

To register and participate, please complete the Online Registration Form. The detailed proposal must be submitted in a separate file and follow the above-mentioned format based on the provided report template.



Judging Format

The first round of judging will be conducted after closing date of submission of written proposal on **17 May 2026 (Sunday)**, and shortlisted teams will be notified by **26 May 2026 (Tuesday)**. In addition, the shortlisted teams will receive a **seed fund of SGD100 for Category 1 to 3 and prototype fund of SGD200 for Category 4** at the NED 2026 for their participation and development of a prototype.

***NOTE:** Funds will be disbursed between 4 to 8 working weeks after the Prize Presentation Ceremony.*

Themed “**Engineering the New Future: Unlocking Opportunities through Emerging Technologies**”, teams are to develop and present innovative engineering solutions that support a sustainable circular economy on one of the five key areas:

- **Energy** (e.g. fossil fuels, renewable energy, electric vehicles)
- **Space and Technology**
- **Water Security and Food Supply Chain**
- **Digital Transformation**
- **Enablers for Healthcare and Ageing Population**

Detailed proposal must reach IES by 17 May 2026 (Sunday).

Final judging will be held on **11 & 12 August 2026** and take the form of engineering and business pitch where the teams will present their project to the judges virtually via *Zoom*. The final score will be determined by the Chief Judge and a panel of judges after the presentation by the teams.

All members from the shortlisted teams which enter the final judging round are invited to attend the Prize Presentation Ceremony which will be held in Singapore on **14 August 2026 (Friday)**. IES will not be responsible for any travelling or ancillary expenses to Singapore for the Prize Presentation Ceremony. The shortlisted teams should seek their own funds to attend the Prize Presentation Ceremony in Singapore. Live telecast of the Ceremony is also available for teams who are unable to participate in-person.

Prizes

(All shortlisted teams will be given Certificate of Participation)

	Category 1 to Category 3	Category 4
1st Prize	SGD 2,000 cash + Trophy + Cert + SGD 100 Seed Fund	SGD 5,000 cash + Trophy + Cert + SGD 200 Prototype Fund
2nd Prize	SGD 700 cash + Trophy + Cert + SGD 100 Seed Fund	SGD 3,000 cash + Trophy + Cert + SGD 200 Prototype Fund
3rd Prize	SGD 300 cash + Trophy + Cert + SGD 100 Seed Fund	SGD 2,000 cash + Trophy + Cert + SGD 200 Prototype Fund
Up to 7 Merit Prizes	SGD 100 cash + Cert + SGD 100 Seed Fund	SGD 500 cash + Cert + SGD 200 Prototype Fund
Shortlisted Teams	SGD 100 Seed Fund + Cert	SGD 200 Prototype Fund + Cert

For enquiry or registration, please contact us at ned@iesnet.org.sg.



Rules and Regulations

1. Acceptable Inventions

- Submissions in the form of prototypes, mock-ups, PowerPoint decks and posters are accepted.
- Entries submitted must be the team's own project work or invention which have not been submitted for participation under previous editions of EIC; any form of plagiarism will be rejected. By entering the Challenge, the team acknowledges and warrants that the submitted entry is an original work solely by the team, that the entry does not infringe on the copyrights, trademarks, moral rights, rights of privacy / publicity or intellectual property rights of any person or entity, and that no other party has any right, title, claim or interest in the entry. This declaration is available in the registration form.
- Entries that do not fulfil the above criteria will be deemed ineligible and will be disqualified.

2. Team Requirements

- The Engineering Innovation Challenge 2026 – Category 4 (Universities) is open to all undergraduate students currently studying with the university (***please note PhD or Research students are NOT eligible to participate in this Challenge.***)
- Each team must submit the name and email address of a professor / staff advisor on the registration form for the organiser's verification.
- Each team may only submit **ONE** project.
- Team members may be from different disciplines but must belong to the same institution.

3. Judges

- Judges are made up from the industry, academia, and government organisations in Singapore and/or overseas.
- The decisions of the judges are final and binding. No questions regarding the judges' decisions will be entertained.
- No team may under any circumstances attempt to contact a judge regarding this Challenge during or before the Challenge. Any such behaviour will result in the disqualification of the team.
- Teams who have any questions regarding potential conflicts of interest for any judges at any stage of the Challenge should address them immediately to ned@iesnet.org.sg.

4. Liability

- IES will exercise care in handling the entries submitted. However, they will not be liable for any loss of entries, or any unauthorised use of the entries displayed during the Challenge.
- The team accepts all risks of personal injury or property damage of any nature whatsoever that may arise from their making or creation of the entry or participation in this Challenge and will not in any way hold the IES responsible for any liability, loss, damage, expense and cost which they may sustain or incur as a result of their participation, except for liability which cannot be excluded by law.
- The team hereby agrees to be fully liable to IES and its officer, employees and agents for any violation of confidentiality, patent, copyright or any other intellectual property rights in the entries submitted.

5. Organiser's Rights

- IES reserves the right to disqualify and withhold prizes for any team(s) violating any of these rules and regulations.



- If for any reason the Challenge cannot run as planned, due to causes beyond the control of IES that affect the administration, security, fairness and proper conduct of this Challenge, IES reserves the right, as its sole discretion, to modify and cancel the Challenge. In the event the Challenge is cancelled, IES will not retain any rights in the submitted entries.

DECLARATION

We have read the Rules & Regulations for the Challenge and acknowledge the following terms:

- Entries submitted must be the team's own project work or invention; any form of plagiarism will be rejected. By entering the Challenge, entrant acknowledges and warrants that the submitted entry is an original work solely by the entrant, that the entry does not infringe on the copyrights, trademarks, moral rights, rights of privacy / publicity or intellectual property rights of any person or entity, and that no other party has any right, title, claim or interest in the entry.
- Team member(s) is/are aware that IES honours the confidentiality of all teams' inventions and ideas that are submitted. Any materials submitted will not be copied or used for any purposes other than in this Challenge. However, IES reserves the right to reproduce, display and distribute information and/or photographs for publication regarding the project team or project idea, on website, and/or display in any media without obtaining further prior permission. Hence, all teams shall take necessary steps to obtain the respective patents or other forms of Intellectual Property protection prior to this date, if they wish, and at their own cost.

Name of Professor / Staff-in-charge : _____

Signature : _____

Date : _____