

Young Professionals Exhibition & Competition 2025 (YPEC 2025)

Organised by Younger Members Section
The Institution of Engineering and Technology Hong Kong (IET Hong Kong)

Information Sheet for Undergraduate Section

1. BACKGROUND

Young Professionals Exhibition & Competition (YPEC) is an annual event organised by the Younger Members Section of IET Hong Kong*. The YPEC acts as a dynamic platform for prospective or young engineers from five different segments (secondary school, sub-degree, undergraduate, postgraduate and open) to exhibit their engineering projects with presentations and booths.

YPEC aims at

- enhancing contestants' understanding of and interest in engineering;
- encouraging contestants to apply their technical knowledge and show their talent by delivering their innovative ideas in a professional manner;
- creating a supportive environment to develop contestants' presentation and social skills; and
- providing a platform for young professionals to exchange ideas with professors and students from tertiary education institutions, as well as professional engineers.

Whilst competing for the prizes, participants would also have the opportunity to extend their social networks and appreciate innovative ideas from various engineering perspectives. Welcoming any engineering projects, the YPEC does not pose any restrictions on topic, disciplines or subjects, though an event theme would be set each year as a possible source of inspiration.

* The Institution of Engineering and Technology (IET) was formed by the Institution of Electrical Engineers (IEE) and the Institution of Incorporated Engineers (IIE) in 2006 and now has more than 154,000 members worldwide. It is the largest professional engineering society in Europe and the second largest in the world.

2. DETAILS OF YPEC 2025

Date: 20th July 2025 (Sunday)
Time: 9:00am – 6:00pm
Venue: City University of Hong Kong

Theme

Stepping into the transformative era of technology, the theme "Empower" has been chosen for YPEC 2025, highlighting the crucial role of human empowerment through AI in the coming decades. This theme emphasizes how Electrical and Mechanical technology, combined with artificial intelligence, can enhance productivity and creativity, enabling individuals to achieve more. We envision our participants showcasing innovative ideas that inspire and influence their peers, driving forward-thinking solutions. Through this event, we aim to foster a spirit of engineering exploration, where participants can experience the thrill of presenting their projects and engaging with a vibrant community. We believe that empowering humanity to leverage AI will lead to a more inclusive society, unlocking new opportunities and transformative advancements for all.

Project Scope

The YPEC welcomes participants to break the ceiling and apply their knowledge and creativity across engineering disciplines or subjects. The project should cover technical and engineering aspects which IET concerns. Examples include but are not limited to the following:

- Informatics and Control Technologies
- Electronics and Communications
- Engineering Management
- Manufacturing and Industrial Engineering
- Power and Energy
- Railway and Transport

Eligibility

Any current Undergraduate student aged 18-30 (or becoming 18 years old on or before Event Day) studying in tertiary institutions is eligible to join the Undergraduate section. IET membership is NOT a prerequisite for application. Any projects submitted or to be submitted as subject coursework, including Final Year Project, are eligible to YPEC 2025. The number of places is limited, there is a prelim screening and participating teams will be accepted on a first-come-first-served basis.

3. DELIVERABLES

Each team has to submit:

i) Project Abstract

- Each team has to submit a project abstract of **no more than 200 words in English** to the online registration system, which elaborates the team's idea and the work. The abstract shall be one of the items assessed by judges. Template word file can be found on the YPEC website at <https://www.ietypec.org/downloads/>.
- Each Team can resubmit the abstract with our standard template **on or before 1st June 2025** to submission@ietypec.org by email, clearly stating their **team number** and the **name of affiliation**.
- If abstract amendment is required, the resubmitted abstract **must** be formatted according to our standard template, which is available on YPEC website at <https://www.ietypec.org/downloads/>.
- Accepted abstract will be posted on event materials, internet and provided to the judges and public. The organising committee of the YPEC 2025 reserves the right of reformatting the project abstract to suit the required standards.

ii) Presentation

Each team will have **10 minutes for Presentation** and **5 minutes for Question & Answer** to introduce their product and explain their ideas on the Event Day (**20th July 2025**). The presentation must be conducted in **English**. Students should use **multi-media presentation aids** for the presentation (e.g. PowerPoint, website, Flash movie etc.). The hardware presentation should be viewed as a supplementary aid rather than the main focus of the presentation.

The presentation material is suggested to contain: *(no restriction except for the Front-Page content)*

- Front page must include names of team members, the school name and project title
- Content page
- Introduction and Background
- Main body of presentation
- Conclusion

The following equipment will be provided in the presentation room:

- A microphone system
- A desktop computer and projector

All teams shall submit their presentation materials to submission@ietypec.org by email on or before the due date advised in Section 6 and bring along the presentation file in a USB Drive on the event day. The team could also consider using their own devices and material to present on the event day, yet connection accessories may not be provided. The organiser shall not be responsible for any connection problem, device incompatibility or any other situation happened due to the usage of contestants' devices.

Apart from the abovementioned compulsory submissions, we strongly suggest you participate in delivering the following items to compete for relevant awards.

iii) Posters

Each team **shall submit one poster** to explicate their project and can compete for **My Favourite Poster Award** and win the **\$1000 prize**. Those teams should submit their poster designs before poster submission deadline. The poster should be designed based on template provided. Size of poster should be in A0 size.

The poster will be posted on the YPEC website once received. The team with the most accumulated 'Like' on the webpage page before 2:00pm on event day will become the winner of My Favourite Poster Award.

iv) Exhibition Booths

- The A0 size poster will be printed and prepared by the organization, each team can choose to set up an exhibition booth on the YPEC Event Day (**20th July 2025**), for explaining and demonstrating their ideas to the judges and visitors.
- Each team would be provided with the following materials for their booth (to be confirmed): one board (white in colour), one table and two chairs. 220V AC Power sockets will be provided on request. The size of the board and table provided will be informed later. If the exhibit covers more than 1sq meter, please contact us for special arrangements as early as possible.
- IET Hong Kong will not sponsor any material expenses for the presentation and exhibition, and will not be responsible for any damages to the venue and facilities caused by individuals.

v) Product (Optional)

- The "product" could be a model, prototype, photos or videos that demonstrates the project idea.

vi) 2-minute Pitching Video (Optional)

- Each team can submit a 2-minute Pitching Video to briefly explain their ideas and compete for **My Favourite Pitching Award** and win the **\$1000 prize**.
- The Pitching Video should not be more than 2 minutes and should be presented in **English**.
- The Pitching Video should briefly introduce the idea and focus on the application as well as the benefits to the society.
- Those teams who would like to compete for the award should submit their video before the video submission deadline advised in Section 6 to submission@ietypec.org, clearly stating their **team number** and the **name of affiliation**.
- The video will be posted on the YPEC online platform once received. The team with the most accumulated 'Like' on the page before 2:00pm on event day will become the winner of My Favourite Pitching Award.
- Should your pitching video not being posted on the YPEC online platform two weeks after your submission, please contact us by email to submission@ietypec.org.

- Should you encounter any issue in submitting the Pitching Video, please contact us by email to submission@ietypec.org.

4. JUDGING CRITERIA

The judging panel will consist of two to four judges, coming from academia and the engineering industry. It will assess the presentations to decide on the champion, 1st runner-up, 2nd runner-up and the winning team for the Best Innovation Award. Prior selection of projects will be conducted if necessary.

The YPEC is an event which aims at promoting innovative engineering projects, with a main focus is on participants' project presentations delivered through their multimedia tools, speeches and exhibitions booths. The panels will evaluate the entries based on the following aspects:

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| i) Project Content (60%) <ul style="list-style-type: none"> - Subject - Feasibility - Structure - Anticipated Project Impact | ii) Presentation (40%) <ul style="list-style-type: none"> - Attendance - Impression - Audience Impact - Voice | Presentation Aids (Visual, Sound, etc.)
Question & Answer Session |
|---|--|--|

5. AWARDS

	Certificate	Trophy	Prize
All Participants	✓	-	-
Champion	✓	✓	HK\$1,500
1 st Runner Up	✓	✓	HK\$1,000
2 nd Runner Up	✓	✓	HK\$500
Best Innovation Award	✓	✓	HK\$1,000
My Favourite Pitching Award	✓	-	HK\$1,000
My Favourite Poster Award	✓	-	HK\$1,000

6. SCHEDULE

Due date for online application and abstract submission	1 st June 2025 (Sunday)
Due date for submission of poster and presentation material (e.g. PowerPoint)	15 th June 2025 (Sunday)
Due date for submission of video	29 th June 2025 (Sunday)
YPEC Event Day at City University of Hong Kong	20 th July 2025 (Sunday)

7. APPLICATION

- Candidates can register individually or in a team with the co-authors of the projects or papers (Maximum number of team members: 8).
- Candidates should fill in the online application form on the YPEC website www.ietypec.org on or before the application due date stated in Section 6 of this Information Sheet.
- The aforesaid online application on the YPEC website is the only application method of the YPEC. Should candidates confront any problem or need assistance, please contact us by email at info@ietypec.org
- Late application will not be entertained.

- Each team should submit a **project abstract** of **no more than 200 words** in **English** to the online application system. For resubmitting project abstract, each team should submit it to submission@ietypec.org on or before the submission due date stated in Section 6 of this Information Sheet.
- Each team has to submit their **presentation material** for the presentation (e.g. PowerPoint, website, Flash movie, etc.) to submission@ietypec.org on or before the application due date stated in Section 6 of this Information Sheet.

8. REGULATIONS

1. The abstract and presentation must be written and conducted in English.
2. The submitted abstract must be the original work of the registered authors.
3. Full legal and other relevant responsibilities arising from any possible breach of intellectual property rights are entirely borne by the applicants themselves. The organising committee of YPEC 2025 and IET Hong Kong are not responsible for any claims and legal liabilities arising from such dishonest breach.
4. Participants are required to submit their online application, project abstract, and presentation material before the respective deadlines.
5. The submitted abstract must be formatted strictly according to the paper template provided at our official website www.ietypec.org.
6. Violation of regulations 4 or 5 may cause a penalty on the judging marks or disqualification.
7. During each presentation, the chair will indicate the time after eight minutes and then give final indication after ten minutes. The speaker should then finish the presentation as quickly as possible. If necessary, the chair will interrupt the speaker and ask them to stop immediately in order to be fair to other participants.
8. The final judgement absolutely depends on the decisions of the judging panel on all matters and no appeal against it will be accepted.
9. All the personal data provided by means of this event will be treated seriously in strict confidence. It will only be used for activities relating to the YPEC 2025. In accordance with the Personal Data (Privacy Ordinance) Cap.486, the personal data would not, without your prescribed consent, be used for a new purpose or disclosed to any third party.
10. By entering the YPEC, entrants will be consenting to their organisation and innovation being made available to the public. It is, with some limited exceptions, essential that the invention has not been disclosed to the public, or otherwise 'make available to the public', before a patent application has been filed. Therefore, any entrants considering patent protection for their ideas are advised to take appropriate action, such as seeking professional advice, before submitting applications.
11. The organising committee of the YPEC 2025 and IET Hong Kong reserve the rights to explain and modify the regulations without prior announcement.

9. CONTACT US

Details and updates of the YPEC 2025 are available on the official website: www.ietypec.org and Facebook: <https://www.facebook.com/ietypec> (or search "YPEC" on Facebook). For enquiries, please contact us by email to info@ietypec.org.