

马来西亚 MALAYSIA

陈嘉庚青少年发明奖 TanKahKee Young Inventors' Awards

2018

大胆创新 Daring Innovation

鼓励青少年运用所学的知识技能，大胆创新

To encourage our youths to use their knowledge and skills imaginatively and with daring innovation

激发创意思维，推动马来西亚的科学技术研究

To stimulate creativity among our youths and promote scientific and technological research in the country

发掘人才

To contribute to our talent pool

鼓励青少年不断思考，用新的视角解决问题

To inspire our youths to constantly think of new and creative ways of solving problems

培养青少年用富有创造性的方式对待学习和生活

To inculcate in our youths an innovative approach to their studies and life



奖项 Awards

一等奖：奖牌、证书、奖金 RM3000

First Prize: Medal, Certificate & Cash RM3000

二等奖：奖牌、证书、奖金 RM2000

Second Prize: Medal, Certificate & Cash RM2000

三等奖：奖牌、证书、奖金 RM1000

Third Prize: Medal, Certificate & Cash RM1000

优异奖：奖牌、证书

Merit: Medal, Certificate

表扬奖：证书

Commendation: Certificate

入围奖：证书

Encouragement: Certificate

联络方式 Contact

电脑科学与资讯工艺系

DEPARTMENT OF COMPUTER SCIENCE AND IT

新纪元大学学院 New Era University College

Block B, Lot 5, Seksyen 10,

Jalan Bukit, 43000 Kajang, Selangor.

电话 Tel : 03-87392770 分机 Ext : 418, 423

传真 Fax : 03-87336799

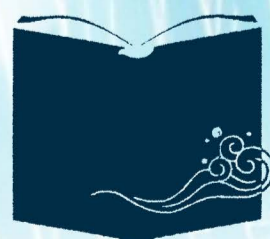
网址 Website : <https://www.newera.edu.my/competition/tkkyiam/ch/index.php>

报名与作品结交截止日期：2018年4月16日

Register closing date: 16 April 2018

联办单位

Co-Organizer



陳嘉庚
國際學會
TAN KAH KEE
INTERNATIONAL SOCIETY



南大教育与研究基金会



NEW ERA
UNIVERSITY COLLEGE
新纪元大学学院



2018年第八届陈嘉庚青少年发明奖(马来西亚)

缘起

新加坡陈嘉庚青少年发明奖成立于1986年5月，由陈嘉庚基金名誉顾问、诺贝尔奖得主杨振宁教授倡导兴办。杨振宁教授当初建议成立这个奖项是为了鼓励学生和青年人勤思考，多从事新事物的发明和创造，不要把所有的注意力放在考试成绩上。

这个奖项创立至今，参赛作品不断增加，奖项的竞争也日益激烈，并为青少年展示思考能力和运用科学理论解决现实问题提供了宝贵机会。2002年，此奖项进一步扩展到区域的范围，陈嘉庚基金与上海大学、复旦大学以及上海交通大学等多所学府合作，举办上海陈嘉庚青少年发明奖，受到上海高校的重视。

2010年，南大教育与研究基金会（以下称“南大基金会”）与新加坡陈嘉庚国际学会达成共识创办马来西亚陈嘉庚青少年发明奖，并于2011年与马来西亚新纪元学院联合主办这项赛会。承继新加坡陈嘉庚青少年发明奖的创办原旨，这个奖项着眼于激发年轻人的创新精神，推广科学技术研究。

其宗旨包括：

- * 鼓励青少年运用他们所学的知识技能，大胆创新；
- * 激发创意思维，推动马来西亚的科学技术研究；
- * 发掘人才；
- * 鼓励青少年不断思考，用新的视角来解决问题；
- * 培养青少年用富有创造性的方式对待学习和生活。

此奖项于2011年以马来西亚雪兰莪和吉隆坡区内8所华文独立中学作为起点，根据参赛者的年级分设初中组和高中组，公开予这8所独中的同学自由参加。2012年，此奖项进一步扩展到森美兰及国民型中学。至今起，此奖项开放给全马华文独立中学及雪隆区，森美兰州与马六甲国民型中学。

这项发明奖由马来西亚陈嘉庚青少年发明奖委员会策划组织。委员会成员包括新加坡陈嘉庚国际学会、南大基金会与新纪元大学学院的代表。评审团成员则包括各大专、学术团体、研发机构或实业单位的专业人员/学者。

规则与条例

目前只限全马华文独立中学及雪隆区，森美兰州与马六甲国民型中学。比赛分设

初中组（独中：初一至初三；国民型：Form 1至Form 3）

高中组（独中：高一至高三；国民型：Form 4至Form 6）

1. 参赛资格：凡是上述学校在籍学生（以截止日期为准），皆可参加该组别的比赛。
2. 参赛者可单独参赛或组成不超过3人的小组参赛。
3. 比赛评选主要注重发明作品的原创性60%、可行性20%和实用性20%。
4. 参赛者可以在以下网址填写报名表格及上传资料报告：
www.newera.edu.my/competition/tkkyiam/ch
5. 每间学校各组（初中、高中）可呈交至多30份作品；每一位参赛者可呈交至多作品。
6. 参赛作品必须未在任何校外竞赛中得过奖，也不可同时参加其他类似比赛。若得奖作品在奖项公布后发现有其他比赛获奖，将被取消奖项资格及须退回所有奖品。
7. 参赛作品必须是参赛者的发明；任何抄袭作品将不受理；违规作品将被取消参赛资格。
8. 截止日期：所有参赛作品资料须于**2018年4月16日**或之前呈交至主办单位。
9. 只有入围的参赛者才会获邀参加面试，在评委面前展示并讲解他们的作品。
10. 参赛者需自行承担制作、呈交发明作品以及参赛的一切相关费用，无需报名费。赛者在报名和呈交作品资料时，就必须准备好该作品的实物模型，以备受邀参加面试时携带呈交。
11. 主办单位不负责任何作品版权问题。
12. 评委对比赛结果有最终决定权。如果参赛作品没有达到应有水平，评审团有权不发该奖项。

- 13.为配合发明奖颁奖典礼，获奖者需根据主办单位的要求提供获奖作品的实物模型参加展览，主办单位将通知获奖者展览的地点与日期。
- 14.在颁奖礼和展览活动结束后，参赛者必须领回作品实物模型，否则主办单位将有权自行处理未被领回的发明品实物。
- 15.主办单位有权在未发出事先通知前修改规则与条例。
- 16.若参赛作品已在任何媒体或公开场合展示，将不允许参赛。

奖项

赛会将按初中及高中组分设

一等奖：颁予奖牌、证书及奖金马币 3000 元

二等奖：颁予奖牌、证书及奖金马币 2000 元

三等奖：颁予奖牌、证书及奖金马币 1000 元

优异奖：颁予奖牌及证书

表扬奖：颁予证书

入围奖：颁予证书

同时，大会也将设立全场团体奖项，以各别学校参赛作品的入围和获奖次数积分，依据得分总和从参赛学校中决出全场冠、亚、季军，并颁予奖杯。计分方式依序如下：

一等奖：31 分

二等奖：15 分

三等奖：7 分

优异奖：2 分

表扬奖：1 分

2018 The 8th Tan Kah Kee Young Inventors' Award (Malaysia)

Tan Kah Kee Young Inventors Award (Singapore) was established in May 1986, advocated by Nobel Laureate Professor Yang Chen Ning, also advisor of Tan Kah Kee Foundation. Professor Yang had recommended this award to encourage students and young people to engage themselves more in invention and creation instead of focusing solely on exam results.

In 2002, this award was extended to the universities in Shanghai. The participants included students and staff from both universities and high schools in Shanghai.

In 2010, Nantah Education and Research Foundation reached an agreement with Singapore Tan Kah Kee International Society to jointly organize the Tan Kah Kee Young Inventors' Award in Malaysia (TKKYIAM). In 2011, New Era University College became a co-organiser. The objectives of Tan Kah Kee Young Inventors' Award are to:

1. Encourage young people to use their knowledge and skills imaginatively and creatively;
2. Stimulate creativity among our youths and promote scientific and technological research in the country;
3. Discover new talents;
4. Inspire our youths to constantly think of new and creative ways of solving problems;
5. Inculcate into our youths an innovative approach in life and in learning.

In 2011, this award was only opened to the 8 Chinese High Schools in Kuala Lumpur and Selangor. In 2012, this award was further extended to Negeri Sembilan and the National-type secondary schools. This year, **all the Chinese High schools in Malaysia** are invited.

The committee members of TKKYIAM include the representatives from Singapore Tan Kah Kee International Society, Nantah Foundation and New Era University College, Malaysia. The judges include professionals in the fields of Physics, Chemistry, Biology and Engineering.

Rules and Regulations

All the Chinese Independent High Schools in Malaysia, National-type secondary schools from Kuala Lumpur, Selangor, Negeri Sembilan and Melaka are invited to participate in the contest. The competition is divided into:

Junior Division (CHS: Form 1 to Form 3; SMJK: Form 1 to Form 3)

Senior Division (CHS: Form 4 to Form 6; SMJK: Form 4 to Form 6)

1. Eligibility: Any students of the above schools are eligible to participate in the contest.
2. Participants can take part in the contest individually or in a group of not more than 3 students.
3. The originality 60%, feasibility 20% and practicality 20% of the invention works are the main focus in the contest.
4. Participants must fill out the registration form and upload their invention report on the following website: www.newera.edu.my/competition/tkkyiam/en.
5. Each group (Junior and Senior) can submit up to 30 entries; individual participants can submit up to 2 entries.
6. Entries which have been used in other similar competitions or have won a prize in any public contests are strictly prohibited.
7. The entries must be the participants' own works; any plagiarized works will not be accepted.
8. Deadline: All entries have to be submitted on or before 16 April 2018.
9. Only shortlisted candidates will be invited to attend an interview to present their inventions.
10. No registration fee is required. However, participants need to bear all the cost of their inventions. The physical model of the invention must be ready when the participants attend the interview.
11. The organizers are not responsible for any copyright issues.

12. The panel of judges have the right to make the final decision of the competition results. If the invention works do not reach the required standard, the judges have the right to reserve the award.
13. The winners have to submit their invention works for exhibition. The venue and date of the exhibition will be notified by the organizers.
14. The organizers will take charge of the invention works during the exhibition but will not be held responsible for any damage or loss that may occur.
15. The winners are to collect their works from the organizers after the exhibition. Otherwise, the invention works will be disposed of by the organizers.
16. The organizers reserve the right to modify the rules and regulations.
17. Entries which have been exhibited in any other public occasions will not be accepted.

Awards

Winner of the junior and senior divisions will be given the following prizes:

First prize	: A medal, a certificate and RM 3000
Second prize	: A medal, a certificate and RM 2000
Third prize	: A medal, a certificate and RM 1000
Merit prize	: A medal and a certificate
Commendation prize	: A certificate
Encouragement prize	: A certificate

Group awards will also be given to schools with the highest scores:

First prize	: 31 points
Second prize	: 15 points
Third prize	: 7 points
Merit prize	: 2 points
Commendation prize	: 1 point