



The 7th AIGC-SINGAPORE 2025 @NTU, Singapore



2025 AIGC-SINGAPORE AWARDEE LIST

No.	Country	Names	Title	Medal
1	Korea	Junkyu Kang	Unveiling Mental Health Challenges in Aspiring Female Teen Celebrities: A Data-Driven Analysis Using Text-Based Psychological Indicators	Silver
2	Korea	Jion Jeong	Introduction to Discrete Probability Distributions for Data Analysis	Bronze
3	Korea	Ben Ryu	Improving the Power Output of Plant Microbial Fuel Cells Through an Anoxic Environment	Bronze
4	Korea	Gio Lee	Sustainable Urban Farming Systems	Bronze
5	Korea	Yoonwoo Chae	Modern Mayan Musicians & Reclamation of Mayan Identity	Bronze
6	Korea	Kim Min Soo, Lee Hyun Woo, Park Min Soo, Choi Joon Hyuk	Smart Water Purification System	Grand Prix
7	Korea	Alison Roh	The Impact of Environmental Factors on Mental Health: Exploring Air Quality, Noise, and Green Space Accessibility	Gold
8	Korea	Choi Ji Hoon, Yoon Seung Ho, Han Kyung Min, Kim Dong Hwan	Smart Traffic Signal Control System	Bronze
9	Korea	Yeonwoo Park	A Study on the Application and Examples of ANOVA (Analysis of Variance) as a Statistical Analysis Method	Silver
10	Korea	Kang Soo Hyun, Han Min Kyung, Lee Sung Jin, Park Hyun Seo	Interactive Educational Robot for STEM Learning	Gold
11	Korea	Junkyu Kang	Unveiling Mental Health Challenges in Aspiring Female Teen Celebrities: A Data-Driven Analysis Using Text-Based Psychological Indicators	Bronze
12	Korea	Gunwoo Sohn	AI-Driven Wildlife Monitoring	Bronze
13	Korea	Woo Jae Kwon	Arduino-Based Food Spoilage Detection System	Bronze
14	Korea	Evan Park	Smart Agricultural Sensors	Bronze
15	Korea	Jiwoo Lee	Dreaming in Data – A Visualized AI Journey	Bronze
16	Korea	Seok Won Jeong	AI-Driven Agricultural Drone	Silver
17	Korea	Kim Han Gyeol	Smart Classroom Management System	Bronze
18	Korea	Daeguhn Rhee	Advanced Earthquake Prediction Model	Bronze
19	Korea	Kibeom Nam	Smart Waste Management and Sorting System	Gold
20	Korea	Kim Han Gyeol	Next-Gen AI-Powered Translation Tool	Bronze
21	Korea	Hayoon Jeon	AI-Powered Personal Finance Assistant	Bronze
22	Korea	Michelle Bright Kwon	Enhanced Smart Farming Toolkit	Bronze
23	China	Zhang Yi Hao, Tian Liang Min, Wei Hong Zhao	AI-Based Smart Irrigation System	Gold
24	China	Liu Kang Min, Sun Min Fang, Zhao Lei Hao, Chen Hao Ling	STEM Toolkit for Elementary Robotics	Silver
25	China	Feng Hua Min, Xiao Long Fang, Sun Yi Hao	AI Traffic Light Prediction Model	Bronze
26	China	Zhang Feng Hao, Liu Yuan Min, Chen Mei Fang, Wang Zhao Ling	Renewable Energy Dashboard with AI Support	Gold
27	China	Fang Jun Hao, Tian Mei Ling, Zhang Xiao Min	AI-Powered Personal Health Diary	Silver
28	China	Liu Wei Fang, Zhao Ning Hao, Wang Rui Min, Chen Jing Fang	IoT Sensor Kit for School Safety	Bronze
29	China	Zhang Fang Min, Sun Jing Hao, Liu Mei Ling Wei	AI Vision Aid for the Visually Impaired	Gold
30	China	Zhao Hui Fang, Wu Hao Min, Chen Fang Ling, Tian Yue Hao	Recycling Detection System Using AI	Silver
31	China	Chen Yue Min, Lin Qian Hao, Wang Lu Fang	Noise Pollution Monitoring Using STEM Sensors	Bronze
32	China	Zhao Han Min, Sun Rui Fang, Liu Fang Min, Zhang Hao Ling	AI Weather Prediction Assistant	Gold
33	China	Liu Yong Fang, Zhao Ping Min, Fang Wei Ling	Real-Time Water Quality Monitoring System	Silver
34	China	Sun Qi Hao, Chen Liang Min, Zhang Rui Fang, Zhao Ling Wei	AI Chatbot for Student Mental Wellness	Bronze
35	China	Wu Min Hao, Zhang Hao Ling, Tian Yun Min	Smart Farming Soil Moisture Tracker	Gold

No.	Country	Names	Title	Medal
36	China	Chen Jie Min, Fang Hao Ling, Zhao Rui Wei, Liu Feng Min	AI-based Traffic Violation Detection	Silver
37	China	Sun Fang Ling, Liu Wei Min, Zhao Ming Hao	Voice-Controlled Study Assistant	Bronze
38	China	Wang Lei Min, Zhang Xun Hao, Chen Ling Fang, Sun Hao Wei	Air Quality Monitoring with IoT Sensors	Gold
39	China	Zhang Rui Min, Chen Mei Ling, Liu Min Hao	AI-Driven Wildlife Classification Tool	Silver
40	China	Zhao Hong Min, Fang Wu Ling, Sun Ling Hao, Wang Min Fang	School Bus Route Optimization Using AI	Bronze
41	China	Liu Min Hao, Fang Wei Ling, Zhang Yun Min	Interactive Earthquake Simulation Model	Gold
42	China	Zhang Wei Hao, Chen Ming Ling, Liu Zhi Fang, Sun Hao Ling	AI-Enhanced Smart Mirror for Daily Routines	Silver
43	China	Fang Rui Min, Zhao Lin Hao, Wang Mei Fang	Recyclable Material Classifier Using Vision AI	Gold
44	China	Liang Jun Hao, Chen Rui Fang	Weather-Based Planting Assistant	Silver
45	China	Zhao Ming Min, Wang Qian Ling, Sun Hui Hao, Liu Fang Wei	AI Alert System for Campus Intrusion Detection	Bronze
46	China	Liu Hao Ming, Zhao Xin Ling, Fang Min Hao	Interactive AI Globe for Learning Geography	Gold
47	Thailand	Warit Sornsiri, Anucha Kon, Arun Tip, Komchai Arun, Sakchai Lek	Eco-Friendly Packaging Solutions Using Banana Fiber	Silver
48	Thailand	Preecha Warun, Komchai Lek, Warit Arun, Somsak Chai, Arun Somsri	AI Sorting System for Recyclable Plastics	Bronze
49	Thailand	Natdanai Anucha, Chonchat Phuwadol, Arun Vichai, Jirawat Kornchai, Somsri Arun	Smart Irrigation System for Thai Rice Fields	Gold
50	Thailand	Pongphet Warun, Kornchai Arun, Somsak Lek, Arun Jirawat, Sakchai Phanich	Solar Air Conditioning for Remote Communities	Silver
51	Thailand	Jinta Pattharaporn, Sakchai Lek, Kornchai Arun, Somsak Warun, Arun Phanich	Rapid Response AI Kit for Natural Disasters	Bronze
52	Thailand	Anan Kornchai, Somsri Arun, Sakchai Lek, Arun Tip, Somsak Phuwadol	AI-Powered Fish Farm Monitoring System	Gold
53	Thailand	Natthapat Somsak, Arun Phuwadol, Kornchai Lek, Somsri Arun, Sakchai Warun	Low-Cost AI Soil Quality Scanner for Farmers	Silver
54	Thailand	Phanich Arun, Kornchai Somsri, Arun Lek, Sakchai Phanich, Somsak Chai	AI Recycling Bot for Community Waste Centers	Bronze
55	Thailand	Somsri Kornchai, Warun Arun, Sakchai Phanich, Somsak Lek, Arun Jirawat	Autonomous Shuttle Bus System for School Zones	Gold
56	Thailand	Arun Kornchai, Somsak Phanich, Warun Arun, Kornchai Lek, Sakchai Arun	AI-Powered River Water Purification Unit	Silver
57	Thailand	Kornchai Somsri, Sakchai Arun, Somsak Jirawat, Arun Lek, Kornchai Phuwadol	Affordable Energy Storage System with AI Load Balancing	Bronze
58	Thailand	Phuwadol Lek, Kornchai Arun, Arun Phanich, Somsak Sakchai, Somsri Lek	AI Crop Forecasting Dashboard for Thai Farmers	Gold
59	Thailand	Arun Somsri, Sakchai Phuwadol, Somsak Kornchai, Arun Lek, Somsri Warun	Organic Waste Energy Generator Using AI Control	Silver
60	Thailand	Somsri Lek, Kornchai Phanich, Sakchai Arun, Arun Lek, Somsak Jinta	Smart Housing Powered by Local Renewable Sources	Bronze
61	Thailand	Lek Tip, Kornchai Arun, Sakchai Phanich, Somsak Lek, Arun Somsri	AI-Powered Harvest Robot for Cassava Crops	Gold
62	Thailand	Phuwadol Kornchai, Somsri Lek, Arun Sakchai, Somsak Lek, Arun Somsri	Green Urban Planning Using AI Simulation	Silver
63	Thailand	Kornchai Arun, Somsak Sakchai, Arun Phanich, Somsri Lek, Arun Kornchai	Livestock Disease Early Warning System via AI	Bronze
64	Thailand	Arun Somsri, Kornchai Arun, Somsak Sakchai, Arun Lek, Kornchai Phuwadol	Forest Fire Prevention System Using Drones and AI	Grand Prix
65	Thailand	Phuwadol Arun, Somsri Sakchai, Kornchai Arun, Somsak Lek, Arun Somsri	AI-Powered Smart Grid for School Campuses	Silver
66	Thailand	Kornchai Lek, Sakchai Arun, Arun Somsri, Somsak Warun, Arun Kornchai	Community AI Compost Sorting & Education System	Bronze
67	Thailand	Lek Arun, Somsak Lek, Arun Somsri, Sakchai Kornchai, Kornchai Arun	Aquaculture Feed Optimization with Machine Learning	Gold
68	Malaysia	Ethan Evan Victor, Xavier Jiene Gom	Solar-Powered Filtration System for Clean Water in Rural Areas	Grand Prix

No.	Country	Names	Title	Medal
69	Malaysia	Mdm. Jennifer Asing, Mdm Mariatul Hanis Merani Abdullah, Mr. Cyprian R. Jokinol	Smart Portable Device for Air Pollution Index Monitoring	Silver
70	Malaysia	Ahuvia Rinai Clerance & Charlize Hope Ensingan Garai	AI Soil and Climate Sensors for Sustainable Farming	Bronze
71	Singapore	Ethan Koh, Chloe Tan, Marcus Yeo, Nur Aisyah, Zheng Wei, Priya Raj	Low-Cost Renewable Energy Integration System for Small-Scale Industries	Silver
72	Singapore	Daniel Ong, Rachel Sim, Zaki Rahman, Mei Wen, Arun Subra	Smart Pillbox with Voice Alerts and Health Tracking	Bronze
73	Singapore	Bryan Goh, Natasha Lee, Jasper Lim, Siti Huda	Carbon Emission Tracker for Urban Cyclists	Gold
74	Singapore	Ivan Teo, Amanda Chua, Hassan Farid, Tan Jing Yi, Selina Wong	AI-Powered Elderly Fall Detection Wristband	Silver
75	Singapore	Darren Ng, Syahirah Bakar, Lim Qi En, Gowri Menon, Kelvin Tham	Rainwater Harvesting Kit for School Science Labs	Bronze
76	Singapore	Hyungjoon Jin	Hangul Tag	Silver
77	Indonesia	Damario Pranata Ojong, Gusti Renardo Ojong, Justine Armani Wijaya Tjan, Jason Dior Wijaya Tjan	Himacare, Nurturing Growth through Consultation & Self-Discovery	Gold
78	Indonesia	Putu Gede Gana Candravadana Wijaya, Ida Ayu Siangan Praba Ningrat, I Gusti Agung Arsa Nararya	GOGUMY: Effectiveness of Gotu Kola Leaf (<i>Centella asiatica</i>) and Guava (<i>Psidium guajava</i> L.) Extracts in Improving Meat Quality by Myoglobin Binding Method	Gold
79	Indonesia	Ni Made Dianing Sandrina Karang, Taiyo Brahmantya Soki, Ketut Kesawa Widya Wiweka Tangkas, Ni Putu Bunga Ayu Pramesti Maheswari, Kadek Cintya Attila Weda	PAVERA LUSH : Innovation of Organic Serum Face Mask from Papaya Seed and Aloe Vera for Acne Treatment and Skin Moisturizing	Grand Prix
80	Indonesia	Thifaa Farisha Zoerwita	LIPMOC : Lip Pigment Ethylhexyl Methoxycinnamate (EHMC) and Oxybenzone As a Prevention of Lip Cancer Due to Sun Exposure and Business Opportunities to Overcome Poverty	Gold
81	Indonesia	Audrey Hutapea, Josua Toar Anugrah Simanjuntak, Aurel Arta Nugraha Lumbantobing	Optimizing the Use of Red Devil Scales and bones as a Purifier for Wastewater in Lake Toba, North Sumatra Province	Gold
82	Indonesia	Serliana Yulianti	Smart Autonomous High-Speed Vessel with AI-Driven Energy Optimization for Future Maritime Mobility	Grand Prix
83	Indonesia	Muhammad Zhafran Fakhri, Siti Syarah Yuliska, Rania Gantari Pranoto	Rubee Immersion: Virtual Reality-Based Diabetes Education Media Rubee Dia-Tabs Products	Gold
84	Saudi Arabia	Meshari sultan mohammed alsheeban	Smart Glasses for Alzheimer's Patients	Gold
85	USA	Kevin Park	Machine Learning Prediction Models over Traditional Technical Analysis Methods in Financial Markets	Bronze
86	USA	Emma Johnson	Identification of Novel Metastasis-Enriched Gene Deletions in Lung Adenocarcinoma through Comparative Genomic Analysis	Bronze
87	USA	Ashley Nguyen	A Smart IoT-Enabled System for Bird Cages: An Innovative Approach to Monitoring and Managing Bird Environments through Arduino sensor system	Grand Prix
88	USA	Ava Miller	Fathoms: the world in the whale – An Extraordinary Journey into the Lives of Earth's Most Magnificent Marine Creatures	Bronze
89	USA	Sophia Zhang	Bear repellent spray mounted on smartphone case	Gold
90	USA	Mia Taylor	Smart House Design by Data Tracking and Environmental sensors	Gold
91	USA	Olivia Choi	Classification of reptiles to prevent extinction through the use of AI detection tool	Silver
92	USA	Liam Anderson	Smart Shoes for Inhibition of Harmful Bacterial Growth Using IoT Sensors, Nano Silver and Copper Photocatalytic Compounds	Silver
93	USA	Emily Chen	Wheelchair-Accessible Pathway Detection and Visualization	Bronze
94	USA	Mason Brown	Research on Wireless Power Transmission Frequency Characteristics and Design Applications as LED Dancing Spinning Top	Gold
95	USA	Jason Liu	Colloidal Oatmeal as a Barrier-Restoring Botanical	Silver

No.	Country	Names	Title	Medal
96	USA	Lucas Thompson	Powering Regeneration: TFAM Gene Therapy as a Catalyst for Skin Cell Repair	Bronze
97	USA	Grace Lee	Agarose-Enhanced PDMS Microgravity-On-a-Chip Platform: Advancing 3D Mechanobiology Under Simulated Space Conditions	Bronze
98	USA	Ethan White	Evolution of NGO's Information Outreach Projects Based on North Korea's Information Access Conditions	Silver
99	Vietnam	Tran Ha Nhat Minh, Tran The Hai, Nguyen Linh Dan, Vu Tran Yen Chi, Pham Nguyen Vu	The Impact of Media Crises on Customer Loyalty	Gold
100	Vietnam	Le Ba Duc, Nguyen Hiep Phuc Thien, Phan Tri Duc, Nguyen Ngoc Thanh	Application of AI and Smart Sensors in Household Water Safety Monitoring and Alert System	Gold
101	Vietnam	Trinh Nam Khanh, Dinh Vu Bao Long, Hoang Minh Anh, Pham Thai Long, Do Duc Thinh	Detecting diabetes using machine learning through images retinography	Gold
102	Vietnam	Nguyen Chau Nhat Anh	Modern Library Design Solutions to Promote Reading Culture Among Vietnamese Students	Gold
103	Vietnam	Nguyen Thai Ha My, Nguyen Phuc Thang, Vu Mai Chi	Research on the Bioactivity of Saponin from Bitter Melon and Its Application in Supporting Diabetes Treatment	Gold
104	Vietnam	Nguyen Xuan Hung, Vu Gia Tue, Le Huy Hoang, Nguyen Minh Tuan, Nguyen Phuc Chi Khang, Nguyen Hong Phuong Nguyen, Ngo The Vinh	AI-Powered Protective Gear Recognition System for Construction Site Safety	Grand Prix
105	Vietnam	Nguyen Nhat Quang, Doan Quang Minh, Nguyen Dang Duong, Tran Ngoc Diep, Nguyen Duy Hung	Indoor Mushroom Growth Condition Monitoring and Control Device	Gold
106	Vietnam	Nguyen Quynh Anh, Luu Tuyet Mai, Tran Minh Tuan, Phan Hai Phong, Nguyen Phuc Quang	Factors Affecting the Intention to Apply AI in Startup Activities of Young People in Vietnam	Gold
107	Vietnam	Nguyen Nam Khanh, Do Ngoc Linh, Tran Tue Minh, Nguyen Doan Tam	Trends of applying ChatGPT in learning and research of Vietnamese students	Gold
108	Vietnam	Nguyen Thi Minh, Tran Van Quang, Le Hoang Phuc, Pham Bao Chau	AI-Powered Smart Online Assessment System: Innovating and Enhancing Learning Quality	Gold
109	Vietnam	Vo Thi Thao, Dang Tuan Anh, Bui Minh Khoa, Hoang Gia Huy	Smart Device to Warn Children Encountering Danger at the Railings of High-Rise Houses	Bronze
110	Vietnam	Phan Thi Cam, Doan Quoc Bao, Truong Nhat Nam, Ngo Kim Linh	Intelligent Device for Automatically Changing the Orientation of a Photovoltaic Panel	Bronze
111	Vietnam	Nguyen Duc Minh	AI-powered posture correction system for office use	Grand Prix
112	Vietnam	Do Duc Minh, Nguyen Minh Tri, Tran Minh Khang, Phan Hoang Lam	Artificial intelligence and computer vision in irrigation management, advancing sustainable agriculture	Gold
113	Vietnam	Pham Tien Dat, Nguyen Minh Trang, Vu Hoang Tri Dung	Fabrication of SERS sensors based on silver nanoparticles embedded in silicon nanowire arrays and their application in Rhodamine B detection	Gold
114	Vietnam	Dinh Thi My, Nguyen Hoang Tuan, Mai Bao Ngoc, Cao Xuan Long	Predicting the Direction of Cyclone Movement Using Machine Vision Algorithms	Bronze
115	Vietnam	Huynh Anh Tuan, Le Thi Thanh, Tran Minh Khoi, Pham Van Son	Peel&Petal: Paper-Soap Made Out of a Mixture of Butterfly Pea (<i>Clitoria ternatea</i>) Flower Extract and Orange Peel Waste (<i>Citrus sinensis</i>)	Silver
116	Vietnam	Nguyen Vu Ha Anh, Nguyen Duc Thuan, Nguyen Ngoc Quang, Tran Phuoc Hung, Nguyen Bui Thanh Duy	EcoRoute: Optimizing Urban Waste Collection Routes Using Ant Colony Optimization	Gold
117	Vietnam	Doan Thi Chau Anh, Nguyen Trong Khoi, Vuong Minh Anh, Ly Thanh Tung, Do Dieu Linh, Nguyen Tra My	Targeted and Controlled Drug Release Using MnFe ₂ O ₄ -Based Nanoparticles	Gold
118	Vietnam	Vu Ngoc Ha, Dao Tien Dung, Nguyen Huu Loc, Ly Nhat Hanh	Antimicrobial condom from <i>Alpinia galanga</i> L. (Galangal) as a preventive for sexually transmitted diseases	Silver
119	Vietnam	Ta Thi Bich, Pham Thanh Dat, Vo Quang Minh, Bui Hai Dang	Preparation of wear-resistant coating directly on steel surface by plasma electrolytic oxidation technology	Bronze

Should you have any inquiries about the list of awardees, feel free to reach out to us at team@aigc-singapore.com