



บันทึกข้อความ

สำนักงานคณะกรรมการการศึกษาขั้นพื้นฐาน
เลขที่ 18848
วันที่ 12 ก.พ. 2562
เวลา

ส่วนราชการ สำนักงานปลัดกระทรวงศึกษาธิการ สำนักความสัมพันธ์ต่างประเทศ โทร. ๐๒๒๘๐๖๖๖

ที่ ศธ ๐๒๐๕/๒๖๑๘

วันที่ ๘ กุมภาพันธ์ ๒๕๖๒

เรื่อง การแข่งขัน 7th Young Inventors Challenge (YIC) 2019

เขต.สง.ศ. 3.๓๔	รับ
เลขที่ 3068	
วันที่ 12 ก.พ. 2562	
(๓๓๐) 2019.ในหัวข้อ 14.37	

เรียน เลขาธิการคณะกรรมการการศึกษาขั้นพื้นฐาน

ด้วยสำนักงานเลขาธิการซีมีโอ แจ้งว่า Associate of Science, Technology and Innovation (ASTI) ประเทศมาเลเซีย จะจัดให้มีการแข่งขัน 7th Young Inventors Challenge (YIC) 2019 ในหัวข้อ “Sustainable Development Goal 12: Responsible Consumption and Production” โดยมีวัตถุประสงค์ เพื่อเปิดโอกาสให้เยาวชนได้พัฒนาและนำเสนอสิ่งประดิษฐ์ และนวัตกรรมใหม่ ๆ

ในการนี้ ผู้จัดขอเชิญนักเรียนระดับชั้นมัธยมศึกษา อายุระหว่าง ๑๓ - ๑๗ ปี เข้าร่วมการแข่งขันดังกล่าว โดยผู้สนใจจะต้องส่งใบสมัคร และเอกสารที่เกี่ยวข้องไปที่ yic2510@gmail.com ภายในวันที่ ๒๘ กุมภาพันธ์ ๒๕๖๒ ทั้งนี้ สามารถศึกษาข้อมูลเพิ่มเติมได้ที่เว็บไซต์ www.asti.org.my หรือสอบถามข้อมูลได้ที่ yic2510@gmail.com ตามรายละเอียดดังแนบ

จึงเรียนมาเพื่อโปรดพิจารณาประชาสัมพันธ์ให้ผู้สนใจได้ทราบต่อไปด้วย จักขอบคุณยิ่ง

(นางสาวสุริยา อมตวิวัฒน์)

ผู้ตรวจราชการกระทรวงศึกษาธิการ
ปฏิบัติราชการแทนปลัดกระทรวงศึกษาธิการ



SOUTHEAST ASIAN MINISTERS OF EDUCATION SECRETARIAT

920 Sukhumvit Road, Bangkok 10110, Thailand. Tel: +66 (0) 2391-0144, 2391-0256, 2391-0554 โทรสาร +66 (0) 2381-2587
http://www.seameo.org E-mail: secretariat@seameo.org Fax: +66 (0) 2381-2587

เลขที่	4-0
วันที่	- 7 ก.พ. 2562
เวลา	15.25
ผู้อำนวยการสำนักงานปลัดกระทรวงศึกษาธิการ	

Ref: 12.101 / 101 / 19

1 February 2019

Mr Karoon Sakulpradit
Permanent Secretary
Ministry of Education
Ratchadamnoen Nok Road
Dusit, Bangkok 10300

Dear Mr Karoon,

Call for Participation in the 7th Young Inventors Challenge (YIC) 2019

The Southeast Asian Ministers of Education Organization (SEAMEO) Secretariat is pleased to share the 7th Young Inventors Challenge (YIC) 2019 on the theme: "**Sustainable Development Goal 12: Responsible Consumption and Production**". This competition is supported by the Associate of Science, Technology and Innovation (ASTI), Malaysia.

In this regard, we would like to extend an invitation to you to disseminate the letter and call for the participation in the said competition. The details are attached for your kind reference. The Associate of Science, Technology and Innovation (ASTI) looks forward to receiving the application and proposal submission via yic2510@gmail.com on or before **28 February 2019**.

Should you have any inquiries, please do not hesitate to contact Ms Vanitha Vasu at email address at above-mentioned or visit www.asti.org.my.

My heartfelt thanks for your kind cooperation and dissemination this letter.

Yours sincerely,

Gatot Hari Priowirjanto
Director

- Encl: 1. Cover Letter
2. Brochure
3. Reply Form

cc: Mrs Kanittha Hanirattisai, Acting Director, Bureau of International Cooperation

OS/cn

Handwritten signature and date in Thai script.

Dear Sir/Madam,

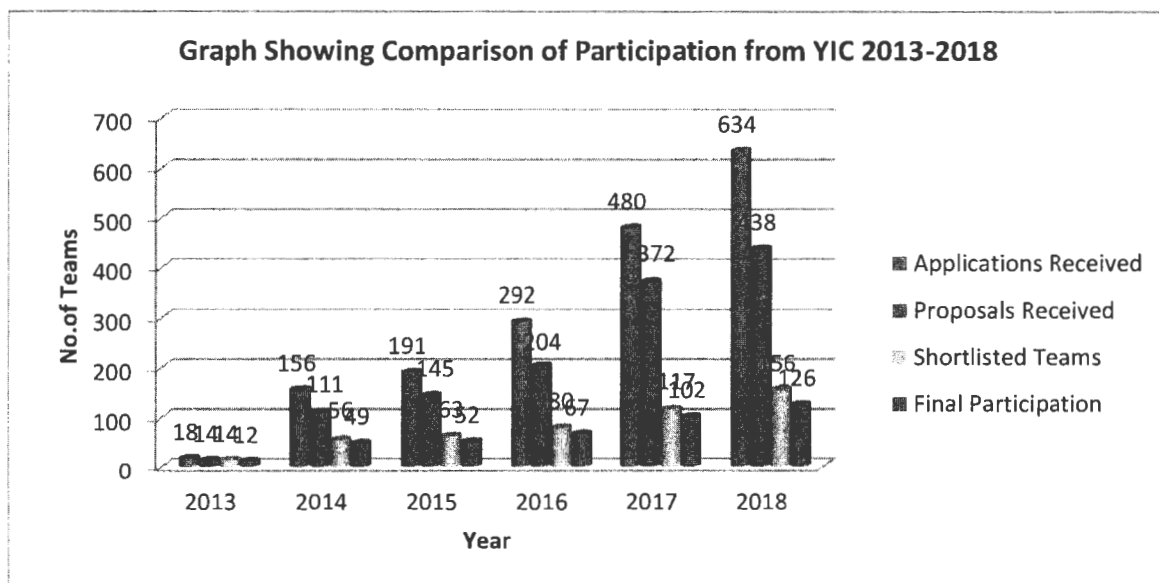
RE: INVITATION TO PARTICIPATE IN YOUNG INVENTORS CHALLENGE (YIC) 2019

It is with great pleasure, on behalf of Association of Science, Technology and Innovation (ASTI), I would cordially invite students from your schools to take part in Young Inventors Challenge 2019. The challenge is team based and the team members can come from more than 1 school. The prestigious event is based on proposals received, and the shortlisted best proposals will be chosen by more than 100 expert judges. These teams will be invited to participate in the grand finale.

The Association of Science, Technology and Innovation (ASTI) is a non-governmental organization (NGO), and also a non-profit oriented organization working towards empowering young children through various projects such as Science Fair for Young Children (SFYC), Young Inventors Challenge (YIC), Creative and Critical Thinking Camp (CCTC), ASTI Leap Challenge (ALC), "On the Wings of Fire Series" and ASTI outreach programmes. Please refer to our website www.asti.org.my for more information regarding our projects.

Young Inventors Challenge (YIC) requires teams of up to 4-5 secondary school students to put their minds together and come up with an invention. The purpose of the programme is to build and encourage the creative and inventive capabilities of our young people.

We started this program in 2013 as a pilot, and the response thus far has been remarkable as we have been growing at almost 100percent year on year as shown in the graph below:



This coming year, YIC 2019 will be our 7th year and we would like to expand the competition even wider to invite more teams from various Asian countries. The theme for this year is "**SUSTAINABLE DEVELOPMENT GOALS 12: RESPONSIBLE CONSUMPTION AND PRODUCTION**" and the guidelines for participation are as shown below:

Step 1: Form a Team of 4 or 5 people

Step 2: Email (yic2510@gmail.com) /Fax (03-7872 9551) your team's details with the following information by the 28 February 2019

SCHOOL NAME & STATE:		
TEAM NAME:		
MENTOR/TEACHER NAME:		
MENTOR/TEACHER CONTACT NUMBER:		
MENTOR/TEACHER EMAIL ID:		
NO	PARTICIPANT'S NAME	IC NUMBER/PASSPORT NUMBER
1		
2		
3		
4		
5		

Step 3: ASTI emails out Young Inventors Challenge Students Manual and Proposal Writing Online Video

Step 4: Develop the invention proposal based on the Students Manual and Proposal Writing Online Video

Step 5: Submit invention proposal to ASTI by the 28 March 2019

Step 6: Shortlisted teams will be notified via email by 8 May 2019 and required to pay commitment fee of **USD 100** per team within 2 weeks of the notification. (Booth and food will be provided for all the participants). (The reason we are requesting for commitment fee is because YIC 2018, 10 teams did not turn up on the event day without any notification after all the preparations were done.)

Step 7: Shortlisted teams will be guided with Online Training May –June 2019

Step 8: 3 months to develop inventions

Step 9: Inventions prototype showcased at the Grand Finale in September 2019

Please refer to attached Young Inventors Challenge Flyers for more information. If you are interested to take part, reply to us with the details of teams and participants as per table above in Step 2 by the 28 February 2019. Your school can submit as many proposals as you like (but 1 team, 1 proposal only).

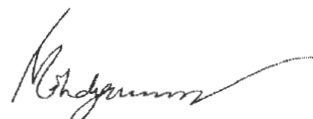
On behalf of ASTI, we are hoping that you could disseminate this information to your teachers and we look forward to your positive response and participations.

Yours Sincerely,



Mr. Anandan Shanmugam
Project Director
YIC 2019

Yours sincerely,



Dr. Mohamed Yunus bin Mohamed Yasin
President
ASTI

The Competition...

The **Young Inventors Challenge 2019** is our 7th Invention/Innovation competition which aims to encourage secondary school students aged between 13-17 to cooperate as a team (4-5 students) to find innovative solutions to current-day problems.

Additionally there are 2 competitions, a written report and a short video competition if there are any interest.

The Organizer...

Association of Science, Technology and Innovation (ASTI) is a non-governmental organization (NGO) and also a non-profit-oriented organization working towards empowering young children through various projects such as **Science Fair for Young Children (SFYC)**, **Young Inventors Challenge (YIC)**, **Creative and Critical Thinking Camp (CCTC)**, **ASTI Leap Challenge (ALC)**, **Wings of Fire Series** and **ASTI outreach programmes**.

The Objective...

- To develop future inventors/innovators;
- To give an opportunity to young and future inventors/innovators to develop and showcase their inventions/innovations.
- To help young inventors/innovators to experience the inventive cycle, from conceptualisation to product/prototype.
- To introduce the idea of "using inventions/innovations as a tool to make a positive change in society".
- To give opportunities to young people who are inventive to promote their ideas to the outside world.

The Awards...

- **3 Best Proposals** will receive RM 500, RM 300 and RM 200 respectively
- **1 X Platinum Award** – RM 2500 with Certificates, medals and Challenge Trophy
- **2 X Gold Awards** –RM 2000 each with Certificates and medals
- **3 X Silver Awards** –RM 1500 each with Certificates and medals
- **4 X Bronze Awards**–RM 1000 each with Certificates and medals
- All participants will be awarded a Certificate of Participation.

Who Can Participate?

- Secondary school students aged between 13 and 17 or Form 1 to 5.
- A team of 4 – 5 young people.
- Teams made up of different races & cultures are highly encouraged.
- Able to write a proposal and do presentation in the English Language.

What TEAMS have to do?

The United Nation's Sustainable Development Goals (SDG) are the blueprint to achieve a better and more sustainable future for all. They address the global challenges we face, including those related to poverty, inequality, climate, environmental degradation, prosperity, and peace and justice. There are 17 SDG all together, GOAL No.12 speaks about "Responsible Consumption and Production". Waste in all forms has been a global issue. Refer to: <https://www.un.org/sustainabledevelopment/sustainable-consumption-production/>

This year's YIC theme is: Invention to address issues discussed in SDG No.12. You are required to invent a product and/ or process and/or experiments that is able to provide a resolution in some form and has an impact on SDG 12. Participants are required to innovate and aim to produce a working prototype, experiment and/ or a scaled model. A report write-up and a video presentation is also required to ascertain the commercial viability of the participant's invention.

HOW TO PARTICIPATE?

Form a Team of 4 or 5 people

Email (yic2510@gmail.com) / Fax (603-7872 9551) your team's details by the **28 February 2019**

ASTI emails out Young Inventors Challenge Students Manual and Proposal Writing Online Video

Develop the invention proposal based on the Students Manual and Proposal Writing Online Video

Submit invention proposal to ASTI by the **28 March 2019**

Shortlisted teams will be notified via email by **8 May 2019** and required to pay commitment fee of USD 100 per Team within 2 weeks of the notification.
(Booth and Food will be provided for all the participants)

Shortlisted Teams will be guided with Online Training **May –June 2019**

3 months to develop inventions

Inventions prototype showcased at the Grand Finale in **September 2019**



For further details, kindly contact:

Ms. Vanitha Vasu

Association of Science, Technology and Innovation (ASTI)

No.16A, Jalan 21/12, Sea Park, 46300 Petaling Jaya, Selangor Darul Ehsan

Tel: 03-7877 8571 / 03-7865 5557 Fax: 03-7872 9551 Email: yic2510@gmail.com

www.asli.org.my



Young Inventors Challenge 2019

Theme:

**"Sustainable Development Goals 12 :
Responsible Consumption and Production"**



Pertubuhan Sains, Teknologi dan Inovasi (PPM-012-10-25102012)
No.16A, Jalan 21/12, Sea Park, 46300 Petaling Jaya, Selangor
Tel: 03-78778571/03-78655557
Email:yic2510@gmail.com Website:www.asti.org.my



YOUNG INVENTORS CHALLENGE 2019 (YIC 2019)

PARTICIPATION CONFIRMATION REPLY FORM

SCHOOL NAME & STATE:		
TEAM NAME:		
MENTOR/TEACHER NAME:		
MENTOR/TEACHER CONTACT NUMBER:		
MENTOR/TEACHER EMAIL ID:		
NO	PARTICIPANT'S NAME	IC NUMBER/PASSPORT NUMBER

COMPLETE THIS REPLY FORM AND

Fax: 03-78729551 OR Email: yic2510@gmail.com