

香港理工大學(理大)工程項目比賽 2023

比賽章程

一、活動簡介及宗旨

香港理工大學工程學院轄下設有七個學系及其學科包括航空及民航工程學、生物醫學工程學、電子計算學、電機工程學、電子及資訊工程學、工業及系統工程學，及機械工程學，為鼓勵香港中學生更認識及了解各工程學科學習內容及應用範疇，我們特意舉辦了首屆「香港理工大學工程項目比賽」，以智慧生活 (Smart Living) 為主題，設計了一系列六個不同實用性的工程設計項目，讓參賽同學透過由各學系教授及導師領導的工程學科項目，完成作品並提交作評審。理大希望透過此次比賽，開創本地年青人的科學思維。

二、比賽資訊

- 日期及地點：2023 年 7 月 11 至 13 日 (星期二至星期四) 在香港理工大學校園進行。
- 比賽日程：

日期	日程	
7 月 11 日 (星期二)	10:30a.m. – 12:00noon	開幕典禮、工程學院介紹及比賽簡介
	12:00noon – 12:45p.m.	午膳
	1:00p.m – 5:00p.m.	工作坊 (4 小時)
7 月 12 日 (星期三)	10:00a.m. – 1:00 p.m.	工作坊 (3 小時)
	1:00p.m. – 1:45p.m.	午膳
	2:00p.m. – 5:00p.m.	工作坊 (3 小時)
7 月 13 日 (星期四)	10:00a.m. – 12:00noon	工作坊 (2 小時)
	12:00noon – 1:00p.m.	項目比賽
	1:00p.m. – 2:00p.m.	午膳
	2:00p.m – 3:00p.m.	項目展示及投票
	3:00p.m. – 4:30p.m.	頒獎及閉幕典禮

- 頒獎日期及方式：2023 年 7 月 13 日 (星期四) 在香港理工大學校園現場舉行頒獎及閉幕典禮。
- 相關網站「香港理工大學工程設計項目比賽」網站：www.polyu.edu.hk/feng/competition
- 報名流程：
 - (1) 參賽學校進行報名：2023 年 4 月 10 日至 5 月 12 日。
 - (2) 已報名學校，請安排負責老師或參賽同學參加於 2023 年 5 月 5 日 (下午 4:30) 舉行之 Zoom 會議作比賽安排介紹。(有關 Zoom 會議資料將稍後以電郵方式通知)

三、參賽資格

- 中四/中五學生。
- 參賽學生須修讀任何以下其中一項科目：資訊及通訊科技(ICT) / 數學延伸部分單元一或單元二(M1/M2) / 物理 / 生物 / 化學 / 組合科學。
- 4位學生組成一隊參賽，並須經由學校提名。

四、報名程序

- 報名日期由2023年4月10日起至5月12日止。
- 參賽隊伍需由學校提名，並需由所屬學校於 (<https://polyu.hk/jciiZ>) 進行線上報名。
- 請填寫學校、負責老師及參賽學生資料，我們會安排負責老師電郵用作日後聯絡及接收消息的指定郵箱。
- 完成資料輸入並提交報名後，將會收到由工程學院發出的收妥確認電郵。
- 參賽者一旦遞交報名表格，即表示完全同意參賽細則。香港理工大學保留修改參賽細則的權利，如有任何爭議，香港理工大學保留最終決定權。

五、參賽費用

港幣\$400 / 每隊

六、獎項

- 每項工程項目比賽均各設有冠、亞、季軍及優異獎。
- 得獎作品將於比賽活動第三天展示及供學員投票並選出最佳展示獎。
- 所有獲獎隊伍將獲發獎盃及獎狀。
- 冠、亞、季軍及最佳展示獎更將獲贈禮券以作鼓勵。

七、參賽須知

- 參賽同學的個人資料務必正確無誤及符合參賽要求；
- 參賽者資料一經填報後如需作出更改，必須先由校方同意並提交原因供香港理工大學考慮；
- 比賽結果以評審團之決定為最終決定，參賽隊伍不得異議。
- 所有個人資料將會絕對保密，並會用於本賽事及本大學活動，一切資料將根據個人資料(私隱)條例(香港法例第486章)妥善處理及保存，並將於下屆比賽前銷毀；
- 本大學保留就是次賽事最終決定之權利，惟在任何形式及方式的更新將會透過電郵通知各參賽學校及學生，並於網上公佈；
- 有關的個人資料的處理可參閱本大學網頁中有關隱私權政策的說明 (www.polyu.edu.hk/tc/privacy-policy-statement/)；
- 香港理工大學將會於比賽進行期間及開幕/閉幕禮當日安排錄影及/或拍攝，所有比賽過程、得獎作品、訪問片段、活動花絮等均屬香港理工大學所有，日後有機會作宣傳及展覽用途。
- 如遇任何因素引致比賽未能如期舉行，比賽將延後進行，並會作出通知；
- 如遇惡劣天氣，有關比賽日程將會順延至7月14日。

八、查詢

如有任何查詢，請致電 2766 5064，與香港理工大學工程學院聯絡。

電郵地址：denquiry@polyu.edu.hk

The Hong Kong Polytechnic University (PolyU) Engineering Project Competition 2023 Competition Regulations

I. Introduction

The Faculty of Engineering of The Hong Kong Polytechnic University comprises 7 Departments with the disciplines of Aeronautical and Aviation Engineering, Biomedical Engineering, Computing, Electrical Engineering, Electronic and Information Engineering, Industrial and Systems Engineering, and Mechanical Engineering. To encourage secondary school students in Hong Kong to better understand and learn about the contents and application scopes of various engineering disciplines, we have organized the first “Hong Kong Polytechnic University Engineering Project Competition” with the theme of “Smart Living”.

A total of 6 practical engineering skill-based projects have been designed to allow participating students to design and complete their project under the guidance and lectures of our professors and student mentors from departments. The completed projects will be submitted for the competition. PolyU hopes to promote scientific thinking among young people in the local community through this competition.

II. Competition information

- Date and venue: The competition will be held on 11-13 July 2023 (Tuesday to Thursday) at The Hong Kong Polytechnic University campus.
- Competition Schedule:

Date	Schedule	
11 July (Tuesday)	10:30 a.m. – 12:00 noon	Opening ceremony and briefing
	12:00 noon – 12:45 p.m.	Lunch
	1:00 p.m. – 5:00 p.m.	Workshop (4 hours)
12 July (Wednesday)	10:00 a.m. – 1:00 p.m.	Workshop (3 hours)
	1:00 p.m. – 1:45 p.m.	Lunch
	2:00 p.m. – 5:00 p.m.	Workshop (3 hours)
13 July (Thursday)	10:00 a.m. – 12:00 noon	Workshop (2 hours)
	12:00 noon – 1:00 p.m.	Project competition
	1:00 p.m. – 2:00 p.m.	Lunch
	2:00 p.m. – 3:00 p.m.	Project presentation and voting
	3:00 p.m. – 4:30 p.m.	Award presentation and closing ceremony

- Award presentation date and venue: The award presentation and closing ceremony will be held on 13 July 2023 (Thursday) at The Hong Kong Polytechnic University campus.
- For details, please visit
Hong Kong Polytechnic University Engineering Design Project Competition
www.polyu.edu.hk/feng/competition
- Registration process:
 - (1) Participating schools and their school team can register from 10 April 2023 to 12 May 2023.
 - (2) Registered schools should arrange the responsible teacher(s) and/ or participating students to attend a Zoom meeting on 5 May 2023, at 4:30 p.m. The Zoom meeting will introduce the competition arrangement. (Information regarding the Zoom meeting will be sent to you via email.)

III. Eligibility

- Secondary 4 / 5 students.
- Participating students should have taken one of the following subjects: Information and Communication Technology (ICT) / Mathematics Extended Part Module 1 or Module 2 (M1/M2) / Physics / Biology / Chemistry / Combined Science.
- Participating teams should consist of 4 students who are nominated by their secondary school.

IV. Application procedure

- Online registration will be available from 10 April 2023 to 12 May 2023.
- Nomination of student teams should be done via schools and please fill the online registration form (<https://polyu.hk/jciiZ>).
- Please fill the information of school, contact person and participating students, please note that the contact email of the team's teacher will be the main contact point for communication and news update.
- Confirmation email from the Faculty of Engineering will be sent when the registration has been successfully submitted.
- The participants have completely agreed to the terms and conditions once they submitted the registration forms. In case of any disputes, the Hong Kong Polytechnic University reserves the right of final decision.

V. Participation fee

HK\$400 per team

VI. Awards

- Each engineering project will be chosen for Champion, First Runner-up, Second Runner-up and Merit award(s).
- Award-winning projects will be showcased on the third day and made available for students to vote for the Best Showcase Award.
- All winning teams will be awarded with trophies and certificates.
- Champion, First Runner-up, Second Runner-up and Best Showcase Award winners will also receive gift vouchers as a token of encouragement.

VII. Notes on participation

- Personal information of participating students must be accurate and meet the requirements for participation at the competition.
- Should there be any changes that need to be made to the participant's information after submission, approval from the school must be obtained and justifications be provided for consideration by The Hong Kong Polytechnic University.
- The competition result is subject to the final decision of the judging panel and the participating teams shall not object.
- All personal information will be kept strictly confidential and will be used for the competition and the related activities of The Hong Kong Polytechnic University. All data will be handled and stored in accordance with the Personal Data (Privacy) Ordinance (Chapter 486 of Hong Kong Laws) and will be destroyed before the next competition.
- The Hong Kong Polytechnic University reserves the right to make the final decision regarding the competition, but any changes in form or manner will be communicated to all participating schools and students via email and announcement will be made at the website.
- Regarding the handling of personal data, please refer to the privacy policy on The Hong Kong Polytechnic University website (www.polyu.edu.hk/en/privacy-policy-statement/).
- The Hong Kong Polytechnic University will arrange video recording and/or filming during the competition and on the opening and closing ceremonies. All the competition process, winning projects, interview clips, event highlights, etc. are owned by the Hong Kong Polytechnic University and may be used for any exhibition or promotional purposes in the future.
- In case of any factors causing the competition not to be held as scheduled, the competition will be postponed, and a notification will be sent.
- In case of inclement weather, the competition will be postponed to 14 July 2023.

VIII. Enquiries

For enquiries, please contact the Faculty of Engineering, The Hong Kong Polytechnic University at 2766 5064.

Email address: denquiry@polyu.edu.hk