

INSPIRING INNOVATION EMPOWERING TOMORROW

TAN KAH KEE YOUNG INVENTORS' AWARD 2025



20 SEPT 2025
PROGRAMME



GUEST-OF-HONOUR

Assoc Prof Dr Muhammad Faishal Ibrahim

Acting Minister-in-charge of Muslim Affairs

Senior Minister of State,

Ministry of Home Affairs



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Organised by:



陳嘉庚基金會

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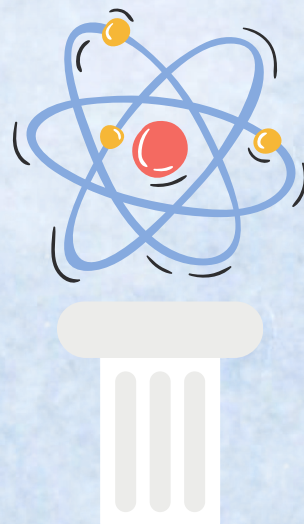
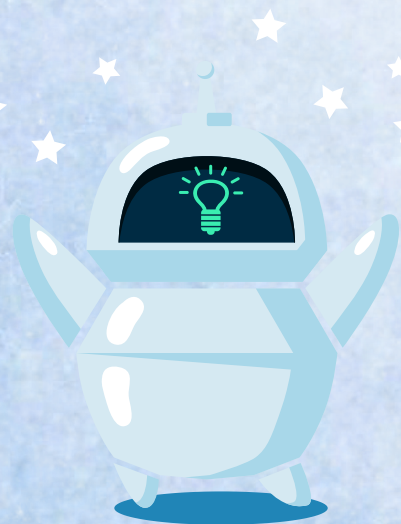
Programme Flow

Time	Description
10:00 AM	Arrival of GOH Welcome Party: Mr Lawrence Tan Han Tong, Chairman of Tan Kah Kee Foundation Prof Wong Limsoon, Chairman of Tan Kah Kee Young Inventors' Award Ms Tham Mun See, Chief Executive of Science Centre Board Prof Kwek Leong Chuan, TKKF Asst Hon Secretary
10:05 AM	Opening Remarks & Welcome Address Prof Wong Limsoon Chairman of Tan Kah Kee Young Inventors' Award Committee Member, Tan Kah Kee Foundation
10:10 AM	Introduction of GOH Keynote Address – Guest-of-Honour Assoc Prof Dr Muhammad Faishal Ibrahim Acting Minister-in-charge of Muslim Affairs; Senior Minister of State, Ministry of Home Affairs
10:20 AM to 10:55 AM	Presentation of Young Inventors' Award to all Awardees Presented by: Assoc Prof Dr Muhammad Faishal Ibrahim, Guest-of-Honour Accompanied by: Prof Wong Limsoon, Chairman of Tan Kah Kee Young Inventors' Award Mr Lawrence Tan, Chairman of Tan Kah Kee Foundation
11:15 AM	Launch of Virtual Exhibition Assoc Prof Dr Muhammad Faishal Ibrahim, Guest-of-Honour Mr Lawrence Tan, Chairman of Tan Kah Kee Foundation Prof Wong Limsoon, Chairman of Tan Kah Kee Young Inventors' Award Ms Tham Mun See, Chief Executive of Science Centre Board TKKF Committee Members, TKKYIA Committee Members, TKKYIA Judges
11:35 AM	End of Award of Ceremony Tour of Physical Exhibition (Merit & Commendation Awardees) Assoc Prof Dr Muhammad Faishal Ibrahim, Guest-of-Honour Mr Lawrence Tan, Chairman of Tan Kah Kee Foundation Prof Wong Limsoon, Chairman of Tan Kah Kee Young Inventors' Award Ms Tham Mun See, Chief Executive of Science Centre Board

TAN KAH KEE
YOUNG INVENTORS' AWARD 2025
virtual exhibition

VOTE FOR YOUR FAVOURITE INVENTIONS

- 1 Scan the QR code to register an account.
- 2 Click on <Voting> to view the Virtual Exhibition.
- 3 Pick your 5 favourite inventions and leave a vote!
- 4 Complete the feedback form (link can be found on the exhibition page or bio).
- 5 Follow us on INSTAGRAM & TIKTOK - @tkkfoundation_org
- 6 You are now eligible for the Lucky Draw!
- 7 Voting ends on 5 Oct 2025, 2359 hours.



List of Awardees (Junior)

NO.	ENTRY NAME	SCHOOL	TEAM MEMBERS	AWARD
1	Don't Lose IT! - The Toilet Paper End Catcher	Raffles Girls' Primary School	Lee Wen Hui	Merit
2	GyroTray	Rulang Primary School	Chee Yan Kai	Merit
3	Planet Rinse	Methodist Girls' School	Elizabeth Wong Tian Ling	Merit
4	Tappy Chat	Pathlight School	Poh Aqil Abidin	Merit
5	Wind Resistance Umbrella Strap	Paya Lebar Methodist Girls' School	Clarisse Tai Jia Rui	Merit
6	ClipCatch	Self	Ricky Yang QinHong	Commendation
7	Coat'N'Zorb	Methodist Girls' School	Abbilyn Peh Xin Ping	Commendation
8	Brick Buddy	Nanyang Primary School	Chua Ming Feng Skylar	Encouragement
9	Ice Cream Holder	Chongfu School	Janesse Chong Jie Ting Stanley Koh Jia Cheng Tay Seong Ho, Belissa	Encouragement
10	Ironing Made Fun	Catholic High School	Zhang Chi Wang Yuhao Yuhann Petisme	Encouragement
11	Page Saver	Keming Primary School	Zhang Jingzhe Chen Cheng Sam Tan Yu Sin	Encouragement
12	Blitz Duster M1	Keming Primary School	Wang Dexin Low Jun Yi Jayden	Judges' Special Mention
13	MuJong: A Modular Music Theory Education System Using Tile and Card-Based Gameplay	Woodlands Primary School	Boo Ki Ki	Judges' Special Mention

List of Awardees (Student)

NO.	ENTRY NAME	SCHOOL	TEAM MEMBERS	AWARD
1	eReflex	Anglo-Chinese School (Independent)	Kanwar Siddharth Lather Arkin Talukdar	Merit
2	Hydropod	School of Science and Technology	Fu Cai Gui Li Jiayou	Merit
3	Magillow	CHIJ St. Nicholas Girls' School	Joy Li Ang Zi Yan Kayla Sampat Heer Dharmesh	Merit
4	Sockholm Syndrome	Raffles Girls' School	Claire Au Qi En Celine Quek Shu Ting	Merit
5	VersaView	River Valley High School	Yeo Jun Zhe, Lerwin How Jing Lui Luo Yuecheng	Merit
6	Germination Optimisation System	Riverside Secondary School	Leong Wei Hao Alec Taiyo Lisa Wan	Commendation
7	MethanoPops - Compost Bio-Cover as Fire & Methane Mitigation for Tropical Landfills	Self	Kailash Lim Jin	Commendation
8	Nav Bella	New Town Secondary School	Ryan Toh	Commendation
9	Rackanized the Window Clothes Hanger	Bukit Batok Secondary School	Hazel Goh	Commendation
10	SensAir	Singapore American School	Ishaan Puri Anvay Mathur	Commendation
11	Magnetic Bottle Buddy	Self	Edsel Sia	Encouragement

List of Awardees (Senior Student)

NO.	ENTRY NAME	SCHOOL	TEAM MEMBERS	AWARD
1	SMART (Sustainable, Modular, Additively-manufactured, Robust, Tower-style) Urban Farming	Raffles Institution	Ang Gedeon Kusuma	Merit
2	Non-Topple Flower Pot with Mechanical Gyroscope Stabilization	ITE – College Central	Aaron Cheng Yu Yang Zyan Iman Jamal De Castro Aaron Lacuarin	Commendation
3	SENS	Temasek Polytechnic	Chng Jing	Commendation
4	Signed Stories	Temasek Polytechnic	Ely Arini Binte Azmy	Commendation
5	sTap	Self	Foo Le Yong Samuel Tan Kai Yang	Commendation, Judges' Special Mention
6	3D Printing Sustainable and Self-Healing Wearable Electronics from Green Materials	Hwa Chong Institution	Hilda Seah Kai Hui Lau Linn-I Lee Jin Yuan	Judges' Special Mention
7	Mobile Medical Laboratory Testing System	Temasek Polytechnic	Jeanie Yeo Jing Yi Javier Chua Wang Yuxi	Judges' Special Mention
8	Smart Mobility Aid for Visually Impaired	ITE – College East	Lim Jie Wei Lim Chee Chye Prithikka Divyashini	Judges' Special Mention

List of Awardees (Open)

NO.	ENTRY NAME	SCHOOL	TEAM MEMBERS	AWARD
1	Bio-inspired Membrane for Plug-and-play carbon Capture Solution	National University of Singapore	Feb Hillman	Merit
2	EmerStat - First-of-its-kind non-adherent, Drug Free Hemostatic Device	National University of Singapore	Vishnu Sunil Apoorva Katragadda	Merit
3	Flexible Seawall for Coastal Reservoirs	Nanyang Technological University	Chen Hao	Commendation
4	MultiTac: A Bio-inspired Multimodal Tactile Sensor with High-Spatial and High-Temporal Resolution	Nanyang Technological University	Zhang Xiaoshi	Commendation

List of School Awards

NO.	SCHOOL	PLACEMENT
1	Temasek Polytechnic	1st Prize
2	Woodlands Ring Secondary School	2nd Prize
3	River Valley High School (Secondary)	3rd Prize

List of Judges

NO.	NAME	JOB DESIGNATION	ORGANISATION
1	Wu Yan	Deputy Division Head	A*STAR I2R
2	Yau Wei Yun	Head of Division	A*STAR I2R
3	Lim Chui Ping	Deputy Director	Changi General Hospital
4	Tang Kin Chong, Benjamin	Chief Technical Officer	Drop Positioning Systems Pte. Ltd.
5	Ser Jin	Director of Engineering	ESGpedia Pte Ltd
6	Tham Jo Yew	Chief Executive Officer	ESP x Media Pte. Ltd.
7	Goh Lik Kok	Chief Executive Officer and Executive Director	GRP Limited
8	Hui Wing Feh	Director	Kurve Automation Pte. Ltd.
9	Hon Sui Ming, Raymond		
10	Chia Soo Chin	Lead Specialist, Curriculum Planning and Development Division	MOE
11	Cheong Kim Fatt	Lead Specialist, Curriculum Planning and Development Division	MOE
12	Lee Lin Yee	Divisional Director, Educational Technology	MOE
13	Teo Kok Hong	Director/Sciences, Sciences Branch	MOE
14	John Wu	Vice Principal, Geylang Methodist Secondary School	MOE

List of Judges

NO.	NAME	JOB DESIGNATION	ORGANISATION
15	Tricia Dang	Deputy General Manager	Nanyang Law LLC
16	Ng Kim Tean	Chairman	Nanyang Law LLC
17	Tai Kang	Associate Professor	Nanyang Technological University
18	Roland Yap	Associate Professor	National University of Singapore
19	Wong Limsoon	Professor	National University of Singapore
20	Ren Ee Chee	Adjunct Associate Professor	National University of Singapore
21	Boyd Anderson	Senior Lecturer	National University of Singapore
22	Marcelo H Ang Jr	Professor	National University of Singapore
23	Low Boon Chuan	Professor	National University of Singapore
24	Jason Tan S C	Adjunct Lecturer	NIE, NTU
25	Kwek Leong Chuan	Professor	NIE, NTU and NUS
26	Lim Yeow Khee	Professor	NTU, SIT
27	Lim Tit Meng	APAC Regional Executive Director	OceanX Education
28	Kamaria Binte Abdul Ghani	NA	Retired (Science Centre Singapore)
29	Lim CN Richard	NA	Retired (TEPPL)

List of Judges

NO.	NAME	JOB DESIGNATION	ORGANISATION
30	Sarath Manukularatne	NA	Retired (Singapore Airlines)
31	Herbert Ang	NA	Retired (Tractors Singapore Limited)
32	Tay Cho Jui	NA	Retired (NUS)
33	Roderick Chia	Managing Director	Rodventure Pte. Ltd.
34	Lee Song Choon	Senior Director	Science Centre Singapore
35	Eicher Low	Associate Professor	Singapore Institute of Technology
36	Meredith Yeung Tsz Ling	Associate Professor	Singapore Institute of Technology
37	Lee Thiam Huat Andy	Assistant Professor	Singapore Institute of Technology
38	Donny Soh	Associate Professor	Singapore Institute of Technology
39	Henry Chang	Director	Stride System Consultancy
40	Cha Cher Liang	Assistant Director	Temasek Polytechnic
41	Haizhou Li	Professor & Dean	School of AI, The Chinese University of Hong Kong, Shenzhen

List of YIA Committee Members



Prof Wong Lim Soon
Professor
NUS



Prof Kwek Long Chuan
Professor
NIE, NTU and NUS



Dr Lim Tit Meng
APAC Regional Executive Director
OceanX Education



Mr Teo Kok Hong
Director of Sciences Branch,
Curriculum Planning and
Development Division
Ministry of Education



Prof Li Haizhou
Professor & Dean
School of AI,
The Chinese University of Hong
Kong, Shenzhen



Dr Lee Song Choon
Senior Director
Science Centre Singapore



Apple Watch SE



Nespresso Dolce Gusto
Coffee Machine



A Pair of
Oceanarium Tickets

LUCKYDRAW

PRIZES TO BE WON

CHECKLIST



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feedback form



Please kindly fill in the feedback form below to qualify for the lucky draw.

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acknowledgement

Assoc Prof Dr Muhammad Faishal Ibrahim
Acting Minister-in-charge of Muslim Affairs
Senior Minister of State,
Ministry of Home Affairs

Tan Kah Kee Foundation

TKKYIA Committee

TKKYIA Judges

Science Centre Singapore

Ministry of Education

A*STAR

Jupiter Innovations Pte Ltd

River Valley High School

Staff of Tan Kah Kee Foundation