

## **The G.T. College – International Science Project Competition (GTC-ISPC) 2026**

### **Mission**

The competition aims to enhance the interest and passion of secondary school students in science and technology, engage them to use scientific inquiry and innovative approach to address the global challenges, connect talented young scientists to exchange and showcase their knowledge of science, technology, engineering and mathematics which are crucial for developing innovations and build a community to connect young scientists with leading experts from universities and research institutions to promote a deeper understanding of advanced science and technology.

### **Theme**

#### **Build for Humanity**

As complex global challenges continue to evolve, the world is going through a transformation which is changing the way we live and relate to one another. The Fifth Industrial Revolution is more than technology-driven change; it gives rise to a future filled with opportunity for everyone to harness emerging technology in order to serve human needs and create a sustainable and inclusive future. We invite research projects in **Biological Science & Chemistry, Physics & Engineering** and **Computer Science** that using technology-based and innovative solutions to make positive impact to society. This year, a new, optional category is introduced to the challenge: the **AI Innovation Award**. This award recognizes projects that not only excel in their core discipline but also thoughtfully and effectively integrate Artificial Intelligence to push the boundaries of their research.

### **Judging Panel**

The competition will be judged by a Panel of Professors from Universities and technologists from Research Institutions.

### **Awards**

1. Trophies and Certificates of Merit will be awarded to the winning teams of **Champion, 1<sup>st</sup> runner-up** and **2<sup>nd</sup> runner-up**.
2. Certificates of Merit will be awarded to ‘**Science Innovation Award**’, ‘**Best Presentation Award**’, ‘**Greatest Potential Award**’ and ‘**AI Innovation Award**’.
3. Finalist Certificates will be awarded to the top 20 teams.
4. The **top 10 shortlisted team** will attend the Final Round Competition, STEM Exhibition, STEM Forum cum Prize-giving Ceremony and Science Excursion Activities on 9 & 10 January 2027. Free 3-days and 2-nights’ accommodation will be arranged for non-local teams on 8 – 10 January 2027.

## **Competition Details**

1. The competition is open to all S1 to S5 secondary school students (grade 7 to grade 11 for international schools).
2. Each participating school can nominate one team and consist of maximum 3 students and one teacher coordinator in the competition.
3. The nominated students must be currently studying in S1 to S5 (grade 7 to grade 11).
4. All members in a team must be from the same school.
6. Each team is required to submit research paper detailing research or an invention to address real-world issues.
7. The research paper shall be written in **English**.
8. The research work that has been submitted to other competitions will be accepted provided that it has not received any awards.
9. The Organizing Committee reserves the right to reject or disqualify any entries. In case of any disputes, the decision of the Organizing Committee should be final.

## **Judging Panel**

The competition will be judged by a Panel of Professors from Universities and Research Institutions.

## **Timeline**

<b>30 March 2026</b>	: Call for application
<b>30 June 2026</b>	: Deadline for nomination of projects
<b>24 September 2026</b>	: Deadline for submission of research papers
<b>October 2026</b>	: Initial screening of research papers by Judging Panel
<b>November 2026</b>	: Result announcement of First Round Competition
<b>9 January 2027</b>	: Final Round Competition, STEM exhibition, STEM Forum cum Prize-giving Ceremony

## **First Round Competition**

1. The written research paper should follow the specific requirement below:

(i) The format of research abstract is as follows:

- Title: Calibri, bold and 14-point
- Abstract: Calibri, 12-point and 1.15 line spacing
- Written in English with maximum 300 words
- Keywords: Calibri, 12-point (no more than 6 words in English)

(ii) The format of the research paper is as follows:

- Calibri, 12-point and 1.5 line spacing
- Written in English with maximum **3,500 words**, not including abstract, appendices and references

2. The submitted projects must be original work by the teams using standard school science laboratory apparatus and equipment.

3. Participating team must submit the written research paper on or before 11:59pm on 24 September 2026.

4. Written research paper can be submitted in softcopies via email at [gtcispc@gtcollege.edu.hk](mailto:gtcispc@gtcollege.edu.hk)

5. A completed **GTC-ISPC DECLARATION FORM** with students' signature must be uploaded and **GTC-ISPC ATTRIBUTION FORM** must be filled in order to complete the submission process.

6. The Judging Panel would review all proposals and shortlist 10 teams to the Final Round based on the assessment criteria provided below.

7. Participating teams are not allowed to amend or replace the submitted proposal and combination of team members on any occasion.

## **Final Round Competition and Project Exhibition**

1. The Organizing Committee will notify shortlisted teams of the Final Round via email in November 2026.

2. Shortlisted teams will be given **20 minutes** including 10-minute presentation and 10-minute Q&A to present their research work to the Judging Panel.

3. The presentation will be held in **English**.

4. Shortlisted teams will showcase their research projects in a STEM Exhibition.

5. The Judging Panel would base on the assessment criteria provided in **GTC-ISPC 2026 Guidelines and General Rules** to identify award winners.

6. Further arrangement will be announced closer to the event date.