



*The 10<sup>th</sup> International Invention Innovation Competition in Canada*

**iCAN 2025 “THE FINALS” AWARD WINNERS**



**Toronto, Canada**

**August 30<sup>th</sup>, 2025**

# iCAN 2025 “THE FINALS” AWARD WINNERS LIST

The 10<sup>th</sup> International Invention Innovation Competition in Canada, iCAN 2025

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## SEARCH INSTRUCTIONS

\* Please note that "The Finals Award Winners List" is more than 50 pages long \*

→ To easily find your nomination(s), use the search function by following the instruction below ←



**SEARCH TIP: Find your name or entry by**




## ISSUANCE OF AWARD CERTIFICATES

\* Please note that all award certificates will be issued in the month of September in the order of applications submitted \*

**We ask for your kind patience as the iCAN Team will provide you the certificate scans with photos of awards by email in September.**

\* Shipping of iCAN 2025 Award Packages will also take place from the beginning of September in the order of applications.

**Once your Award Package is shipped, you will be given a notification by email or from your representative / delegation / team leader.**

*Thank you for your kind attention and "Sincere Congratulations" to All Distinguished Winners!*





# INTERNATIONAL SPECIAL AWARD

World Invention Intellectual Property Associations (WIIPA)



No.	Country/Region	Organization	Inventor(s)	Title of Invention
1	Serbia	Veljko Milkovic Research and Development Center	Veljko Milkovic	Two-Stage Mechanical Oscillator – A Mechanical Amplifier of Clean Energy
2	Sudan	Port Sudan	Mohammed Mohammed Hussain	Marine Train
3	Saudi Arabia	King Faisal University	Ghadah Ali AlQarni Dalal Mohammed Akram Motabagani	AI-Enhanced Lactatometer
4	Peru	SCIFY RESEARCH E.I.R.L.	Abel Baresi, Landeo Barreto Leslie Manuela, Valencia Sánchez Dayanne Germayori, Garay Canta	Solar Jacket with Wireless Charging Pockets for Electronic Devices
5	China	Realm Nutrition	Bella Song	GLY.PLANT-HORMO AMPOULES: Plant-Based Composition for Multi-Pathway Lipid Metabolism Regulation
6	Peru	UNIVERSIDAD NACIONAL HERMILIO VALDIZÁN	Deyvid Piero, Tolentino Isidro Ada Heidy, Santiago Bejarano	System for the automated analysis of dental radiographs and generation of clinical reports
7	Thailand	Chiang Mai University Demonstration School	Ponpomkwan Chanhom Dhammawit Haemanwichian Nutatcha Yowcharoensuk Chayanan Manawongcharoen Phuwit Suwannatain Kamolnid Rochanasiri	ThermiZen Soothing Spray
8	Malaysia	INSTITUTE OF TEACHER EDUCATION SARAWAK CAMPUS, MIRI, SARAWAK, MALAYSIA	HU LAEY NEE NORSARIHAN AHMAD VUN XIU XUAN LAI CHAUN CHOY ALVIN KONG WEI EE TONY LOH LI JIN LING JUN HAO	Robots-enhanced Operation for Brilliant Opportunity in Teaching Success 3.0 (R.O.B.O.T.S3.0)
9	Macau, China	THE AFFIUATED SCHOOL OF THE UNIVERSITY OF MACAU	Hoi Chi Lok Loi Ka Chon Leong Chi Hou	Construction Site High-Altitude Falling Objects Safety Warning System
10	Thailand	Montfort College Secondary School	Thanida Maneesri Sajitha Thapniwat Rattasart Chaisuwan Pawarisa Chanthatham Thananchanok Wongkhun	Development of Bioplastic from Orange and Lime Peels

11	Korea	Yongsan International School of Seoul	Jayden Moon	NeuroBridge: A Bioinspired Cognitive Interface Model Based on Comparative Neural and Genetic Insights from Humans, Chimpanzees, and Dogs
12	Saudi Arabia	Alkifah Academy	Safa'a Hussain Al-Hussain	ConvertPy : Leveraging Large Language Models (LLMs) for Reliable and Scalable Code Translations
13	USA	The University of Arizona	Sara Sheikhlary	CRISPlasma Kit: An Innovative Tool for Precision Gene Editing
14	Thailand	International School, Bangkok, Thailand	Sirinda Chalermthiralert	BeeFriend
15	Peru	INDECOPI	Jonny Manuel, Cueva Vargas	A fruit picker with a telescopic arm and built-in storage device
16	Peru	INDECOPI	Edwin, Flores Zorrilla Luis André, Moya Fernández Angela Cristina, Flores Quispe Danny Guillermo, Flores Zorrilla	Synergic Procedure for the Transportation of Supplies and Products in the Mining Sector through a Multifunctional Duct
17	Peru	UNIVERSIDAD NACIONAL DE EDUCACIÓN ENRIQUE GUZMÁN Y VALLE	Isulina Luzmila Roque Rivera Hellen Felicia Blancas Amaya Guillermina Norberta Hinojo Jacinto Isabel Menacho Vargas Magda Marianella Tazzo Tomas Zara Graciela Pablo Ricra Janeth Gisella, Sanchez Berrospi	Drawing Table for Children with Energy Generator
18	China	Inner Mongolia University of Technology	He Yujia / Jingdong Zhang / Zou Yunhe Li Dongmei / Yuan Yanjie / Ge Jia Tang shufeng / Guo shijie / Lyu He Song Xiaowen	Device for Ultrasonic Vibration Surface Strengthening
19	China	Tianjin Faragut School	Si Chu Wei	intelligent grass grid laying machine for the edge of deserts
20	Peru	UNIVERSIDAD NACIONAL DEL CENTRO DEL PERÚ	Miguel Angel Quispe Solano Bécquer Frauberth Camayo Lapa Armando Felipe Calcina Sotelo Silvia Marina Álvarez Bernuy Rafael Matencio Gerónimo Erika Amelia de la Cruz Porta Roberto César Asto Hinojosa Galia Mavel Manyari Cervantes Edgar Rafael Acosta López Emilio Fredy Yabar Villanueva	Procedure for the Production of Functional Cookies with Low Glycemic Impact and High Antioxidant Capacity

21	Peru	UNIVERSIDAD PRIVADA DEL NORTE S.A.C.	Ruth Aracelis Manzanares Grados Kelly Ivanna Curasi Anchayhua	Process for producing a compostable, fertilizer, semi-waterproof plant pot
22	Thailand	Chiang Mai International School, Dara Academy, Srinakharinwirot University	Panut Nakarakornkul Peeraya Jeethanawanit Phandaree Temtanaruk Yanisa Pitchakham Phatcharida Inthama	AquaSustain: Smart Swine Water Recovery
23	Thailand	Shrewsbury International School Bangkok	Napakorn Pongsak	Hempcrete
24	Peru	UNIVERSIDAD PERUANA LOS ANDES	Duany Davila Honorio Leydi Mendoza Urriburu Derick Kenny Pérez Villanueva Jose Luis Valverde Calero Abrahams Moises Cabrera Montalvo	OUTDOOR WIND ADVERTISING PANEL
25	Peru	UNIVERSIDAD SAN IGNACIO DE LOYOLA S.R.L.	Luciana, de la Fuente Carmelino Ana María, Muñoz Jauregui Juana Patricia, Lozada Huancachoque	Paraben-free collagen and elastin production stimulating cream containing vegetable oil and extracts



## INTERNATIONAL SPECIAL AWARD

### Macao Innovation and Invention Association (MIAA)



No.	Country/Region	Organization	Inventor(s)	Title of Invention
1	Qatar	Qatar University (QU)	Ms. Mennatalla SheikhMohamed Saifeldin kuna Ms. Zainab Khaled Smati Ms. Sara Ahmad M. A. Al-Baker Ms. Ala Husam Subhi Alardah Ms. Marwa Anas Fadhil Alani Dr. Noora H. Al-Qahtani	Transforming Plastic Waste into High-Performance Energy Storage: A Breakthrough in Sustainable Materials
2	Poland	Student Research Group 'Materials in Medicine', Gdańsk University of Technology	Marcin Wekwejt, PhD Rafał Jesiołkiewicz, MSc Anna Ronowska, PhD Aleksandra Mielewczyk-Gryń, PhD Justyna Kozłowska, PhD	DuoSet-SaMgCem: A dual-setting injectable bone cement composed of magnesium phosphate and cross-linked sodium alginate hydrogel for minimally invasive orthopedic procedures
3	Peru	SCIFY RESEARCH E.I.R.L.	Abel Baresi, Landeo Barreto Leslie Manuela, Valencia Sánchez	SMART JUG WITH MOTION-BASED ENERGY SUPPLY AND REMOTE MIXING CONTROL

4	Peru	UNIVERSIDAD NACIONAL DE EDUCACIÓN ENRIQUE GUZMÁN Y VALLE	Hellen Felicia Blancas Amaya Isulina Luzmila Roque Rivera Guillermina Norberta Hinojo Jacinto Isabel Menacho Vargas Magda Marianella Tazzo Tomas Zara Graciela Pablo Ricra	Three-compartment Pencil Case Kit with Tracing Features
5	Malaysia	JUNGLE SCHOOL GOMBAK MALAYSIA, IUM JSI FLAGSHIP, AAD KAED, AND SEJAHTERA CENTRE	ASST PROF DR NORZALIFA ZAINAL ABIDIN KALAM PIE NURUL AINA SUHAILA MOHD NIZA NURUL DIANA SOFIYA MOHD NIZA NURUL HANA KHAIRINA MOHD NIZA	JUNGLE SCHOOL ADAPTIVE INDIGENOUS OA COMMUNITY-BASED TOURISM AS HOLISTIC MADANI SOCIETAL, SOCIOECONOMIC AND RESILIENT SOLUTION
6	Thailand	Biochemistry Unit, Department of Physiology, Faculty of Veterinary Science, Chulalongkorn University	Warapron Chotisawat Apinya Binsan Teerapong Yata Sariya Asawakarn Sirakarnt Dhitavat	An Innovative PhytoNano-MyoSpray: A Pain Relief Spray from Nanostructured Lipid Carriers carrying Herbal Extracts (AMFINE Spray)
7	Peru	UNIVERSIDAD CATÓLICA DE SANTA MARÍA	Gilberto de Jesús Colina Andrade / Ruly Terán Hilares / Edilberto Vicente Medina Cabrera / Lucía del Carmen Martínez Pujadas / Jose Luis Carrasco Bocangel / Jose Rafael Chambilla Caceres / Higinio Porto Huasco / Jose Luis León Tiznado / Mónica Meylín Yugra Condori / Janeth Flor de María Pari Checca	EXTRACTION AND STAINING OF PHYCOCYANIN BIOPIGMENT: FROM <i>Arthrospira platensis</i> ON ALPACA FIBER
8	Saudi Arabia	Imam Abdulrahman Bin Faisal University	Moaz Abdulrazack Amir Baraa Abdulrazack Amir Amaar Abdulrazack Amir	Automatic Mid-Stream Urine Collection Device
9	Peru	UNIVERSIDAD PERUANA LOS ANDES	Jose Francisco Via Y Rada Vites Katherin Pilar Godiño Barzola Dafne Alexa Sanchez Peña Tatiana Cristina Rosario Rivera Yanira Marianela Mendez Acosta	ECOLOGICAL SPHERE FOR THE GENERATION OF DRINKING WATER FOR ROAD DIVIDERS
10	Peru	UNIVERSIDAD PRIVADA DEL NORTE S.A.C.	Nathaly Naomi, Tarazona Mallqui Gustavo Antonio, Camacho Córdova José Guillermo, Rojas Paredes Rudy Gianfranco, Gutierrez Diaz	Container with closed system for hygienic mixing of liquids on street sale



No.	Country/Region	Organization	Inventor(s)	Title of Invention
1	Georgia / Spain	Giorgi Mikiashvili's Future Lab	Giorgi Mikiashvili	Innovative Travel Suitcase – Universal Comfort
2	Romania	A BETTER LIFE SOLUTIONS	Mircea MANOLESCU	iSentinel Road & Rail
3	Peru	SERVICIO NACIONAL DE ADIESTRAMIENTO EN TRABAJO INDUSTRIAL	Karen Esteincin Cuba Vargas Xavier Antonio Laos Laura VIDIS JACK CUTIPA ARAPA	Electromechanical device with motorized glue application and fume extraction for polyvinyl chloride pipes
4	Vietnam	The Olympia School / VinSchool The Harmony / Foreign Language Specialised School	Tran Ha Khanh Tran Phan Duc Do Nhat Quang Pham Duy Long Nguyen Duc Anh	AI-Driven Credit Risk Evaluation to Enable Financial Inclusion in Credit Card Services
5	Saudi Arabia	King Saud University	Meshari sultan mohammed alsheeban	AI-Based Smart Glasses for Alzheimer's Patients: A Real-Time Cognitive Support and Safety Monitoring System
6	Peru	UNIVERSIDAD SAN IGNACIO DE LOYOLA S.R.L.	Luciana, de la Fuente Carmelino Ana María, Muñoz Jauregui Juana Patricia, Lozada Huancachoque Jorge Enrique, Huaman Ricaldi	Anhydrous sunscreen balm with SPF 30 sun protection factor that includes natural oils in its composition
7	Malaysia	Asia Pacific University	Narendran Ramasenderan Krishna Ravinchandra Vinesh Thiruchelvam Rumi Iqbal Sufi	MediGuard AI Rover Autonomous Healthcare Security & Emergency Response System
8	Romania	National University of Science and Technology POLITEHNICA Bucharest	Florin Miculescu A. Maidaniuc Mihnea Costoiu Augustin Semenescu M. Miculescu Florentina Ionita-Radu Marius Arghirescu	Method for obtaining hydroxyapatite scaffolds with predetermined physico-chemical characteristics for major bone reconstruction (Patent RO 131943)
9	Thailand	Ruamrudee International School	Jarupat Bulpakdi Titapa Khunsri Kamolluck Saivivat Nobnatee Sainak Janthakarn Bun-on	ThaiMeSync: A Romanized Thai Keyboard (BetterThai) for Inclusive Communication. Reconstructing Thai Script from Latin Character Inputs Using Phonetic Mapping and AI, with a Focus on Accessibility for People with Disabilities



10	Brunei	Halalan Thayyiban Research Centre, Sultan Sharif Ali Islamic University	Almas Munirah Abdul Ghani Syifa Ajilla Putri Takong Hana Samiihah Abd Aziz Nur Irdina Sarudin Ampuan Nurul Wa'izzah Ampuan Asmad Afrina Sahira Haji Awang Mekrat Aklimah Haji Mustapa Hamzah Mohd Salleh Siti Nur Idayu Haji Matusin	BlosLeather
11	Malaysia	Universiti Sains Malaysia	Ng Young Shung Zarul Fitri bin Zaaba	MyNutriApps
12	Turkey	N/A	Reza Jamalpour Pedram Foroughi Shad Amirhossein Jamalpour Mahdi Akhavan Mahsa Ali Viridi	The system for presenting concrete mixing plans for construction workshops based on artificial intelligence technology
13	Peru	UNIVERSIDAD NACIONAL DEL CENTRO DEL PERÚ	David Elvis Condezo Hurtado José Eduardo Galarza Linares Bartolomé Saenz Loayza Joel Colonio Llacua Becquer Frauberth Camayo Lapa	DUAL-AXIS SOLAR TRACKER WITH GPS CONTROL AND MACHINE VISION ALGORITHMS
14	Thailand	King Mongkut's Institute of Technology Ladkrabang International Demonstration School (KMIDS) / Bangkok Christian College	Charkrid Laoprapassorn Sippaphas Toviwat Wiritphol Prechatanasak Jeerasak Jitrotjanarak	SPECTRA
15	Turkey	N/A	Maryam Raei deaghi Samira Raei deaghi	<b>Innovative methods for organ transplantation</b> <b>First method:</b> Organ transplantation from deceased individuals to patients in need <b>Second method:</b> The production of organs using genetic science and artificial intelligence



# INTERNATIONAL SPECIAL AWARD

## Turkish Inventors Association (TÜMMİAD)



No.	Country/Region	Organization	Inventor(s)	Title of Invention
1	New Zealand	SPEL New Zealand Limited	Dr Yang Fong (Richard)	SPEL SP-365v2 TexShield™ - Dual-Action Antimicrobial & VOC Protection for Textiles
2	Thailand	Shrewsbury International School, Bangkok (Riverside), Thailand	Poomkarn Taedullayasatit	Actimus
3	Peru	UNIVERSIDAD CONTINENTAL S.A.C.	DE LA CRUZ CASAÑO Rafael CÁRDENAS CALIXTO Jeyson Antonio CALDERON TOVAR Carlos Martin CALLUPE SEGURA Ángel Joaquin PAUCAR HUAMÁN Isaac Isaías	Vertical axis wind turbine with double curved blades
4	Hong Kong, China	Lai King Catholic Secondary School	Chiu Yan Ki, Huang Wang Luk, Ng Ka Lung	EC Projector
5	USA	The Hotchkiss School	Yobin Kim	MetaTrack: A Transwell-RNAseq Platform for Identifying Metastatic Cancer Cell Signatures and Therapeutic Targets
6	Malaysia	SMK KOLOMBONG KOTA KINABALU	ANGELYN STEVE WELSON YAP SOON MING DBELLA HAZELLE DOMINIC CYRIL LEE XIN LEI Ts. IWANA IVY ABDULLAH (SUPERVISOR)	Landslide Detection Technology (LDTec)
7	Hong Kong, China	Diocesan Girls' School	Wong Yi Yan Erin Yau Hay Sun Scarlett Yuen Tin Yan	Recycling Monitor Specialist
8	Malaysia	China Construction Yangtze River(Malaysia) Sdn Bhd	Ye Xunan- main Jiang Xiangyang Ma Yikui Fu Hanghang Wang Ran	Comprehensive Low-Carbon Smart Construction Technology for the Continuous Multi-Curved Roof System of a Terminal Building Integrated with Khmer Culture
9	Peru	UNIVERSIDAD CONTINENTAL S.A.C.	Albert Jorddy, Valenzuela Inga	Procedure for producing sustainable, self-repairing concrete
10	Hong Kong, China	SHUN TAK FRATERNAL ASSOCIATION YUNG YAU COLLEGE	DENG Weicong YUEN Kasim LAU Yiu Wai ZOU Yu Shen LEE Cheuk Wing	CivilityWave – The AI Acoustic Shield Against Verbal Aggression

11	Peru	UNIVERSIDAD PRIVADA DEL NORTE S.A.C.	Michael David, Garay Sanchez Luis Antonio, Flores Chacayan Jose Antony, Hurtado Agreda Cristhian Eduardo, Holguin Barriga Leandro, Escobar Flores	Expandable flotation device with emergency alert and electromagnetic repellent.
12	Hong Kong, China	Man Kwan Pak Kau College	Wan Yin Wing & Ma Yan Ki	Mushroom Defender: The Anti-Plastic Warrior
13	Malaysia	Tunku Abdul Rahman University of Management and Technology	Yong Li, Tan Kin Yun, Lum, Dr	Collision Warning System (CWS)
14	Hong Kong, China	Centre for Virology, Vaccinology and Therapeutics; The University of Hong Kong	Jie ZHOU Cun LI Zhixin WAN Yifei YU Kwok Yung YUEN	Innovative applications of proprietary respiratory organoids
15	Malaysia	School of Computer Sciences, Universiti Sains Malaysia	Tan Kian Hon Ts. Dr. Mohd Heikal Husin	<b>HRPulse</b> - Integrated Employee Productivity & Engagement System
16	Thailand	NIST	Kunpol Poolvorluk Kuntee Poolvorluk Punn Sutivong	Virtual Reality Reintegration for Incarcerated Mothers in Thailand
17	Peru	UNIVERSIDAD NACIONAL DE EDUCACIÓN ENRIQUE GUZMÁN Y VALLE	Marisol Edith, Zelarayan Aduato Mario Jaime Andía María Carmela, Rodríguez San Miguel Gamaniel Domingo, Gonzales Salvador Richard Miller, Armas Castañeda Florencio Flores Ccanto Isabel Menacho Vargas	Smart Trigonometric Ruler with Angle Measurement and Automatic Calculation of Mathematical Functions
18	Peru	UNIVERSIDAD PRIVADA DEL NORTE S.A.C.	Patricia Daniela, Garrido Inga Luis Antonio, Flores Chacayan Michael David, Garay Sanchez Yoshimi Shinji, De la Fuente Nolasco Lennin Patrik, Chavez Balvino	Adaptive wristband-shaped mouse for computer navigation by users with upper limb amputation
19	Hong Kong, China	The Education University of Hong Kong	Dr Yeung Kin Chung Michael	A Hybrid EEG-fNIRS Neurofeedback Application for Brain Training for Autistic Children
20	Hong Kong, China	The University of Hong Kong	Victor Ho-Fun LEE Kam Man TAM Chi Ang Nelson TO	Development of a Safe and Effective Platform for Administration of Lutetium177-DOTATOC Peptide Receptor Radionuclide Therapy for Neuroendocrine Tumours or Other Tumours Highly Expressing Somatostatin Receptors

No.	Country/Region	Organization	Inventor(s)	Title of Invention
1	Cambodia	Department of Computer Studies, Norton University	Sothealen Phal Sokrith Pen Vitou Sok Sopheak Somart Socheat Sek	Digital Document Navigator AI System
2	Malaysia	School of Computer Sciences, Universiti Sains Malaysia	Tan Kian Hon Ts. Dr. Mohd Heikal Husin	<b>HRPulse</b> - Integrated Employee Productivity & Engagement System
3	Hong Kong, China	Lai King Catholic Secondary School	Liu Jinxi Mak Kwan Ho Tai Ho Nam	Listen for the life 2.0
4	Qatar	Qatar University (QU)	Sheikh Hamad Bin Fasiel Bin Saoud Al-Thani Ms. Ala Husam Subhi Alardah Mr. Mohammed Darwish Dr. Noora H. Al-Qahtani	Deploying IoT-Based Drones for Air Quality Assessment in Remote Agro-Industrial Zones
5	Peru	UNIVERSIDAD PERUANA LOS ANDES	Mohamed Mehdi Hadi Mohamed Jefrin Marlon Silva Murillo David Ramos Piñas Leonardo Favio Piñas Huamani Francisco Cyl Godiño Poma	MULTI-ANGLE MANUAL PRESS FOR PIPE AND PROFILE CLAMPING
6	Peru	UNIVERSIDAD PRIVADA DEL NORTE S.A.C.	Xiomara Atalia, Llanos Janampa Luis Antonio, Flores Chacayan Michael David, Garay Sanchez Leandro Angel, De La Cruz Garcia Oscar Daniel, Sanchez Bazan	Device designed for lint absorption, as well as the measurement and collection of environmental parameters using environmental sensors
7	Saudi Arabia	Ministry of Health (MOH)	Faris Ahmed Kamin Alshammari Fawziah Essa Saad Alqahtani	System for triaging emergency patients by measuring vital signs and predicting the condition
8	Hong Kong, China	The Faculty of Dentistry, The University of Hong Kong; Centre for Virology, Vaccinology & Therapeutics	Teng, Jade Lee-Lee Yeung, Man Lung Ma, Yuanchao Jia, Lilong Huang, Yao	First Taste Bud Organoid for Infection Modeling and Functional Testing
9	Saudi Arabia	King Faisal University and Vision College	Dalal Mohammed Akram Motabagani Dalya Mohammed Akram Motabagani Abdulmalek Waleed Alhithlool	LacriTest – AI-Powered Tear Diagnostics



10	Hong Kong, China	Man Kwan Pak Kau College	Wong Cheuk Wai / Lam Chun Hin Rex / Kwok Yat Sing	Chilli kills bacteria
11	Malaysia	Creative Advanced Machine Intelligence Research Centre, Universiti Malaysia Sabah, Malaysia	Ts. Dr. Rayner @ Henry Pailus Professor Ts. Dr. Rayner Alfred	<b>MADBOOST AI AQUA:</b> MADBOOST's AI Fresh and Sea Water Aquaculture Fish Disease Detection, Classification and Contamination Management.
12	Thailand	Maejo University	Asst. Prof. Dr. Chutima Kongjaroon Narathip Puangbuyai Janthakan Sittiwannarat Kantaphong Sakulchangsatjatai Nuttanich Chaikwaeng	Refined Refreshment: The Essence of Cold Brew Coffee
13	Peru	UNIVERSIDAD SAN IGNACIO DE LOYOLA S.R.L.	July, Zegarra Choque Ana Claudia, Terrones Ojeda María Laura, Rengifo Delgado César Humberto, Manayay Segura	Dehydrator with cutter for organic waste that uses solar radiation to heat the dehydration air flow
14	Peru	UNIVERSIDAD CONTINENTAL S.A.C.	Diego Ricardo, Cajachagua Guerreros Jhon Rodrigo, Ortiz Zacarias Sliver Ivan, Del Carpio Ramirez Carlos Alberto, Coaquira Rojo	AUTOMATIC COFFEE BEANS DRYING MACHINE WITH HMI CONTROL, ARTIFICIAL VISION AND HEAT TRANSFER SYSTEM
15	Thailand	Faculty of Science, Chulalongkorn University and Get Taste Thai Co., Ltd.	Mrs. Phensiri Na Nakornphanom Mr. Nopphawat Ariyahchatraweekul Mr. Woraphong Janetanakit Assoc. Prof. Inthawoot Suppavorasatit Assoc. Prof. Kitipong Assatarakul	Thai Fruit-Infused Herbal Effervescent Tablet
16	Hong Kong, China / Vietnam	City University of Hong Kong / City University of Hong Kong Shenzhen Research Institute / The Hong Kong Polytechnic University / Institute of Advanced Technology, Vietnam Academy of Science and Technology / Apply 2D Co. Ltd. / Clean 2D Co. Ltd.	Ly Thuc Hue Thi Quoc Huy Huang Lingli Zhao Jiong	Scalable smoothing and cleaning for 2D-based devices
17	Malaysia	Universiti Teknologi PETRONAS (UTP)	Maisarah Rafiq Binti Faisal Rafiq Dr Norashikin Binti Yahya	CLASSIFICATION OF ALCOHOL USE DISORDER EEG SIGNALS USING WAVELET-BASED FRACTAL ANALYSIS
18	Hong Kong, China	Man Kwan Pak Kau College	WANG XuYao	GUIDE: Hong Kong Cultural Heritage Platform
19	Thailand	Mater Dei School	Ms.Pingtham Boonyapabhat Ms.Ravipreeya Ratprasartporn Ms.Chayapa Ruktanonchai	Innovative Herbal-Loaded Microneedles: A Cutting-Edge Solution for Psoriasis Treatment
20	Romania	A BETTER LIFE SOLUTIONS	Mircea MANOLESCU	iSentinel Road & Rail



Eurobusiness

# INTERNATIONAL SPECIAL AWARD

## EUROBUSINESS & Haller Pro Inventio Foundation

HALLER  
pro inventio  
FOUNDATION

No.	Country/Region	Organization	Inventor(s)	Title of Invention
1	Canada	BEAMSVILLE 1830 RESEARCH DEVELOPMENT LTD.	Zhenkun Zack Wang	Intelligent Email Interception System with Time-Sensitive Control and User-Driven Filtering
2	Peru	UNIVERSIDAD CONTINENTAL S.A.C.	Franklin Rodolfo, Rojas Ortiz	Transparent Piezoelectric Device for Wireless Charging of Cell Phones
3	Hong Kong, China	SHUN TAK FRATERNAL ASSOCIATION YUNG YAU COLLEGE	DENG Weicong YUEN Kasim LAU Yiu Wai ZOU Yu Shen LEE Cheuk Wing	CivilityWave – The AI Acoustic Shield Against Verbal Aggression
4	Hong Kong, China	Man Kwan Pak Kau College	WANG XuYao	GUIDE: Hong Kong Cultural Heritage Platform
5	Malaysia	Universiti Sains Malaysia	Irshad bin Abdul Razak Zarul Fitri bin Zaaba	MyExpireKits
6	Thailand	Maejo University	Asst. Prof. Dr. Chutima Kongjaroon Narathip Puangbuyai Janthakan Sittiwannarat Kantaphong Sakulchangsattajai Nuttanich Chaikwaeng	Chrysanti: Luxury Oral Care Chewing Gum Infused with Chrysanthemum Extract
7	Hong Kong, China	Advanced Biomedical Instrumentation Centre Limited	Ruotong Zhang Zheqi Chen Anderson Ho Cheung Shum	Electret-induced polarization on droplet: a general liquid handling module for digital microfluidics (US Non-provisional Patent Application No: 18/910,845 and Chinese Non-provisional Patent Application No: 202411620634.7)
8	Hong Kong, China	Centre for Virology, Vaccinology & Therapeutics; The University of Hong Kong	Huiping Shuai Jingxin Qiao Jasper Fuk-Woo Chan Shengyong Yang Hin Chu	An orally available Mpro/TMPRSS2 bispecific inhibitor with potent anti-coronavirus efficacy in vivo
9	Peru	SERVICIO NACIONAL DE ADIESTRAMIENTO EN TRABAJO INDUSTRIAL	Karen Esteincin Cuba Vargas	Transmitter and receiver system for precise location of obstacles in pipelines by means of cable glands
10	Peru	INDECOPI	OSCAR ALEJANDRO VILLALOBOS URIZAR	Pressurized Bulb for Protection Against Biological Particles with Integrated Collar and Configurable Air Duct for Powered Air-Purifying Respirators

No.	Country/Region	Organization	Inventor(s)	Title of Invention
1	Hong Kong, China	The Education University of Hong Kong, SUNNEX	MUNG Wai Yin Steve FOO Sharon LAI Chun Yin Woody LO Yuen Wing Crystal	Integrated Nutrition Management System with Smart Panel and AI Platform for Sustainable Dietary Progress
2	Peru	UNIVERSIDAD CONTINENTAL S.A.C.	Sario Angel, Chamorro Quijano Roger Fernando, Asto Bonifacio	MÁQUINA MEDIDORA DE PH PARA TOMATES MEDIANTE ACCIONAMIENTO ELECTROMECAÁNICO Y VISIÓN ARTIFICIAL
3	Malaysia	UNIVERSITY MALAYSIA PAHANG AL-SULTAN ABDULLAH UMPISA	Professor Dr. Abdurahman Hamid Nour Dr. Norasyikin Binti Ismail Dr. Muna E. Raypah Associate Professor Dr. Azhary Hamid Nour Ali Hassan Abdulrahman Al-Saggaf	Development of an Integrated Ultrasonic-Membrane Anaerobic System (IUMAS) for Enhanced Wastewater Treatment and Methane Recovery
4	Poland	Student Research Group 'Materials in Medicine', Gdańsk University of Technology	Marcin Wekwejt, PhD Monika Wojtala, MSc Anna Ronowska, PhD Aleksandra Mielewczyk-Gryń, PhD Justyna Kozłowska, PhD	MgCarraGelCem: A regenerative injectable biocomposite bone cement combining magnesium phosphate and carrageenan hydrogel with enhanced handling properties
5	Hong Kong, China	Diocesan Girls' School	Zhang Tsz Ki / Dai Zheng / Cheng Anson	VBesties
6	Malaysia	Universiti Teknologi PETRONAS	Tharshen A/L Subramaniam Assoc. Prof. Dr. Nasreen Badruddin Prof. Dr. Kalavathy Ramasamy	Machine Learning-Based Classification of Pre-Frailty in Older Adults Using Stool Microbiome Data
7	Hong Kong, China	Man Kwan Pak Kau College	CHAN Chun Yiu, Wesley FUNG Ka Hei	YOLO 11-based Intelligent Elderly Home Monitoring System
8	Peru	UNIVERSIDAD PRIVADA DEL NORTE S.A.C.	Sandra Victoria Jade, Reyes Quispe Luis Antonio, Flores Chacayan Michael David, Garay Sanchez Brandon Cesar, Pilco Sanchez	Autonomous robotic system for dynamic urban waste management with detection and temporary container function in high-demand areas
9	Peru	UNIVERSIDAD CONTINENTAL S.A.C.	Roger Fernando, Asto Bonifacio	DISPOSITIVO AUTÓNOMO PARA LA REGENERACIÓN DE TEJIDOS MEDIANTE BIOESTIMULACIÓN ADAPTATIVA
10	Peru	UNIVERSIDAD PRIVADA DEL NORTE S.A.C.	Alberto Claudio Miano Pastor	Floating Device for Laboratory-scale Studies of Refractance Window Drying
11	Peru	INDECOPI	Eduardo Raúl Picoaga Boluarte	Meat smoker for a gas stove

12	Thailand	Unity Concord International, Montfort College, Chiang Mai Thepbodint	Yuta Kobayashi Kunlanard Langkaphin Panupong Uprajong Pannawish Nilsakul Phuktharin Phaisanthanaphat Phakkamon Jongborirak	Herbal Mouthwash Infused with Thai Herbal Seeds
13	Malaysia	Asia Pacific University	Narendran Ramasenderan Krishna Ravinchandra Vinesh Thiruchelvam Rumi Iqbal Sufi	MediGuard AI Rover Autonomous Healthcare Security & Emergency Response System
14	Malaysia	Creative Advanced Machine Intelligence Research Centre, Universiti Malaysia Sabah, Malaysia, MAICoE	Professor Ts. Dr. Rayner Alfred Lee Ren Ting Dr. Raymond Alfred Mr. Lim Boon Seng Mr. Lim Chau Yang Ts. Dr. Rayner Pailus	<b>FIRESENSE 360™</b> : AI-Powered Smart Fire Alert and Verification Ecosystem for Zero-Downtime Emergency Response
15	Peru	INSTITUTO TECNOLÓGICO DE LA PRODUCCIÓN	Lizardo Leopoldo Laguna Lujan	DEVICE FOR CONTROLLING THE VERTICAL POSITION OF A HARDNESS METER
16	Peru	UNIVERSIDAD PERUANA LOS ANDES	Milka Gloria Godiño Poma Nielsen Kaimer Torres Rosales Allison Daniela Apari Roman Sandro Enrique Ruiz Bustamante Jorge Franklin Garcia Cuba	SMART THERMOS WITH WATER PURIFICATION SYSTEM
17	Vietnam	Huynh Thuc Khang High School / Foreign Language Specialized School – VNU / Hanoi-Amsterdam High School / HUS High School for Gifted Students	Nguyen Quynh Anh Phan Hai Phong Nguyen Doan Tam Nguyen Anh Phuc Nguyen Duy Duc Minh Tran Anh Duc	The Relationship Between Past and Current Inflation in Vietnam: A View from Quantitative Analysis
18	Peru	UNIVERSIDAD PERUANA LOS ANDES	Jesus Cesar Sandoval Trigos Christian Romulo Barja Huayta Diana Pariona Amaya Jhoan Billy Yanasupo Roca Carlos Alberto Ichpas Huaman	FOAM CLEANING PACKAGING WITH LID WITH BRISTLES AND VENTILATION DEVICE
19	Hong Kong, China	SHUN TAK FRATERNAL ASSOCIATION YUNG YAU COLLEGE	TANG Fei Fan / MAK Hei Yong / CHAN Pak Kiu	Forensic Eye: Bridging Reagent Chemistry and AI for Drug Law Enforcement
20	Peru	UNIVERSIDAD PRIVADA DEL NORTE S.A.C.	Ruth Aracelis Manzanares Grados Kelly Ivanna Curasi Anchayhua	Portable hazardous gas detection device in work environments with visual alert





# INTERNATIONAL SPECIAL AWARD

## European Exhibition of Creativity and Innovation (EUROINVENT)



No.	Country/Region	Organization	Inventor(s)	Title of Invention
1	USA	Episcopal Highschool	Suhyle Kim	NeuroChill: A Cold Therapy-Based Innovation for Enhancing Brain Cell Integrity and Alleviating Depression
2	Canada	BEAMSVILLE 1830 RESEARCH DEVELOPMENT LTD.	Zhenkun Zack Wang	EcoGuard AirBox: A Sustainable, Reusable Packaging System with Inflatable Protection
3	Peru	INDECOPI	Roberto David Portocarrero Calle Roxani Keewong Zapata	EQUIPMENT FOR THE CRYSTALLISATION OF SUGAR CANE HONEY FOR THE PRODUCTION OF GRANULATED PANELA
4	Cambodia	Department of Electrical and Electronic Engineering, Norton University	HE. Chan Mithona (Advisor) Mr.UL Dara (Advisor) Mr.EL Eseor (Co-Advisor) Mr.HACH Phanong (Co-Advisor) Mr.SAMBATH Vibol Ms.RATHA Sophanith	Vehicle Access Control System
5	Peru	UNIVERSIDAD PERUANA LOS ANDES	Fredi Gutierrez Martinez Fredi Paul Gutierrez Meza Rafael Wilfredo Rojas Bujaco Leticia Katerin Gamarra Avila Betfor Perez Acevedo	DESKTOP MONITOR STAND WITH ORGANIZER FRAME
6	Hong Kong, China	The Education University of Hong Kong	Prof Rudolf WU Shiu-sun Dr Yi YANG Dr Keng-Po LAI Prof Alice WONG Sze-Tsai Dr Run-Sheng Li	Nanopore sensing for rapid screening Epigenetic Disruptors in food, health care products, consumer goods and environmental matrices
7	Malaysia	Universiti Teknologi PETRONAS	Raja Haikal bin Raja Arifshah Assoc. Prof. Dr. Nasreen Badruddin Dr. Yi Yi Lee	Enhancing Geolocation-Based Built-Environment Databases for Diabetes Management Through Multi-Source Data Mining
8	Malaysia	UNIVERSITY MALAYSIA PAHANG AL-SULTAN ABDULLAH UMPASA	PROFESSOR DR. ABDURAHMAN HAMID NOUR Dr. NORASYIKIN BINTI ISMAIL DR. MUNA E. RAYPAH ASSOCIATE PROFESSOR DR. AZHARY HAMID NOUR ALI HASSAN ABDULRAHMAN AL-SAGGAF	Development of an Integrated Ultrasonic-Membrane Anaerobic System (IUMAS) for Enhanced Wastewater Treatment and Methane Recovery

9	Peru	UNIVERSIDAD NACIONAL AGRARIA LA MOLINA	Lawrence Enrique Quipuzco Ushñahua	Compost-digester for organic waste
10	Peru	UNIVERSIDAD PRIVADA DEL NORTE S.A.C.	Luis Antonio, Flores Chacayan Michael David, Garay Sanchez Jose Hernan, Gomez Padilla Gustavo, Paz Purizaca	Pothole detection and environment mapping system with pollution alerts for vehicles
11	Hong Kong, China	SHUN TAK FRATERNAL ASSOCIATION YUNG YAU COLLEGE	CHEN Chun Fun CHEN Yan Ki MAI Tsz Fung Humphrey NG Chun Ting	BreatheClean: A Smart Electrolyzed Water Air Purifier
12	Malaysia	Tunku Abdul Rahman University of Management and Technology	Yong Li, Tan Kin Yun, Lum, Dr	Collision Warning System (CWS)
13	Peru	UNIVERSIDAD SAN IGNACIO DE LOYOLA S.R.L.	Luciana, de la Fuente Carmelino Ana María, Muñoz Jauregui Juana Patricia, Lozada Huancachoque Jorge Enrique, Huaman Ricaldi	Mouthwash in tablet form without water in its composition with vegetable oils as antimicrobial active ingredients
14	Peru	UNIVERSIDAD NACIONAL DEL CENTRO DEL PERÚ	Norma Nélide Gamarra Mendoza Lino Achallma Mendoza	Process for obtaining a biofertilizer from trout by-products ( <i>Oncorhynchus mykiss</i> )
15	Malaysia	INTI International University	Mr. Harichandra Khaligarajah Prof. Asokan Vasudevan Mrs. Thakshini Harichandra	Smile Seeker: Enhancing User Engagement through Smile-Activated Printing Technology



**INTERNATIONAL SPECIAL AWARD**  
**Indonesian Invention and Innovation Promotion Association (INNOPA)**



No.	Country/Region	Organization	Inventor(s)	Title of Invention
1	Peru	UNIVERSIDAD SAN IGNACIO DE LOYOLA S.R.L.	Luciana, de la Fuente Carmelino Ana María, Muñoz Jauregui Juana Patricia, Lozada Huancachoque	Natural gel for moisturizing the scalp and fortifying the hair follicle
2	Saudi Arabia	King Faisal University	Dalal Mohammed Akram Motabagani	SkullScope-D
3	Peru	UNIVERSIDAD NACIONAL DE FRONTERA	Estrellita Mayra, Calle Berrú Lesly Carolina, Flores Mendoza Manuel Jesús, Sánchez Chero	OSMOTIC DEHYDRATOR WITH BEARINGS AND CONCENTRATION SENSOR
4	Canada	BEAMSVILLE 1830 RESEARCH DEVELOPMENT LTD.	Zhenkun Zack Wang	"GlidePack Pro" (A smart all-in-one backpack for storage, mobility, and weather adaptability)

5	Peru	UNIVERSIDAD PERUANA LOS ANDES	Wilhelm Vladimir Guerra Condor Angela Jessica Aragón Pizarro Sandy Vanessa Huaman Rodriguez Rosario Lavado Palma Yuliana Angeles Chamorro Guillen	AUTONOMOUS BIOMETRIC AND ANTHROPOMETRIC CONTROL CABINET
6	Peru	INDECOPI	HERNAN AUGUSTO GUEMBES FLORES	High Efficiency JetFan Type Equipment
7	Thailand	Princess Chulabhorn Science High School Lopburi	Ms. Sunanta Sirimongkol Mr. Woraprat Prawatwong Mr. Praty Kangwanrattanasin	Development of a Specialized Machine Learning System: for comprehensive Neurological and cerebrovascular Risk Assessment from MRI and CTScan
8	Peru	UNIVERSIDAD PRIVADA DEL NORTE S.A.C.	Ruth Aracelis Manzanares Grados Kelly Ivanna Curasi Anchayhua	A semi-waterproof agricultural padding for low weed growth made from cat hair and polysaccharide E-415
9	Peru	UNIVERSIDAD PERUANA LOS ANDES	Lizet Doriela Mantari Mincami Edith Mariela Quispe Sanabria Julio Cesar Pizarro Avellaneda Yesser Soriano Quispe Hilario Romero Giron	INTERACTIVE EDUCATIONAL CYLINDER FOR MATHEMATICAL OPERATIONS WITH RESULTS VALIDATION
10	Peru	SERVICIO NACIONAL DE ADiestRAMIENTO EN TRABAJO INDUSTRIAL	Karen Esteincin Cuba Vargas Xavier Antonio Laos Laura VIDIS JACK CUTIPA ARAPA	Cradle protection device for high-speed collisions and seismic events



Korea invention Academy  
한국발명아카데미

## INTERNATIONAL SPECIAL AWARD Korea Invention Academy (KiA)



Korea invention Academy  
한국발명아카데미

No.	Country/Region	Organization	Inventor(s)	Title of Invention
1	Sri Lanka	Sirimavo Bandaranaika School, Colombo 07, Sri Lanka	G.G.Sugame Lavanya Abeysiri Gunawardena	Automated Rain, Wind and Snow Protective Device
2	New Zealand	SPEL New Zealand Limited	Dr Yang Fong (Richard)	SPEL SP-365v2 TexShield™ - Dual-Action Antimicrobial & VOC Protection for Textiles
3	Peru	UNIVERSIDAD SEÑOR DE SIPÁN S.A.C.	ORIANA RIVERA LOZADA DE BONILLA SHELLLA LORZA HUAMAN PAOLO CAYETANO TERREL MIGUEL IPANAQUE ZAPATA	Regenerative and Anti-Aging Dermal Composition Based on Açai and Buriti Oils
4	Hong Kong, China	SHUN TAK FRATERNAL ASSOCIATION YUNG YAU COLLEGE	CHAN Tsz You TAM Hong Ting LIN Wai Hei	BugBuster Bot – An Autonomous Robotic Platform for Household Arthropod Suppression via Modular Natural and Synthetic Biocidal Delivery

5	Iraq	Salahaddin University	Tavga Sulaiman Rashid Hayman Kakakhan Awla Mohammed Jamal Jameel Muhammed Zrar Bakir Majid Hassan Mustafa	Innovative Biocontrol Invention for Canker Management
6	Thailand	Unity Concord International, Montfort College, Chiang Mai Thepbodint	Yuta Kobayashi Kunlanard Langkaphin Panupong Uprajong Pannawish Nilsakul Phuktharin Phaisanthanaphat Phakkamon Jongborirak	Herbal Mouthwash Infused with Thai Herbal Seeds
7	Peru	INDECOPI	Jenny Marianella, Soria Nina Daniel Augusto, Licetti Arena	ELECTRICAL POWER GENERATOR MODULE, DRIVEN BY WAVE MOTION, FOR PLATFORM OR DOCK.
8	Peru	UNIVERSIDAD PERUANA LOS ANDES	Carlos Enrique Quispe Eulogio Juan Carlos Solano Ayala Mario Maximo Ore Robles Pilar Doris Ledesma Mascaró Edith Ancco Gomez	AUTONOMOUS EQUIPMENT FOR ENVIRONMENTAL WATER DISTILLATION
9	Turkey	N/A	MEHRAN BAKHTIARI / Mohmmad Ahmadi Vashvaei / Morteza Nikparvar / Mahboubeh Hasheminezhad / Sima Hormozdiarycham / Mohammad Mahdi Azizollahi Nemat / Zahra Rahmani / Radmehr Hakamirad / Rasoul Abbaszadeh / Ershad Zamnpour	Smart box for transferring all sensitive laboratory, pharmaceutical and medical samples
10	Peru	UNIVERSIDAD CONTINENTAL S.A.C.	Albert Jorddy, Valenzuela Inga Liz Analy, Tapahuasco Zuñiga	METHOD FOR PRODUCING CLAY TILES WITH TANNERY WASTE AS A REINFORCING ADDITIVE



## INTERNATIONAL EXCELLENCE AWARD Norton University (NU) – Cambodia



No.	Country/Region	Organization	Inventor(s)	Title of Invention
1	Canada	The O.C. Channel	Marc Cormier	The O.C. Channel relief Insole / Auxiliary or integrated inner sole structure for footwear
2	Hong Kong, China	The Education University of Hong Kong	Dr Yeung Kin Chung Michael	A Hybrid EEG-fNIRS Neurofeedback Application for Brain Training for Autistic Children





# INTERNATIONAL SPECIAL AWARD

## Norton University (NU) – Cambodia



No.	Country/Region	Organization	Inventor(s)	Title of Invention
1	Qatar	Qatar University (QU) / Al-Andalus Preparatory Secondary Private School for Boys	Dr. Mohamed A. Helally Mr. Khalid H. Labda Mr. Abdalla A. Alodat Mr. Mohammed Al-Hajri Ms. Ala Husam Subhi Alardah Ms. Amna Abdulfattah Deyab Osman Dr. Mostafa Hussein Sliem Dr. Noora H. Al-Qahtani	Advanced 3D polymeric sponges offer promising solutions for addressing environmental challenges in Qatar's marine ecosystems.
2	Philippines	HOLY INFANT ACADEMY OF CALAPAM	Matteo Raphael A. Goco Miguel Jared V. Cheng Rojan Jacob A. Dela Cruz	SPOTLIGHT – Smart Platform for Optimized Tracking and Lighting Innovation
3	USA	Webb Schools, Claremont, CA, USA / International School, Bangkok, Thailand	Phongphol Damrongrat Kornsiripatchara Damrongrat	Music without barriers
4	Thailand	Shrewsbury International School and Chulalongkorn University Demonstration Secondary School	Jirasita Tohtubtiang Chiratchaya Hemrungronj Jeerasak Jitrotjanarak Parinton Jangtawee	NanoNypa Shield
5	Peru	INDECOPI	Fernando Felipe, Pérez Riojas	3 RIDE - Reduced-volume three-wheeled vehicle for a driver sitting upright.
6	Saudi Arabia	King Saud University	Meshari sultan mohammed alsheeban	AI-Based Smart Glasses for Alzheimer's Patients: A Real-Time Cognitive Support and Safety Monitoring System
7	Peru	UNIVERSIDAD NACIONAL DEL CENTRO DEL PERÚ	CALCINA SOTELO ARMANDO FELIPE CAMAYO LAPA BECQUER FRAUBERTH CALCINA DAMAS GIULIANA PAOLA	Surveillance and Security Robot
8	Hong Kong, China	SHUN TAK FRATERNAL ASSOCIATION YUNG YAU COLLEGE	WU Sunny HO Sze Ching NG Tsz Ying CHEUNG Ka Lam	Sweep-Mop Fusion: One Motion, Total Clean
9	Peru	UNIVERSIDAD PRIVADA DEL NORTE S.A.C.	Ruth Aracelis Manzanares Grados Kelly Ivanna Curasi Anchayhua	Procedure for the preparation of a compostable urn for the funeral service of pets
10	Peru	UNIVERSIDAD PRIVADA DEL NORTE S.A.C.	Michael David, Garay Sanchez Luis Antonio, Flores Chacayan	Autonomous device for detecting leaks in water tanks with wireless alert and real-time recording

No.	Country/Region	Organization	Inventor(s)	Title of Invention
1	Poland	Student Research Group 'Materials in Medicine', Gdańsk University of Technology	Marcin Wekwejt, PhD Rafał Jesiołkiewicz, MSc Anna Ronowska, PhD Aleksandra Mielewczyk-Gryń, PhD Justyna Kozłowska, PhD	DuoSet-SaMgCem: A dual-setting injectable bone cement composed of magnesium phosphate and cross-linked sodium alginate hydrogel for minimally invasive orthopedic procedures
2	Hong Kong, China	Man Kwan Pak Kau College	WONG Shun Chi KWONG Wing Hei TAI Yuen Shan	E-parking — A Motorcycle Parking Demand Forecasting and Visualization Platform Integrating YOLOv8 Multi-Object Detection and Government Open Data
3	Thailand	Princess Chulabhorn Science High School Lopburi	Ms. Sunanta Sirimongkol Mr. Woraprat Prawatwong Mr. Pratyā Kangwanrattanasin	Development of a Specialized Machine Learning System: for comprehensive Neurological and cerebrovascular Risk Assessment from MRI and CTScan
4	Indonesia	SMAN 1 Surakarta	Dimitria Nareswari Aleyya Intan Adonia Cinara Achmad Diraj Mahardika Insan Rasyid Rayyana Jaya Saputra Syifa Catriona Zahra	TEDDY: Temperature Monitoring Patch with Real-Time Wi-Fi-Based Tracking for Early Fever Alert and Built-In Cooling Therapy
5	Thailand	International School Bangkok	Thanabodee Withunchettanan	VigorGrow
6	United Kingdom	Oxford International College, UK	Nguyen Ha Bao Khanh	Gold price volatility forecasting with deep learning
7	Thailand	NIST International School Shrewsbury International School	Titapa Simapichaicheth Celine Boonyanusasna	Elder-joy-xercise
8	Vietnam	Nguyen Gia Thieu High School / Hanoi-Amsterdam High school for the Gifted / British Vietnamese International School / Lam son High school for the Gifted	TRAN TUAN MINH HO HIEN VINH NGUYEN GIA HUNG LE AN KHANH	Database Application in Automation and Control: Design of a Smart Home Monitoring and Control System Using SQL Server and C#
9	Hong Kong, China	SHUN TAK FRATERNAL ASSOCIATION YUNG YAU COLLEGE	LI Hiu Yin WONG Nga Ki YIP Wing Sze TSE Chi Ching WONG Ka Long	SmartDrop: A Low-Cost Intelligent Irrigation System for Sustainable Agriculture

10	Vietnam	The Olympia School / VinSchool The Harmony / Foreign Language Specialised School	Tran Ha Khanh Tran Phan Duc Do Nhat Quang Pham Duy Long Nguyen Duc Anh	AI-Driven Credit Risk Evaluation to Enable Financial Inclusion in Credit Card Services
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**INTERNATIONAL SPECIAL MEDAL AWARD**  
**Satit Chula Innovation Society, Thailand**



No.	Country/Region	Organization	Inventor(s)	Title of Invention
1	Saudi Arabia	Alkifah Academy	Safa'a Hussain Al-Hussain	ConvertPy : Leveraging Large Language Models (LLMs) for Reliable and Scalable Code Translations
2	Canada	BEAMSVILLE 1830 RESEARCH DEVELOPMENT LTD.	Zhenkun Zack Wang	An anti-tracking software system utilizing randomized browsing history augmentation and simulated behavioral patterns to counteract digital surveillance
3	Peru	UNIVERSIDAD PERUANA LOS ANDES	Yina Milagro Ninahuanca Zavala Wilinton Sánchez Flores Anayeli Guadalupe Meza Cruz Carlos Gerardo Flores Espinoza Nataly Lucia Cordova Zorrilla	EQUIPMENT FOR THE CORRECTION AND ADDITION OF STIRRUPS
4	Malaysia	UNIVERSITY MALAYSIA PAHANG AL-SULTAN ABDULLAH UMPSA	PROFESSOR DR. ABDURAHMAN HAMID NOUR DR. MUNA E. RAYPAH PROFESSOR DR. MOHD FAIZAL JAMLOS	Potential of Black Liquor as a Sustainable Fuel Source: Innovations and Future Perspectives
5	Peru	UNIVERSIDAD PRIVADA DEL NORTE S.A.C.	Luis Antonio, Flores Chacayan Michael David, Garay Sanchez Miguel Alfredo, Lévano Stella Katherine Susan, Llanos Chacaltana	Electronic auxiliary handle for drills with a measurement system for depth, height, and tilt angle parameters during drilling
6	Saudi Arabia	King Faisal University	Dalal Mohammed Alshehri Co-inventor: Dalal Mohammed Akram Motabagani	AI-Powered Dash Cam for Crash Triage & Emergency Response
7	Hong Kong, China	The Faculty of Dentistry, The University of Hong Kong; Centre for Virology, Vaccinology & Therapeutics	Teng, Jade Lee-Lee Yeung, Man Lung Ma, Yuanchao Jia, Lilong Huang, Yao	First Taste Bud Organoid for Infection Modeling and Functional Testing
8	Peru	UNIVERSIDAD PRIVADA DEL NORTE S.A.C.	Ruth Aracelis Manzanares Grados Kelly Ivanna Curasi Anchayhua	An organic material fertilizer for the elaboration of scrapers for cat by using pineapple shell

9	Hong Kong, China	SHUN TAK FRATERNAL ASSOCIATION YUNG YAU COLLEGE	CHEN Chun Fun CHEN Yan Ki MAI Tsz Fung Humphrey NG Chun Ting	BreatheClean: A Smart Electrolyzed Water Air Purifier
10	Saudi Arabia	University of Tabuk	Manar Yahya Assiri Emtenan Abdullah Alhakami Abeer Hammad Albalawi Elham Ali Alahmari	AutoGuard Patch
11	Peru	UNIVERSIDAD NACIONAL DEL CENTRO DEL PERÚ	David Elvis Condezo Hurtado José Eduardo Galarza Linares Bartolomé Saenz Loayza Roberto César Asto Hinojosa Becquer Frauberth Camayo Lapa Brecio Daniel Lazo Baltazar Evelyn Victoria Tinoco Bernuy	UNMANNED GROUND VEHICLE FOR AGRICULTURAL INSPECTION WITH ANTI-STUCK TECHNOLOGY
12	Turkey	N/A	Amir Mohammadzadeh Faezeh Ahanj Seyyede Sahar Asgari Ghalebini Azarm Noavaran Savalan Company	Phototherapy shirt for babies with jaundice, vitamin therapy and environmental disinfection with special application
13	Peru	NATURAL FIBER'S TECH S.A.C.; MAXCORP TECHNOLOGIES S.A.C.	Edgar Carlos, Quispe Peña Max David, Quispe Bonilla	NON-INVASIVE PROCEDURE AND DEVICE FOR CROSS-SECTIONAL CHARACTERISTICS ANALYSIS OF TEXTILE FIBER.
14	Peru	UNIVERSIDAD SEÑOR DE SIPÁN S.A.C.	ORIANA RIVERA LOZADA DE BONILLA SHELLLA LORZA HUAMAN PAOLO CAYETANO TERREL	Larvicidal Composition Based on Annona Extract and Essential Oils for Vector Control
15	Peru	UNIVERSIDAD CONTINENTAL S.A.C.	Albert Jorddy, Valenzuela Inga Liz Analy, Tapahuasco Zuñiga	METHOD FOR PRODUCING CLAY TILES WITH TANNERY WASTE AS A REINFORCING ADDITIVE



**INTERNATIONAL SPECIAL MEDAL AWARD**  
**Hong Kong Dream Technology & Innovation Society (HKDTIS)**



No.	Country/Region	Organization	Inventor(s)	Title of Invention
1	Canada	N/A	Timothy Paul Zilinski	The YNOTT GTD (Your Next On The Tee - Golf Tee Dispenser)
2	Georgia / Spain	Giorgi Mikiashvili's Future Lab	Giorgi Mikiashvili	Innovative Travel Suitcase – Universal Comfort
3	Canada	N/A	Shamim Sasanpour	Squeegee Foldable



4	Peru	UNIVERSIDAD CATÓLICA DE SANTA MARÍA	Eveling Gloria, Castro Gutierrez Jackeline Melady Peña Alejandro Nicolas Esleyder Caytairo Silva	ASSISTIVE DEVICE FOR BANKNOTE RECOGNITION FOR VISUALLY IMPAIRED PERSONS
5	Saudi Arabia	University of Tabuk	Abeer Hammad Albalawi Manar Yahya Assiri Emtenan Abdullah Alhakami Elham Ali Alahmari	BASIRA
6	Peru	UNIVERSIDAD CONTINENTAL S.A.C.	Diego Ricardo, Cajachagua Guerreros Jhon Rodrigo, Ortiz Zacarias Robert Leonel, Fernandez Alcocer Carlos Alberto, Coaquira Rojo	POWER GENERATION SYSTEM IN ELEVATED TANKS USING PELTON TURBINES WITH AUTOMATED CONTROL AND MONITORED WITH HMI
7	Peru	UNIVERSIDAD PERUANA LOS ANDES	Lizet Doriela Mantari Mincami Edith Mariela Quispe Sanabria Isaac Wilmer Montero Yaranga Jonh Alexander Taquio Yangali Eucaris Del Carmen Agüero Corzo	MULTISENSORY EDUCATIONAL TABLE FOR CHILDREN WITH SPECIAL NEEDS
8	Saudi Arabia	Princess Noura University (PNU)	Rahaf Youse Almutairi Aljoud Abdullah Almousa Fatima Hani Alsnsari	Integrated R&D Approach to Optimize Bombyx mori Silk Harvesting Techniques
9	Peru	UNIVERSIDAD PRIVADA DEL NORTE S.A.C.	Ruth Aracelis Manzanares Grados Kelly Ivanna Curasi Anchayhua	An organic fertilizer material to produce packaging protectors made from the waste of Robinia pseud acacia L. as a replacement for expanded polystyrene
10	Qatar	Qatar University (QU)	Ms. Marwa Anas Fadhil Alani Ms. Ala Husam Subhi Alardah Ms. Mennatalla Sheikh Mohamed Saifeldin kuna Mr. Abdalnaser Maamon Rabie Ms. Amna Abdulfattah Deyab Osman Dr. Noora H. Al-Qahtani	974.HUB Research Group: Empowering Future Leaders Through Sustainability Education and Innovation



**INTERNATIONAL SPECIAL AWARD**  
National University of Science and Technology POLITEHNICA Bucharest, Romania



No.	Country/Region	Organization	Inventor(s)	Title of Invention
1	Morocco	N/A	Mehdi CHAOU	CHAOU-BLOCK : Self-supporting keystones, formwork, and bending for the construction of vaults and domes with interlocking from the extrados.

2	Peru	INDECOPI	Jonny Manuel, Cueva Vargas	A fruit picker with a telescopic arm and built-in storage device
3	Qatar	Qatar University Young Scientists Center	Amen Allah Benhassan / Albaraa Ahmed / Ali Al-Baker / Yousef Hassan / Shoaib Alam Mallick / Rana Magdy Abdou	Innovative wheelchair for disabled basketball players
4	Peru	UNIVERSIDAD CONTINENTAL S.A.C.	Jezy James, Huaman Rojas Roger Fernando, Asto Bonifacio	ROBOT MÓVIL AUTÓNOMO PARA LA APLICACIÓN DE PESTICIDAS CON VISIÓN ARTIFICIAL Y BRAZO PARALELO EN AGRICULTURA DE PRECISIÓN
5	USA	The University of Arizona	Sara Sheikhlary	CRISPlasma Kit: An Innovative Tool for Precision Gene Editing
6	Malaysia	UNIVERSITY MALAYSIA PAHANG AL-SULTAN ABDULLAH UMPSA	PROFESSOR DR. ABDURAHMAN HAMID NOUR DR. MUNA E. RAYPAH PROFESSOR DR. MOHD FAIZAL JAMLOS	Potential of Black Liquor as a Sustainable Fuel Source: Innovations and Future Perspectives
7	Thailand	Montfort College Secondary School	Thanida Maneesri Sajitha Thapniwat Rattasart Chaisuwan Pawarisa Chanthatham Thananchanok Wongkhun	Development of Bioplastic from Orange and Lime Peels
8	Saudi Arabia	University of Tabuk	Abeer Hammad Albalawi Manar Yahya Assiri Emtenan Abdullah Alhakami Elham Ali Alahmari	BASIRA
9	Malaysia	China Construction Yangtze River(Malaysia) Sdn Bhd	Ye Xunan / Jiang Xiangyang / Ma Yikui / Fu Hanghang / Zhu ZhiJie	Key technologies for the construction of the first large-scale live stage performance center in Southeast Asia
10	Thailand	Chulalongkorn University	Assoc. Prof. Natt Leelawat Dr. Jing Tang Isoon Chanchongkham Prarunchai Ruttanaprasert Teerawat Riensuwon	Building Fire Evacuation Strategy Improvement using Agent-Based Simulation
11	Peru	UNIVERSIDAD SAN IGNACIO DE LOYOLA S.R.L.	Luciana, de la Fuente Carmelino Ana María, Muñoz Jauregui Juana Patricia, Lozada Huancachoque	Paraben-free collagen and elastin production stimulating cream containing vegetable oil and extracts
12	Peru	UNIVERSIDAD CONTINENTAL S.A.C.	Diego Ricardo, Cajachagua Guerreros Alem, Huayta Uribe Helder Alexis, Mayta Leon Sthuar Jimmy, Nuñez Ovalle	AUTOMATED POTATO CHUÑO PROCESSING MECHANISM USING HEATING, FREEZING AND LEACHING STAGES WITH INTEGRATED PROCESS CONTROL
13	Hong Kong, China	Diocesan Girls' School	Wong Yi Yan Erin / Yau Hay Sun Scarlett / Yuen Tin Yan	Recycling Monitor Specialist

14	Peru	UNIVERSIDAD NACIONAL DE EDUCACIÓN ENRIQUE GUZMÁN Y VALLE	Marisol Edith, Zelarayan Aduato Mario Jaime Andía María Carmela, Rodríguez San Miguel Gamaniel Domingo, Gonzales Salvador Richard Miller, Armas Castañeda Florencio Flores Ccanto Isabel Menacho Vargas	Smart Trigonometric Ruler with Angle Measurement and Automatic Calculation of Mathematical Functions
15	Qatar	Qatar University (QU)	Ms. Marwa Anas Fadhil Alani Ms. Ala Husam Subhi Alardah Ms. Mennatalla Sheikh Mohamed Saifeldin Kuna Mr. Abdalnaser Maamon Rabie Ms. Amna Abdulfattah Deyab Osman Dr. Noora H. Al-Qahtani	974.HUB Research Group: Empowering Future Leaders Through Sustainability Education and Innovation

## INTERNATIONAL SPECIAL AWARD

### International Federation of Inventors Associations – Focal Point Middle East (IFIA-FPME)

No.	Country/Region	Organization	Inventor(s)	Title of Invention
1	Bosnia and Herzegovina	ANTENA-NET DOO TESLIC	Milan Aleksić ANTENA-NET DOO TESLIC	Advanced solution for sports event management
2	Canada	BEAMSVILLE 1830 RESEARCH DEVELOPMENT LTD.	Zhenkun Zack Wang	EcoGuard AirBox: A Sustainable, Reusable Packaging System with Inflatable Protection
3	Peru	UNIVERSIDAD PERUANA LOS ANDES	Pierre Chipana Loayza Oscar Lucio Ninamango Solis Skaidrite Del Rocio Landeo Bancovich Angie Nicole Veliz Guzman Heidi Viviana Cordova Calero	ECOLOGICAL GENERATOR FOR URBAN LIGHTING AND IRRIGATION
4	Hong Kong, China	Centre for Virology, Vaccinology and Therapeutics; The University of Hong Kong	Jie ZHOU / Man Chun CHIU / Cun LI / Kwok Yung YUEN	Advanced human respiratory organoid culture system
5	Peru	UNIVERSIDAD PRIVADA DEL NORTE S.A.C.	Ruth Aracelis Manzanares Grados Kelly Ivanna Curasi Anchayhua	Procedure for the preparation of a compostable urn for the funeral service of pets
6	Hong Kong, China	The University of Hong Kong	Weiping WANG Yaming ZHANG	Cinnamaldehyde prodrug for rheumatoid arthritis treatment
7	Thailand	Bangkok Patana School	Miss Peeraya Kulyadul Miss Napa-ai Suriyabhivadh Miss Proudpalin Suriyabhivadh	SHINE BEYOND THE SHADOW: Inclusive 3D Tactile Board Game for the Visually Impaired

8	Peru	UNIVERSIDAD CONTINENTAL S.A.C.	Roger Fernando, Asto Bonifacio	DISPOSITIVO AUTÓNOMO PARA LA REGENERACIÓN DE TEJIDOS MEDIANTE BIOESTIMULACIÓN ADAPTATIVA
9	Saudi Arabia	Princess Noura University (PNU)	Rahaf Youse Almutairi Aljoud Abdullah Almousa Fatima Hani Alsnsari	Integrated R&D Approach to Optimize Bombyx mori Silk Harvesting Techniques
10	Peru	UNIVERSIDAD NACIONAL DEL CENTRO DEL PERÚ	Becquer Frauberth, Camayo Lapa Roberto César, Asto Hinojoza Adrian Becquer, Camayo Vivas Miguel Ángel, Quispe Solano Brecio Daniel, Lazo Baltazar	AUTOMATED ANAEROBIC FERMENTER FOR COFFEE BEANS



## INTERNATIONAL SPECIAL AWARD

### Association of Thai Innovation and Invention Promotion (ATIP)



No.	Country/Region	Organization	Inventor(s)	Title of Invention
1	Canada	N/A	Timothy Paul Zilinski	The YNOTT GTD (Your Next On The Tee - Golf Tee Dispenser)
2	Georgia / Italy	Inventors Club of Georgia	Diana Imerlishvili	Innovative Backpack – GVAQES
3	Saudi Arabia	University of Tabuk	Manar Yahya Assiri Emtenan Abdullah Alhakami Abeer Hammad Albalawi Elham Ali Alahmari	AutoGuard Patch
4	Sri Lanka	Sri Lanka Inventors Commission	Mohamed Firdhous Rasheed	Project-0 Floating Valve / Directional Control Floating Valve
5	Peru	UNIVERSIDAD PRIVADA DEL NORTE S.A.C.	Cristina Nayeli, Guzmán Abregú Kassandra, Montezuma Sobrino Renzo Alexander, Morales Montes Jhony Miguel, Sánchez Ramirez Eduardo Martin, Reyes Rodriguez	Integrated obstacle detection assistance system with sensory helmet and smart glasses
6	Peru	UNIVERSIDAD TECNOLÓGICA DEL PERÚ S.A.C.	José Carlos Mallma Soto	RECYCLING MACHINE WITH HYDRAULIC DISPENSING SYSTEM
7	Canada	Ryerson University & The Inventors Nest	Maria Karam Deb Fels Frank Russo	System and method for displaying sound as vibrations



8	Iraq	Salahaddin University	Tavga Sulaiman Rashid Hayman Kakakhan Awla Mohammed Jamal Jameel Muhammed Zrar Bakir Majid Hassan Mustafa	Innovative Biocontrol Invention for Canker Management
9	Malaysia	Creative Advanced Machine Intelligence Research Centre, Universiti Malaysia Sabah, Malaysia	Ts. Dr. Rayner Henry Pailus Professor Ts. Dr. Rayner Alfred	MADBOOST AI Potholes for Pothole Detection and Severity Mapping Using G-Sensitivity and Plus Codes
10	Peru	INSTITUTO TECNOLÓGICO DE LA PRODUCCIÓN	Lizardo Leopoldo Laguna Lujan	Device for aligning objects with imperfect orthogonality



## INTERNATIONAL SPECIAL AWARD

### Korea University Invention Association (KUIA)



No.	Country/Region	Organization	Inventor(s)	Title of Invention
1	Brazil	CEEP Pedro Ribeiro Pessoa	Adson Adiel de Assis Bastos Erick Rafael Silva Santana Marcos Vinicius Rodrigues de Oliveira	Zentro.AI — The Core of Your Business Success
2	Georgia / Italy	Inventors Club of Georgia	Diana Imerlishvili	Innovative Backpack – GVAQES
3	Canada	BEAMSVILLE 1830 RESEARCH DEVELOPMENT LTD.	Zhenkun Zack Wang	An anti-tracking software system utilizing randomized browsing history augmentation and simulated behavioral patterns to counteract digital surveillance
4	Peru	SERVICIO NACIONAL DE ADiestRAMIENTO EN TRABAJO INDUSTRIAL	Karen Esteincin Cuba Vargas	Portable roller blind with mobile ventilation
5	Peru	UNIVERSIDAD SAN IGNACIO DE LOYOLA S.R.L.	Juana Patricia, Lozada Huancachoque Ana María, Muñoz Jauregui Keidy, Cancino Chavez Jorge Enrique, Huaman Ricaldi	Cream with moisturizing effect especially for very dry skin formulated with plukenetia huayllabambana oil
6	Sri Lanka	Ananda College Colombo - 10	Walpitage Jithuka Mindiya Walpita	Nano Carbon and Nano ZnO Solar Ray Filter
7	Malaysia	Asia Pacific University	Narendran Ramasenderan Krishna Ravinchandra Vinesh Thiruchelvam Andrew Ng Chee Wei	InteliSwarm Sentinel – An autonomous swarm multi domain inspection robotic platform for facility management and maintenance
8	Thailand	RUAMRUDEE INTERNATIONAL SCHOOL / BANGKOK PATANA SCHOOL	Mr. SITHSAKORN JANTRAKUL Mr. CHAIYANAT KUPTIVEJ	RICESENSE/ FUTURE OF GOOD LIFE PROJECT

9	Hong Kong, China	Man Kwan Pak Kau College	WONG Shun Chi KWONG Wing Hei TAI Yuen Shan	E-parking — A Motorcycle Parking Demand Forecasting and Visualization Platform Integrating YOLOv8 Multi-Object Detection and Government Open Data
10	Turkey	TED UNIVERSITY	Seyed Javad ROUDEHCHI TABRIZI Mrs. Samar GOLDOUZ	Portable Microplasma Unit for Oil Waste Recycling and Energy Recovery



## INTERNATIONAL SPECIAL AWARD Romanian Inventors Forum (FIR)



No.	Country/Region	Organization	Inventor(s)	Title of Invention
1	New Zealand	SPEL New Zealand Limited	Dr Yang Fong (Richard)	SPEL SP-38 - Antimicrobial and Antiseptics For Vagina Care (HPV Support)
2	Malaysia	INSTITUTE OF TEACHER EDUCATION SARAWAK CAMPUS, MIRI, SARAWAK, MALAYSIA	HU LAEY NEE NORSARIHAN AHMAD VUN XIU XUAN LAI CHAUN CHOY ALVIN KONG WEI EE TONY LOH LI JIN LING JUN HAO	Robots-enhanced Operation for Brilliant Opportunity in Teaching Success 3.0 (R.O.B.O.T.S3.0)
3	USA	Scarsdale High School	Minsung Hyun	PAX7Heal: A Gene Therapy-Based Innovation for Accelerating Muscle Wound Healing and Cellular Protection
4	Azerbaijan	International School of Azerbaijan (TISA)	Timur Mustafazade Murad Maharram	SMARTSHIELD for wheat seeds: advanced biochar-chitosan seed coating for soil & crop improvement
5	Peru	UNIVERSIDAD PERUANA LOS ANDES	Lizet Doriela Mantari Mincami Edward Eddie Bustinza Zuasnabar Hilario Romero Giron Diego Estéfano Parodi Tardio Albert Landa Landa Rosario	INTELLIGENT OFFSIDE DETECTION SYSTEM FOR SOCCER
6	Hong Kong, China	SHUN TAK FRATERNAL ASSOCIATION YUNG YAU COLLEGE	TANG Fei Fan MAK Hei Yong CHAN Pak Kiu	Forensic Eye: Bridging Reagent Chemistry and AI for Drug Law Enforcement
7	Malaysia	Universiti Teknologi PETRONAS (UTP)	Ang Yi Heng Dr. Norashikin Bt Yahya Dr. Danish M. Khan	AI-Powered ADHD Diagnosis through EEG and Brain Connectivity Analysis

8	Hong Kong, China	Advanced Biomedical Instrumentation Centre Limited	Kevin Tsia Kin Man Sam Ho Chi Kai Dickson Siu Man Dick	Deep Visual Immune Cell Profiling (Deep VICP)
9	Peru	UNIVERSIDAD PRIVADA DEL NORTE S.A.C.	David Angel Asmat Campos Meliza Lindsay Rojas Silva	Método para la síntesis biogénica de nanopartículas de Sílice. Method for the biogenic synthesis of silica nanoparticles.
10	Peru	UNIVERSIDAD CONTINENTAL S.A.C.	Sliver Ivan, Del Carpio Ramirez Carlos Alberto, Coaquira Rojo	AUTOMATED EXCAVATOR MACHINE FOR FIGHTING FOREST FIRES BY DOUBLE RAKE AND GPS MONITORING



## INTERNATIONAL SPECIAL AWARD

### The First Institute of Inventors and Researchers in I.R. IRAN (FIRI)



No.	Country/Region	Organization	Inventor(s)	Title of Invention
1	Peru	UNIVERSIDAD PRIVADA DEL NORTE S.A.C.	Luis Antonio, Flores Chacayan Michael David, Garay Sanchez Jose Hernan, Gomez Padilla Gustavo, Paz Purizaca	Pothole detection and environment mapping system with pollution alerts for vehicles
2	Thailand	Chulalongkorn University	Dr. Jing Tang Assoc. Prof. Natt Leelawat Maykey Mekworawuth Tanadeach Oumimpuech Pithawat Komolpis	Immersive Solution for Tsunami Evacuation in Phuket
3	Peru	UNIVERSIDAD SAN IGNACIO DE LOYOLA S.R.L.	Luciana, de la Fuente Carmelino Ana María, Muñoz Jauregui Juana Patricia, Lozada Huancachoque	Natural gel for moisturizing the scalp and fortifying the hair follicle
4	Hong Kong, China	Centre for Virology, Vaccinology & Therapeutics; The University of Hong Kong	Huiping Shuai Jingxin Qiao Jasper Fuk-Woo Chan Shengyong Yang Hin Chu	An orally available Mpro/TMPRSS2 bispecific inhibitor with potent anti-coronavirus efficacy in vivo
5	Thailand	NIST	Kunpol Poolvorulak Kuntee Poolvorulak Punn Sutivong	Virtual Reality Reintegration for Incarcerated Mothers in Thailand

6	Peru	UNIVERSIDAD PERUANA LOS ANDES	Fredi Gutierrez Martinez Fredy Paul Gutierrez Meza Rafael Wilfredo Rojas Bujaico Leticia Katerin Gamarra Avila Betfor Perez Acevedo	DESKTOP MONITOR STAND WITH ORGANIZER FRAME
7	Peru	UNIVERSIDAD PERUANA LOS ANDES	Duany Davila Honorio Leydi Mendoza Urriburu Derick Kenny Pérez Villanueva Jose Luis Valverde Calero Abrahams Moises Cabrera Montalvo	OUTDOOR WIND ADVERTISING PANEL
8	Peru	UNIVERSIDAD CONTINENTAL S.A.C.	Diego Ricardo, Cajachagua Guerreros Jhon Rodrigo, Ortiz Zacarias Sliver Ivan, Del Carpio Ramirez Carlos Alberto, Coaquira Rojo	UNDERWATER ROBOT FOR THE TREATMENT OF POLLUTED WATER IN SEPTIC TANKS
9	Thailand	NIST International School Thailand	Preyahathai (Homey) Aroonvanichporn	The SMART insole
10	Peru	UNIVERSIDAD CATÓLICA SANTO TORIBIO DE MOGROVEJO	JOSDAN JAVIER GARCIA GONZALES JOSELITO SANCHEZ PEREZ	Semi-Automatic Rotary Machine for Sandal Manufacturing



**INTERNATIONAL SPECIAL AWARD**  
**National Association for Science and Research (NASR), Lebanon**



No.	Country/Region	Organization	Inventor(s)	Title of Invention
1	Poland	High School No. 4 at School Complex No. 6 in honor of King John III Sobieski in Jastrzebie-Zdroj / Silesian University of Technology / Public Primary School of the Salesian Sisters in Jastrzebie-Zdroj	Emilia Szweda Maja Szweda Juliusz Szweda	Help! Save the Dog
2	Thailand	Maejo University	Asst. Prof. Dr. Chutima Kongjaroon Narathip Puangbuyai Janthakan Sittiwannarat Kantaphong Sakulchangsatjatai Nuttanich Chaikwaeng	Chrysanti: Luxury Oral Care Chewing Gum Infused with Chrysanthemum Extract
3	Peru	INDECOPI	Jenny Marianella, Soria Nina Daniel Augusto, Licetti Arena	ALKALINE ELECTROLYZER MODLE FOR OBTAINING GREEN HYDROGEN FROM SEAWATER
4	Peru	UNIVERSIDAD PRIVADA DEL NORTE S.A.C.	Meliza Lindsay, Rojas Silva David Angel, Asmat Campos	Bioplastics functionalized with silver, zinc oxide, and silica nanoparticles



5	Romania	National University of Science and Technology POLITEHNICA Bucharest	MICULESCU Florin MICULESCU Marian COSTOIU Cosmin-Mihnea CHIVU Oana-Roxana BARBU Catalin-Alexandru SEMENESCU Augustin	MECHANICAL-ELECTRIC CLOTHES DRYER
6	Peru	UNIVERSIDAD PRIVADA DEL NORTE S.A.C.	Ruth Aracelis Manzanares Grados Kelly Ivanna Curasi Anchayhua	A semi-waterproof agricultural padding for low weed growth made from cat hair and polysaccharide E-415
7	Thailand	NIST International School Thailand	Preyahathai (Homey) Aroonvanichporn	The SMART insole
8	Hong Kong, China	Hanlun Laboratory School	YEUNG Yau Yuen LEI Xiang	Hanlun agentic AI for enhancing e-learning of STEM subjects
9	Peru	UNIVERSIDAD CONTINENTAL S.A.C.	Diego Ricardo, Cajachagua Guerreros Jhon Rodrigo, Ortiz Zacarias Roberth Leonel, Fernandez Alcocer Carlos Alberto, Coaquira Rojo	RAINWATER HARVESTING STRUCTURE WITH ENERGY GENERATION AND WATER REUSE THROUGH SENSORS AND AUTOMATED CONTROL
10	Peru	UNIVERSIDAD SEÑOR DE SIPÁN S.A.C.	ORIANA RIVERA LOZADA DE BONILLA SHEYLLA LORZA HUAMAN PAOLO CAYETANO TERREL	Anxiolytic and Anti-Stress Composition Based on Ashwagandha, Blueberry, and Green Tea



**INTERNATIONAL SPECIAL AWARD**  
Highly Unique Innovative Foundation (HIUF), Saudi Arabia



No.	Country/Region	Organization	Inventor(s)	Title of Invention
1	Malaysia	Universiti Sains Malaysia	Chu Jun Ong Associate Professor Ts. Dr. Chew XinYing	TravelEase – Intelligent Travel Planning Application
2	Hong Kong	Advanced Biomedical Instrumentation Centre	William Whitehouse Lin Wang Louisa Lo Julian Tanner	Electrochemical Biosensor for Rapid and Real-Time Detection of Key Inflammatory and Stress Markers
3	Turkey	N/A	Dr. Sadegh Karimi Masouleh	Limita
4	Malaysia	INTI International University	Mr. Harichandra Khaligarajah Prof. Asokan Vasudevan Mrs. Thakshini Harichandra	Smile Seeker: Enhancing User Engagement through Smile-Activated Printing Technology
5	Peru	INDECOPI	Eduardo Raúl Picoaga Boluarte	Convertible assembly dome for a pickup truck hopper

**- END OF INTERNATIONAL SPECIAL AWARDS SELECTIONS -**

**- CANADIAN SPECIAL AWARDS SELECTIONS ON NEXT PAGE -**



## CANADIAN SPECIAL AWARD

### Inventors College Organization (ICO) – Toronto, Canada



No.	Country/Region	Organization	Inventor(s)	Title of Invention
1	Indonesia	Warmadewa University	Putu Ayu Krishna Jihvani Komang Bukyan Jina Raksita Cokorda Gede Bagus Muladhara Cakra Kailasa	CASTOPLUS: Antibacterial Hydrogel Patch Combining Coralbush ( <i>Jatropha multifida</i> L.) Latex and White Turmeric ( <i>Curcuma mangga</i> ) Extracts for Enhanced Diabetic Wound Healing
2	Hong Kong, China	Centre for Virology, Vaccinology and Therapeutics; The University of Hong Kong	Jie ZHOU / Cun LI / Zhixin WAN / Yifei YU / Kwok Yung YUEN	Innovative applications of proprietary respiratory organoids
3	Thailand	Chulalongkorn University Demonstration Secondary School	Nattarin Ouicharoen Phichphanita Mathasuriyapong	Mag Neuro Care™
4	Peru	SERVICIO NACIONAL DE ADIESTRAMIENTO EN TRABAJO INDUSTRIAL	Karen Esteincin Cuba Vargas	Transmitter and receiver system for precise location of obstacles in pipelines by means of cable glands
5	Peru	UNIVERSIDAD PERUANA LOS ANDES	Pablo Rodríguez Ruiz Jenny Caroline Muñoz Saenz Andrea Manuela Camac Ramos Johan Edgar Ruiz Espinoza Henry Francisco Aguado Taquire	SOLAR PUBLIC FURNITURE WITH AUTOMATIC SPRINKLER CLEANING SYSTEM
6	Hong Kong, China / Vietnam	City University of Hong Kong / City University of Hong Kong Shenzhen Research Institute / Apply 2D Co. Ltd. / The Hong Kong Polytechnic University	Ly Thuc Hue Huang Lingli Zhao Jiong Chen Honglin	Engineering Surface Wrinkles to Modulate Electrical and Optical Properties for Nanodevices
7	Peru	UNIVERSIDAD CONTINENTAL S.A.C.	Diego Ricardo, Cajachagua Guerreros Jhon Rodrigo, Ortiz Zacarias Sliver Ivan, Del Carpio Ramirez Carlos Alberto, Coaquira Rojo	AUTOMATED MACHINE FOR COFFEE HUSK PEELING AND BEAN GRADING WITH ARTIFICIAL VISION AND RECIRCULATION SYSTEM
8	Turkey	N/A	Dr. Aydin Ostovar	Aydin's IQ Map: Personalized Learning Pathway for Gifted Success
9	Hong Kong, China	City University of Hong Kong / City University of Hong Kong Shenzhen Research Institute / The Hong Kong Polytechnic University / Apply 2D Co. Ltd. / Clean 2D Co. Ltd.	Ly Thuc Hue Liu Haijun Thi Quoc Huy Zhao Jiong	Ice-assisted transfer & cleaning technique for semiconductors and electronic devices
10	Hong Kong, China	Man Kwan Pak Kau College	Wong Cheuk Wai / Lam Chun Hin Rex / Kwok Yat Sing	Chilli kills bacteria

No.	Country/Region	Organization	Inventor(s)	Title of Invention
1	Tajikistan	Avicenna Tajik State Medical University	Madina Karieva Zarifovna	Device for congenital hip dislocation treatment
2	Hong Kong, China	The University of Hong Kong	Weiping WANG Yaming ZHANG	Cinnamaldehyde prodrug for rheumatoid arthritis treatment
3	Thailand	Chulalongkorn University	Dr. Jing Tang Assoc. Prof. Natt Leelawat Maykey Mekworawuth Tanadeach Oumimpuech Pithawat Komolpis	Immersive Solution for Tsunami Evacuation in Phuket
4	Hong Kong, China	Man Kwan Pak Kau College	FUNG Ka Hei	E-Stress Shield
5	Malaysia	Universiti Teknologi PETRONAS (UTP)	Ang Yi Heng Dr. Norashikin Bt Yahya Dr. Danish M. Khan	AI-Powered ADHD Diagnosis through EEG and Brain Connectivity Analysis
6	Bosnia and Herzegovina	ANTENA-NET DOO TESLIC	Milan Aleksić ANTENA-NET DOO TESLIC	Advanced solution for sports event management
7	Georgia	Inventors Club of Georgia	Nazi Kopaleishvili	Kopal Hand
8	Thailand	Biochemistry Unit, Department of Physiology, Faculty of Veterinary Science, Chulalongkorn University	Sirakarnt Dhitavat Nikom Chaisiri Sujin Sirisawadi Nunthida Kunnasut	NITRATE TEST KIT
9	Indonesia	Grand Innovator	Atalaumar Febriogrand Sudirdja Atalacenna Galang Elenovjagoar Syahira Maury Husna Aisyah Ayudia Inara Kittara Mentari Keumalahayati Faira kania azzahra Kinar Galuh Lituhayu	A Rotatable Ball-Shaped Indoor Hydroponic Planter with Natural Cocofiber Shielding for Healthier Plant Growth
10	USA	Choate Rosemary Hall, Wallingford, CT, USA	Phoonseeraah Tieworn	Crafting Freedom
11	Peru	SERVICIO NACIONAL DE ADIESTRAMIENTO EN TRABAJO INDUSTRIAL	Karen Esteincin Cuba Vargas Xavier Antonio Laos Laura VIDIS JACK CUTIPA ARAPA	Anti-seismic and anti-collapse protection system for hospital cribs
12	Iran	The First Institute Researchers and Inventors in I.R.IRAN (FIRI)	Seyederfan Arbabzadeh	Stuttering Analysis System for Children Using Facial and Physiological Signals with AI-Based Therapy

13	Korea	ZERONE INC.,	Dongdoo Park	Ultrasonic Frying Wand with Smart IoT Control
14	Thailand	Chulalongkorn University	Assistant Professor Dr.Pornpimol Sukavatee Professor Dr.Jintavee Khlaisang	Magic: English Gamified Quest in the Metaverse to empower real speaking and listening communication with motivation for EFL learners
15	Sri Lanka	Ananda College Colombo - 10	Walpitage Jithuka Mindiya Walpita	Nano Carbon and Nano ZnO Solar Ray Filter
16	Malaysia	China Construction Yangtze River(Malaysia) Sdn Bhd	Ye Xunan Jiang Xiangyang Ma Yikui Fu Hanghang Zhu ZhiJie	Key technologies for the construction of the first large-scale live stage performance center in Southeast Asia
17	Thailand	Ruamrudee International School	Jarapat Bulpakdi Titapa Khunsri Kamolluck Saivivat Nobnatee Sainak Janthakarn Bun-on	ThaiMeSync: A Romanized Thai Keyboard (BetterThai) for Inclusive Communication. Reconstructing Thai Script from Latin Character Inputs Using Phonetic Mapping and AI, with a Focus on Accessibility for People with Disabilities
18	Peru	INDECOPI	Luis José Silva Berrospi	Tannin Extraction Method by Ultrasound and Freeze-Drying from Tara Pods
19	China	Henan Normal University	Chunna LYU	Multi-disciplinary Functional Research and Industrial Application of <i>Akkermansia muciniphila</i> AKK PROBIO Strain
20	Peru	UNIVERSIDAD CONTINENTAL S.A.C.	Sliver Ivan, Del Carpio Ramirez Carlos Alberto, Coaquira Rojo	AUTOMATED EXCAVATOR MACHINE FOR FIGHTING FOREST FIRES BY DOUBLE RAKE AND GPS MONITORING
21	Thailand	Chulalongkorn University	Assoc. Prof. Natt Leelawat Dr. Jing Tang Isoon Chanchongkham Prarunchai Ruttanaprasert Teerawat Riensuwon	Building Fire Evacuation Strategy Improvement using Agent-Based Simulation
22	Saudi Arabia	Ministry of Health (MOH)	Faris Ahmed Kamin Alshammari Fawziah Essa Saad Alqahtani	System for triaging emergency patients by measuring vital signs and predicting the condition
23	Thailand	Chulalongkorn University Demonstration Secondary School	Kandit Kornmatitsuk Thanapong Petchsuk	ALSenses: An Adaptive Multi-Sensor Communication Device for Enhancing Autonomy in ALS Patients
24	Thailand	King Mongkut's Institute of Technology Ladkrabang International Demonstration School (KMIDS) / Bangkok Christian College	Charkrid Laoprapassorn Sippaphas Toviwat Wiritphol Prechatanasak Jeerasak Jitrotjanarak	SPECTRA
25	Thailand	Shrewsbury International School, Bangkok (Riverside), Thailand	Poomkarn Taedullayasatit	Actimus



26	Peru	UNIVERSIDAD CATÓLICA SANTO TORIBIO DE MOGROVEJO	Brayan Jair, Larrea Chonate	Automatic electric rice transplanter with geopositioning
27	Hong Kong, China	Advanced Biomedical Instrumentation Centre Limited	Kevin Tsia Kin Man Sam Ho Chi Kai Dickson Siu Man Dick	Deep Visual Immune Cell Profiling (Deep VICP)
28	Thailand	Ruamrudee International School, Bangkok, Thailand	Tarawin Kiatlertpongsa Weeranda Kiatlertpongsa	Sunpack
29	Taiwan	Shuyu Zhizao (Yunnan) E-commerce Co., Ltd	Liu Shuang	Collagen tripeptide flavored beverage
30	Saudi Arabia	Shaqra University	Danah Abdullah Alnoghaiter	AI-Driven Drone System for Smart, Efficient, and Sustainable Parking Management
31	Malaysia	Universiti Sains Malaysia	Ng Young Shung Zarul Fitri bin Zaaba	MyNutriApps
32	Malaysia	Universiti Teknologi PETRONAS & PETRONAS Carigali Sdn. Bhd.	Ir. Dr. Mohd Azuwan Maoinsar Dr. Nur Hidayah Szali Miss Sofyah Anis Izwani Jusof Mr. Muhammad Hazim Hamdan Mr. Tham Kah Meng	SEER: Sand Erosion Evaluation and Response System Using Machine Learning
33	Thailand	Chulalongkorn University Demonstration Secondary School	Nattarin Ouicharoen Phichphanita Mathasuriyapong Thunthita Padetpai	BLUE TANIQUE
34	USA	Webb Schools, Claremont, CA, USA / International School, Bangkok, Thailand	Phongphol Damrongrat Kornsiripatchara Damrongrat	Music without barriers
35	Thailand	Ruamrudee International School, Bangkok, Thailand	Sithsakorn Jantrakul	Wheelchair Lever Kit
36	Thailand	Ruamrudee International School	Pornprapat Jirapojaporn Napisa Laipanya Vichapol Prasattongosoth Jeerasak Jitrotjanarak	DeeDough
37	Thailand	King's College International School Bangkok	Boonyada Sangmanee Nichanun Subsompon Poramit Sangmanee Nattheera Subsomopon	Drip Drop Machine
38	Peru	UNIVERSIDAD PERUANA LOS ANDES	Amelia Celinda Chumpen Elera Dayana Rita Rios Romero Gabriel Elias Cardenas Arroyo Alejandro Ovidio Ochoa Aliaga Alex Albert Zuñiga Manrique	SLID ON OUTLET DEVICE

39	Thailand	Chulalongkorn University Demonstration Secondary School	Nattarin Ouicharoen Phichphanita Mathasuriyapong	Mag Neuro Care™
40	Thailand	Chulalongkorn University	Intira Phrompan Kanyarat Kwieciem Jiraporn Panomsuay Natnicha Maneephruak Pachara Wongchaiwan Chutipra Asavalertplakorn	Mandala Sculpting Activity Kit for Visually Impaired Children
41	Thailand	International School, Bangkok, Thailand	Sirinda Chalermthiralert	BeeFriend
42	Thailand	Patumwan Demonstration School, Srinakharinwirot University	Thitibhadee Lertthawonkit	Golden Relief – The Power of Herbal Oil
43	Thailand	Shrewsbury International School, Bangkok (Riverside), Thailand	Issara Chaisupat	MATCHA
44	China	LOOBI ( GUANGZHOU ) HEALTH INDUSTRY CO., LTD.	Li Yichun Shen Huazhong Li Yiye Zhang Ying	LOOBI REFRESHING PATCHES
45	Thailand	Prasarnmit Demonstration School, Bangkok, Thailand	Varanpat Chuaysuk	QuackTime
46	Saudi Arabia	King Faisal University	Dalal Mohammed Alshehri Co-inventor: Dalal Mohammed Akram Motabagani	AI-Powered Dash Cam for Crash Triage & Emergency Response
47	Thailand	Chulalongkorn University Demonstration Elementary School	Puncharat Jensuttiwetchakul Phiwasut Saengtrakul Chuck Leeyakars	Smart Adjustable Pill Box
48	Thailand	Chulalongkorn University Demonstration Secondary School	Thipok Tungsiripat Komed Nachaeng (Advisor) Anyaporn Boonmahitthisud (Advisor)	MacaShield: Fire-Safe, Eco-Friendly Electronic Cover Plate from Agricultural Waste
49	Thailand	NIST International School Shrewsbury International School	Titapa Simapichaicheth Celine Boonyanusasna	Elder-joy-xercise
50	Peru	UNIVERSIDAD PERUANA LOS ANDES	Lizet Doriela Mantari Mincami Edith Mariela Quispe Sanabria Lisette Paola Campos Carpena Yesser Soriano Quispe Hilario Romero Giron	INTELLIGENT GLOVES FOR LEARNING BRAILLE AND SIGN LANGUAGE

No.	Country/Region	Organization	Inventor(s)	Title of Invention
1	USA	Webb School of Knoxville	Marvin Hicke	Under-\$50 Smartphone-Based DIY Fluorometer for Detecting Micro- and Nanoplastics in Beverages
2	Thailand	Chulalongkorn University Demonstration Secondary School	Pabhada Asawakarn Punama Chulamokha Suchato Phimphitcha Aemnowachat Pariwat Thamma	Peel Power: Fruit Waste into Bioactive Extracts
3	Greece	The Athanassakis-Lavdarias Schools of English	George Lavdarias	The Athanassakis-Lavdarias New Translation System> A-L NTS
4	Peru	INDECOPI	Rafael Sadan Atencio Merlano	Spray recargable sin propelente (Refillable Spray Without Propellant)
5	Peru	UNIVERSIDAD SEÑOR DE SIPÁN S.A.C.	ORIANA RIVERA LOZADA DE BONILLA SHEYLLA LORZA HUAMAN PAOLO CAYETANO TERREL MIGUEL IPANAQUE ZAPATA	Natural Anti-Helicobacter pylori Syrup Based on Muña, Passion Fruit, and Garlic
6	Vietnam	Foreign Language Specialized School, CG Woodson Highschool, Hanoi-Amsterdam Highschool for gifted student, Lam Son High School	Nguyễn Minh Thư Nguyễn Trương Bảo Ngọc Lê Thị Minh Thư Nguyễn Đăng Quang	A System for Monitoring and Predicting the Quality and Productivity of Tropical Fruit Crops in Vietnam
7	Korea	Nowon Baek Orthopedic Clinic	Kim Min-yup	Advertising or Information Display Device with UV Imaging Function (UV Skin Insight Kiosk)
8	Thailand	Center of Excellence in Educational Invention and Innovation, Faculty of Education, Chulalongkorn University, Thailand	Associate Professor Dr.Prakob Koraneekij Professor Dr.Jintavee Khlaisang	Code Craft: A Design Thinking Coding Playground
9	Thailand	Chulalongkorn University	Assoc.Prof. Praweenya Suwannatthachote, Ph.D. Asst. Prof. Pornsook Tantrarungroj, Ph.D.	designCLASS: Intelligent Supervised Learning Design Platform
10	USA	Loomis Chaffee School, Windsor, CT, USA	Aim Wanglee	Touch Tales
11	Peru	UNIVERSIDAD SAN IGNACIO DE LOYOLA S.R.L.	July, Zegarra Choque Marco Aurelio, Intor Guevara	Water disinfection system using uvc, root irrigation and trellising
12	Brazil	CEEP Pedro Ribeiro Pessoa	Adson Adiel de Assis Bastos Erick Rafael Silva Santana Marcos Vinicius Rodrigues de Oliveira	Zentro.AI — The Core of Your Business Success

13	Poland	Student Research Group 'Materials in Medicine', Gdańsk University of Technology	Marcin Wekwejt, PhD Monika Wojtala, MSc Anna Ronowska, PhD Aleksandra Mielewczyk-Gryń, PhD Justyna Kozłowska, PhD	MgCarraGelCem: A regenerative injectable biocomposite bone cement combining magnesium phosphate and carrageenan hydrogel with enhanced handling properties
14	China	Quanzhou Huaguang Vocational College / Quanzhou Guirenniao Sports Goods Co., Ltd.	Jian Lin Siping Lin Lingyun Fan Juan Lin Shuqi Lin	Antimicrobial and Deodorizing Textile Materials Loaded with Active Microbial Communities
15	Thailand	Harrow International School, Bangkok, Thailand / Georgetown Preparatory School, USA	Thanaporn Pongphaew Rattakorn Gulrajani Jeerasak Jitrotjanarak	BioSync
16	Thailand	Chulalongkorn University Demonstration Secondary School	Patarapol Vanichvatana Thavinn Uttamoat Nisha Luangvaranunt Napat Luangvaranunt Jeerasak Jitrotjanarak	Khaenova – A Modern Evolution of Traditional Free Reed Instruments
17	USA	Loomis Chaffee School, Windsor, CT, USA	Claire Kietduriyakul	Location-based emergency help transmitter
18	Peru	UNIVERSIDAD PERUANA DE CIENCIAS APLICADAS S.A.C.	José Carlos Alvarez Merino Carlos Raymundo Ibañez	Device and Method for Evaluating Prostate Function Through Urinary Flow in an Intelligent Urinal
19	Peru	UNIVERSIDAD PERUANA LOS ANDES	Linda Flor Villa Ricapa Karol Lisset Quispe Gutierrez Edith Gavidia Gamboa Jenny Miriam Camarena Hilario André Guerrero Villanueva	A BALCONY LIFTABLE PLANT POT CONTAINMENT DEVICE FOR BALCONY POTS
20	Taiwan	Shuyu Zhizao (Yunnan) E-commerce Co., Ltd	Liu Shuang	Roselle Kanzan flower Beverage
21	Peru	UNIVERSIDAD CONTINENTAL S.A.C.	Jezzy James, Huaman Rojas Roger Fernando, Asto Bonifacio	SISTEMA AUTÓNOMO HÍBRIDO DE GENERACIÓN DE ENERGÍA SOLAR, EÓLICA E HIDRÁULICA PARA LA ALIMENTACIÓN DE SISTEMAS IOT EN ZONAS RURALES
22	Peru	UNIVERSIDAD NACIONAL DEL CENTRO DEL PERÚ	Becquer Frauberth, Camayo Lapa Miguel Angel, Quispe Solano Erika Amelia, De La Cruz Porta Roberto César, Asto Hinojosa Brecio Daniel, Lazo Baltazar	AUTOMATED DUAL DRYER OF AGRICULTURAL PRODUCTS



23	Thailand	Chulalongkorn University Demonstration Secondary School	Nattarin Ouicharoen Chomchan Sittikit Ploychompoo Thepthong	Merrygold Pets (Pets products with marigold extract)
24	Peru	UNIVERSIDAD PERUANA UNIÓN	Vanesa Amparo, Ayala Mariaca Joseph Mathias, Reyes Sacca Andres Ruiz Souza	MULTIFUNCTIONAL DISASSEMBLED SHELF
25	Cambodia	Department of Architecture and Urbanism, Norton University	Dr. So Sokuntheary Prof. Chuop Sopheak Mr. Heng Sokkosol Mr. Sreang Laysreng Mr. Oum Oudamratana Ms. Meas Sreymi	THE BAMBOO SCHOOL
26	Hong Kong, China	The Education University of Hong Kong	Prof Philip Leung-ho YU Mr XIE Zhiwei	Automatic Multi-modal Deep Learning Analysis System
27	Thailand	Wichai Wittaya School	MISS. LUANRUTHAI CHUARCHOMPOO	Anti-Sweat Hand Spray
28	Thailand	Bangkok Christian Collage, King Mongkut's Institute of Technology Ladkrabang International Demonstration School (KMIDS)	Wiritphol Prechatanasak Charkrid Laoprapassorn Sippaphas Toviwat Jeerasak Jitrotjanarak	FaceRehab: Face Activation and Coordination Enhancer: AI-powered facial motion detection system
29	Malaysia	UNIVERSITI SAINS MALAYSIA	MOHD MAHADI HALIM KEVIN OOI ZHENG	Violet Random Laser from Cost-Effective Zinc Oxide Nanorods
30	Hong Kong, China	Centre for Virology, Vaccinology and Therapeutics; The University of Hong Kong	Jie ZHOU Man Chun CHIU Cun LI Kwok Yung YUEN	Advanced human respiratory organoid culture system
31	Thailand	Brighton College Bangkok	Miss Pitchaya Sasibutra	Green Halo: An Upcycled Mobility Aid Enhancing Life for Blind Dogs
32	Hong Kong, China	The Education University of Hong Kong	Dr Fridolin TING Mr Sam LAM Dr Carter LAM Mr Roger WONG Mr Genius CHAN Mr Calvin TSUI	YoChatGPT!: Unleashing the Power of Collaborative AI
33	Thailand	NIST International School Thailand	Preyahathai (Homey) Aroonvanichporn	The SMART insole
34	Sudan	Port Sudan	Mohammed Mohammed Hussain	Marine Train
35	Thailand	Chulalongkorn University Demonstration Secondary School	Pluemkamon Thongkham Phattanun Ratanasangsathien	Kronoscope

36	Thailand	Chulalongkorn University Demonstration Secondary School	Phichphanita Mathasuriyapong Nattarin Ouicharoen Thunthita Padetpai Chomchan Sittikit Ploychompoo Thepthong	Herbal Extraction Machine Using NanoTechniques
37	Saudi Arabia	King Faisal University and Vision College	Dalal Mohammed Akram Motabagani Dalya Mohammed Akram Motabagani Abdulmalek Waleed Alhithlool	LacriTest – AI-Powered Tear Diagnostics
38	Thailand	Mater Dei School	Ms.Pingtham Boonyapabhat Ms.Ravipreeya Ratprasartporn Ms.Chayapa Ruktanonchai	Innovative Herbal-Loaded Microneedles: A Cutting-Edge Solution for Psoriasis Treatment
39	Malaysia	Universiti Sains Malaysia	Chu Jun Ong Associate Professor Ts. Dr. Chew XinYing	TravelEase – Intelligent Travel Planning Application
40	Peru	UNIVERSIDAD CONTINENTAL S.A.C.	Diego Ricardo, Cajachagua Guerreros Alem, Huayta Uribe Helder Alexis, Mayta Leon Sthuar Jimmy, Nuñez Ovalle	MULTIFUNCTIONAL TOOL WITH INTERCHANGEABLE HEADS FOR TAPPING APPLICATIONS BY MEANS OF A THREADED COUPLING SYSTEM
41	Hong Kong, China	King's College	LIU PEIKUN LIM YIN KWAN NATHANIEL CHIU WING HEI	Hydrogen Production via Chlorophyll-Sensitized Titanium Dioxide Core-Shell Nanoparticles Incorporating Hydrothermally Synthesized Uniform-Sized Superparamagnetic Iron(II, III) Oxide: Insights into the Honda-Fujishima Effect
42	Malaysia	SMK KOLOMBONG KOTA KINABALU	ANGELYN STEVE WELSON YAP SOON MING DBELLA HAZELLE DOMINIC CYRIL LEE XIN LEI Ts. IWANA IVY ABDULLAH (SUPERVISOR)	Landslide Detection Technology (LDTec)
43	Thailand	Biochemistry Unit, Department of Physiology, Faculty of Veterinary Science, Chulalongkorn University	Warapron Chotisawat Apinya Binsan Teerapong Yata Sariya Asawakarn Sirakarnt Dhitavat	An Innovative PhytoNano-MyoSpray: A Pain Relief Spray from Nanostructured Lipid Carriers carrying Herbal Extracts (AMFINE Spray)
44	Qatar	Qatar University (QU)	Sheikh Hamad Bin Fasiel Bin Saoud Al-Thani Ms. Ala Husam Subhi Alardah Mr. Mohammed Darwish Dr. Noora H. Al-Qahtani	Deploying IoT-Based Drones for Air Quality Assessment in Remote Agro-Industrial Zones
45	Thailand	Chulalongkorn University Demonstration Secondary School	Ploypin Rungrojchaipon Pawin Rungrojchaipon	BioNanofiber Air Shield

46	Indonesia	SMA Labschool Cibubur & Global Mandiri School	Daiyandra Jusuf Rakhmanto Yuziku Hafizh Pertama Muhammad Faruq Ramadhan Raihan Kenjiro Gardono Nabil Sabri Arraasyid Raihanna Azzahra Rizanul Annisa Devina Wijaya	Utilization of Anti Bacterial Pineapple (Ananas comosus) and Rose Petals (Rosa) for Shampoo
47	Thailand	Chulalongkorn University	Assoc. Prof. Supavadee Aramvith Ph.D. Assist. Prof. Tansiphorn Na Nan Ph.D. Adisa Sriwarasas Watchara Ruangsang Ph.D.	AI-based Cocoa Seed Quality Grading System
48	Peru	UNIVERSIDAD NACIONAL DEL CENTRO DEL PERÚ	David Elvis Condezo Hurtado José Eduardo Galarza Linares Bartolomé Saenz Loayza Joel Colonio Llacua Delgado Beltrán Sergio Joel Quispe Alanya Jholissa Flor	AUTOMATIC REWINDER FOR PRECISE WINDING OF ELECTRICAL CABLES
49	Thailand	Shrewsbury International School and Chulalongkorn University Demonstration Secondary School	Jirasita Tohtubtiang Chiratchaya Hemrungronj Jeerasak Jitrotjanarak Parinton Jangtawee	NanoNypa Shield
50	Thailand	Chulalongkorn University Demonstration Secondary School	Pabhangkorn Jaturaworaporn Nadcha Wasanapradit Jiraphat Lohavattanakul	Smart Patient Lifting Fabric that analyzes the risk of pressure ulcers



## CANADIAN SPECIAL AWARD

**International Invention Innovation Competition in Canada (iCAN)**



No.	Country/Region	Organization	Inventor(s)	Title of Invention
1	Iran	The First Institute Researchers and Inventors in I.R.IRAN (FIRI)	Dr. Davoud Beheshtizadeh	GEOBRIX: High-Performance Green Bricks with Thermal and Structural Innovation
2	Sweden	Nano Control AB	Dr. Adrian Jose Cabezas Morales	A new technology for effective clean air in commercial airline cabins
3	Taiwan	Fengjie Biomedical Co., Ltd.	TZU-HSIEN,YU CHIA-CHU,DAI HSU-WEI,TANG	100% COLLAGEN
4	Romania	A BETTER LIFE SOLUTIONS	Mircea MANOLESCU	iSentinel Road & Rail

5	Thailand	Ruamrudee International School / Thammasat University	Tarawin Kiatlertpongsa Napamane Kornthong	NEPPY: Organic Repellents for Infants and Kids made from Catnip: DHF Protection
6	Malaysia	INSTITUT AMINUDDIN BAKI CAWANGAN GENTING HIGHLANDS	DR. JAMELAA BIBI BT ABDULLAH DR. NOR AIZA BINTI ZAMZAM AMIN PUAN SITI KHADIJAH BINTI HJ ARIFFIN	I-SH-E
7	Philippines	UNIVERSITY OF SANTO TOMAS SENIOR HIGH SCHOOL	ANTONIO GABRIEL A. GOCO	Development and Evaluation of an Eco-Friendly Anti-Bacterial Smart Gauze with Colorimetric Infection Indicator from <i>Clitoria Ternatea</i> , <i>Psidium guajava</i> and <i>Citrus limon</i>
8	Malaysia	Asia Pacific University	Narendran Ramasenderan Krishna Ravinchandra Vinesh Thiruchelvam Andrew Ng Chee Wei	InteliSwarm Sentinel – An autonomous swarm multi domain inspection robotic platform for facility management and maintenance
9	Korea	Yongsan International School of Seoul	Jayden Moon	NeuroBridge: A Bioinspired Cognitive Interface Model Based on Comparative Neural and Genetic Insights from Humans, Chimpanzees, and Dogs
10	USA	Scarsdale High School	Minsung Hyun	PAX7Heal: A Gene Therapy-Based Innovation for Accelerating Muscle Wound Healing and Cellular Protection
11	Hong Kong, China	Lai King Catholic Secondary School	Liu Jinxi / Mak Kwan Ho / Tai Ho Nam	Listen for the life 2.0
12	New Zealand	Bumbusly	Dr. Pariya Tork	Nature's Armour; Dual Action - Real-Time Skin Cancer Detection with Anticancer Liquid Plaster from Natural Sources
13	Germany / Kuwait	N/A	KHALED ALSAHO MUHAMMAD HAGGAG	ShrinkSafe
14	Qatar	Qatar University Young Scientists Center	Hind Alshammari Maali Alshammari Ghala Alshammari Eng. Azza Abouhashem Dr. Mohammed Hassan	Remediation of the soil in Qatar to handle Harsh environments using sustainable biodegradable polymers
15	Malaysia	Sri KDU International School Klang	Ilakiyen Irraivan	Community-based Early Flood Alert System (CEFAS)
16	Romania	"Lucian Blaga" University of Sibiu	Aurel Mihail ȚÎȚU Daniel BĂLC Emanuel BĂLC Ștefan ȚÎȚU	Modular Mecanum Wheel Assembly Optimized for Traction on Sandy and Unstable Surfaces
17	Hong Kong, China	Hanlun Laboratory School	YEUNG Yau Yuen LEI Xiang	Hanlun agentic AI for enhancing e-learning of STEM subjects



18	Malaysia	Universiti Teknologi PETRONAS & PETRONAS Carigali Sdn. Bhd.	Ir. Dr. Mohd Azuwan Maoinser Dr. Nur Hidayah Sazali Miss Sofyah Anis Izwani Jusof Mr. Muhammad Hazim Hamdan Mr. Tham Kah Meng	SEER: Sand Erosion Evaluation and Response System Using Machine Learning
19	Thailand	Wichai Wittaya School	Miss Nanida Pramonthongphan Miss Adinda Telaga Putri Miss Phinrada Kasidisdolakul Miss Chonpicha Nutjureekit Mr. Freedan Basumatary	Development of a Biogel from Karaya Gum Mixed with Ground Shrimp Shells, Ground Crab Shells, and Coconut Husk Fibers to Enhance Moisture Retention and Promote Plant Growth in Arid Areas
20	Qatar	Qatar University (QU)	Ms. Amna Abdulfattah Deyab Osman Mr. Abdulnaser Maamon Rabie Ms. Ala Husam Subhi Alardah Ms. Marwa Anas Fadhil Alani Dr. Noora H. Al-Qahtani	Preserving Qatar's Heritage: Advanced Sustainable Solutions for Islamic Manuscript Conservation and Digital Empowerment
21	Malaysia	SJKT KANGKAR PULAI	DR. GOMATHY SANKARAN DARSSHAN A/L YOGESWARAN SAI SUDARSHAN MAITHREYI D/O GUNASEGARAN THIRUNESH KUTTY S/O THINESH	HYDRO NUTRI MAX TVET
22	Poland	High School No. 4 at School Complex No. 6 in honor of King John III Sobieski in Jastrzebie-Zdroj / Silesian University of Technology / Public Primary School of the Salesian Sisters in Jastrzebie-Zdroj	Emilia Szweda Maja Szweda Juliusz Szweda	Help! Save the Dog
23	Turkey	TED UNIVERSITY	Seyed Javad ROUDEHCHI TABRIZI Mrs. Samar GOLDOUZ	Portable Microplasma Unit for Oil Waste Recycling and Energy Recovery
24	Lebanon	National Association for Science and Research	Abbas Diab	ARIES – Autonomous Rescue and Intervention Emergency System
25	Peru	INDECOPI	Jenny Marianella, Soria Nina Daniel Augusto, Licetti Arena	ELECTRICAL POWER GENERATOR MODULE, DRIVEN BY WAVE MOTION, FOR PLATFORM OR DOCK.
26	Malaysia	UNIVERSITY MALAYSIA PAHANG AL-SULTAN ABDULLAH UMPSA	PROFESSOR DR. ABDURAHMAN HAMID NOUR DR. MUNA E. RAYPAH ASSOCIATE PROFESSOR DR. AZHARY HAMID NOUR ALI HASSAN ABDULRAHMAN AL-SAGGAF Dr. NORASYIKIN BINTI ISMAIL MOHD ARMAN BIN KADIR	Enhanced Pipeline Transport of Heavy Crude Oil via Emulsification Using a Novel Sunflower-Oil-Derived Surfactant

27	Thailand	Chiang Mai University Demonstration School	Ponpomkwan Chanhom Dhammawit Haemanwichian Nutatcha Yowcharoensuk Chayanan Manawongcharoen Phuwit Suwannatain Kamolnid Rochanasiri	ThermiZen Soothing Spray
28	Peru	UNIVERSIDAD SAN IGNACIO DE LOYOLA S.R.L.	Olga Gabriela, Castro Matos Carlos Fernando, Cardenas Agurto	Food transport and protection box with temperature stabilization and food temperature preservation
29	Hong Kong, China	SHUN TAK FRATERNAL ASSOCIATION YUNG YAU COLLEGE	CHAN Tsz You TAM Hong Ting LIN Wai Hei	BugBuster Bot – An Autonomous Robotic Platform for Household Arthropod Suppression via Modular Natural and Synthetic Biocidal Delivery
30	USA	Episcopal Highschool	Suhyule Kim	NeuroChill: A Cold Therapy-Based Innovation for Enhancing Brain Cell Integrity and Alleviating Depression
31	Poland	Cracow University of Technology & University of Lodz & Gdansk University of Technology	Dagmara Słota Karina Niziołek Julia Sadlik Edyta Kosińska Mateusz Urbaniak Marcin Wekwejt Kamila Lis Mateusz Dyląg Agnieszka Sobczak-Kupiec	3D Printing Granulate Supporting Bone Tissue Regeneration
32	Thailand	Maejo University	Asst. Prof. Dr. Chutima Kongjaroon Narathip Puangbuyai Janthakan Sittiwannarat Kantaphong Sakulchangsatjatai Nuttanich Chaikwaeng	Refined Refreshment: The Essence of Cold Brew Coffee
33	Peru	UNIVERSIDAD PRIVADA DEL NORTE S.A.C.	Ruth Aracelis Manzanares Grados Kelly Ivanna Curasi Anchayhua	Intelligent fish monitoring device for feeding and atypical behavior control
34	Malaysia	KOLEJ KEMAHIRAN TINGGI MARA PASIR MAS	Ts. ROHAYU BINTI DAUD NIK FATIN MAISARAH BINTI ZAKARIA MUHAMMAD EIZZ FITRI BIN BADRUL HISHAM MUHAMMAD HARIZ WAFI UDDIN BIN AMRAN ABDUL MUIZ BIN MUHAMMAD ZAMRI	FLOBA
35	Peru	INDECOPI	Roberto David Portocarrero Calle Roxani Keewong Zapata	EQUIPMENT FOR THE CRYSTALLISATION OF SUGAR CANE HONEY FOR THE PRODUCTION OF GRANULATED PANELA

36	Brunei	Halalan Thayyiban Research Centre, Sultan Sharif Ali Islamic University	Almas Munirah Abdul Ghani Syifa Ajilla Putri Takong Hana Samiihah Abd Aziz Nur Irdina Sarudin Ampuan Nurul Wa'izzah Ampuan Asmad Afrina Sahira Haji Awang Mekrat Aklimah Haji Mustapa Hamzah Mohd Salleh Siti Nur Idayu Haji Matusin	BlosLeather
37	Iran	The First Institute Researchers and Inventors in I.R.IRAN (FIRI)	Maryam Sadat Tahouri	Interchangeable Mechanical Covering Device for Dental Unit with Digital Counter and Suction Volume Regulator in Suction
38	Malaysia	Creative Advanced Machine Intelligence Research Centre, Universiti Malaysia Sabah, Malaysia, MAICoE	Professor Ts. Dr. Rayner Alfred Lee Ren Ting Dr. Raymond Alfred Mr. Lim Boon Seng Mr. Lim Chau Yang Ts. Dr. Rayner Pailus	<b>FIRESENSE 360™</b> : AI-Powered Smart Fire Alert and Verification Ecosystem for Zero-Downtime Emergency Response
39	Peru	UNIVERSIDAD NACIONAL DEL CENTRO DEL PERÚ	Luis Alberto Yarlequè Chocas Luis Gabriel Rueda Yarlequè Leda Javier Alva Edith Rocio Nuñez LLacuachaqui Roberto Cesar Asto Hinojosa	DIGITAL TACHISTOSCOPE FOR CONTROLLED VISUAL STIMULUS PRESENTATION
40	Korea	Korea Intentaional School Jeju / Saint Johnsbury Academy Jeju / Branksome Hall Asia	Jinmyung Kong / Yeongho Jeong / Wooji Jung / Yehji Jung	Gluten freedom pizza
41	Qatar	Qatar University Young Scientists Center	Amen Allah Benhassan Albaraa Ahmed Ali Al-Baker Yousef Hassan Shoaib Alam Mallick Rana Magdy Abdou	Innovative wheelchair for disabled basketball players
42	Peru	UNIVERSIDAD NACIONAL DE EDUCACIÓN ENRIQUE GUZMÁN Y VALLE	Magda Marianella Tazzo Tomas Isulina Luzmila Roque Rivera Guillermina Norberta Hinojo Jacinto Isabel Menacho Vargas Hellen Felicia Blancas Amaya Zara Graciela Pablo Ricra	Clothing for Students with Anxiety

43	Peru	UNIVERSIDAD PRIVADA DEL NORTE S.A.C.	Nathaly Naomi Tarazona Mallqui	Rescue leash with quick release, pressure control and articulated mechanism for pet restraint.
44	Greece	University of Ioannina	Prof. Dr. Vasileios Ag. Drougas MSc, PhD, Post Doc RF	The Drougas' Magnet-Ions Theory of Neuroconductivity (DMITN)
45	Turkey	TITU INTERNATIONAL UNIVERSITY	Prof. Dr. Mehrdad Fojlaley Dr. Abazar Karimi Panabandani Erfan Broumand	Realtime Artificial Intelligence Based Traffic Control System
46	Korea	ONUL BOX	Gwag Seong-gyeong	Hwanggeumchae Dasima-Chae (Pre-Sliced Dried Kelp for Instant Cooking Use)
47	Turkey	N/A	Maryam Raei dehaghi Samira Raei dehaghi	<b>Innovative methods for organ transplantation</b> <b>First method:</b> Organ transplantation from deceased individuals to patients in need <b>Second method:</b> The production of organs using genetic science and artificial intelligence
48	Malaysia	Universiti Teknologi PETRONAS	Tharshen A/L Subramaniam Assoc. Prof. Dr. Nasreen Badruddin Prof. Dr. Kalavathy Ramasamy	Machine Learning-Based Classification of Pre-Frailty in Older Adults Using Stool Microbiome Data
49	Malaysia	JUNGLE SCHOOL GOMBAK MALAYSIA, IUM JSI FLAGSHIP, AAD KAED, AND SEJAHTERA CENTRE	ASST PROF DR NORZALIFA ZAINAL ABIDIN KALAM PIE NURUL AINA SUHAILA MOHD NIZA NURUL DIANA SOFIYA MOHD NIZA NURUL HANA KHAIRINA MOHD NIZA	JUNGLE SCHOOL ADAPTIVE INDIGENOUS OA COMMUNITY-BASED TOURISM AS HOLISTIC MADANI SOCIETAL, SOCIOECONOMIC AND RESILIENT SOLUTION
50	Hong Kong, China	The Education University of Hong Kong	Prof Ken Kin-Lam Yung Prof Zhifeng Huang Dr Shiqing Zhang	Novel Biomaterials Used for Dendritic Cell Vaccine for Cancer Immunotherapy

– END OF CANADIAN SPECIAL AWARDS SELECTIONS –

– COMMITTEE & BEST INVENTION AWARDS SELECTIONS ON NEXT PAGE –





# JURY'S CHOICE AWARDS

## Selected by the Jury Committee of iCAN 2025



No.	Country/Region	Organization	Inventor(s)	Title of Invention
1	China	Thankcome Biological Science and Technology (Suzhou) Co., Ltd	Liu Yang	Multi-disciplinary Functional Research and Industrial Application of <i>Akkermansia muciniphila</i> AKK PROBIO Strain
2	Qatar	Qatar University (QU) / Al-Andalus Preparatory Secondary Private School for Boys	Dr. Mohamed A. Helally Mr. Khalid H. Labda Mr. Abdalla A. Alodat Mr. Mohammed Al-Hajri Ms. Ala Husam Subhi Alardah Ms. Amna Abdulfattah Deyab Osman Dr. Mostafa Hussein Sliem Dr. Noora H. Al-Qahtani	Advanced 3D polymeric sponges offer promising solutions for addressing environmental challenges in Qatar's marine ecosystems.
3	Poland	High School No. 4 at School Complex No. 6 in honor of King John III Sobieski in Jastrzebie-Zdroj / Silesian University of Technology / Public Primary School of the Salesian Sisters in Jastrzebie-Zdroj	Emilia Szweda Maja Szweda Juliusz Szweda	Help! Save the Dog
4	Thailand	Ruamrudee International School	Pornprapat Jirapojaporn / Napisa Laipanya / Vichapol Prasattongsoth / Jeerasak Jitrotjanarak	DeeDough
5	Peru	UNIVERSIDAD DE INGENIERÍA Y TECNOLOGÍA	Deyby Maycol, Huamanchahua Canchanya	Automatic, portable, and modular n DoF upper limb exoskeleton for patients in physical recovery from muscle weakness caused by COVID-19.
6	Hong Kong, China / Vietnam	City University of Hong Kong / City University of Hong Kong Shenzhen Research Institute / Apply 2D Co. Ltd. / The Hong Kong Polytechnic University	Ly Thuc Hue Huang Lingli Zhao Jiong Chen Honglin	Engineering Surface Wrinkles to Modulate Electrical and Optical Properties for Nanodevices
7	Peru	UNIVERSIDAD PRIVADA DEL NORTE S.A.C.	Jazmín Sabrina, Jiménez Gutiérrez Miriam Vanesa, Pablo Mori Fiorella Celeste, Ramos Dueñas Núñez Del Prado, Alarcón Robert López Lucana, Fredy Reynaldo	Multifunctional school desk with drop-down table, adjustable magnetic whiteboard, integrated storage and inclusive accessibility.
8	Hong Kong	City University of Hong Kong / City University of Hong Kong Shenzhen Research Institute / The Hong Kong Polytechnic University / Apply 2D Co. Ltd. / Clean 2D Co. Ltd.	Ly Thuc Hue Liu Haijun Thi Quoc Huy Zhao Jiong	Ice-assisted transfer & cleaning technique for semiconductors and electronic devices
9	Malaysia	Universiti Teknologi PETRONAS (UTP)	Maisarah Rafiq Binti Faisal Rafiq Dr Norashikin Binti Yahya	CLASSIFICATION OF ALCOHOL USE DISORDER EEG SIGNALS USING WAVELET-BASED FRACTAL ANALYSIS
10	Germany / Kuwait	N/A	KHALED ALSAHO MUHAMMAD HAGGAG	ShrinkSafe



# ORGANIZER'S CHOICE AWARDS

## Selected by the Organizing Committee of iCAN 2025



No.	Country/Region	Organization	Inventor(s)	Title of Invention
1	Taiwan	TCI Co. Ltd.	Yung-Hsiang Lin	<i>Lactiplantibacillus plantarum</i> TCI837
2	Peru	UNIVERSIDAD CONTINENTAL S.A.C.	Josmell Baruc Cabrera Loayza	PROCEDURE FOR THE PRODUCTION OF MULTIVITAMIN GUMMIES WITH HIGH IRON CONTENT BASED ON WHEAT SPROUT EXTRACT FOR THE PREVENTION OF ANEMIA IN VULNERABLE POPULATIONS
3	Hong Kong, China	The Education University of Hong Kong	Dr Fu Hong Mr He Ziyu Mr Li Xiao Miss Wang Yanyue Prof Chow Hung Kay Dr Ling Man Ho	Dynamic SyncAnUp: Eye-Body Coordination Capture for Elite Sports Performance
4	Hong Kong, China / Vietnam	City University of Hong Kong / City University of Hong Kong Shenzhen Research Institute / The Hong Kong Polytechnic University / Institute of Advanced Technology, Vietnam Academy of Science and Technology / Apply 2D Co. Ltd. / Clean 2D Co. Ltd.	Ly Thuc Hue Thi Quoc Huy Huang Lingli Zhao Jiong	Scalable smoothing and cleaning for 2D-based devices
5	Thailand	Harrow International School, Bangkok, Thailand / Georgetown Preparatory School, USA	Thanaporn Pongphaew Rattakorn Gulrajani Jeerasak Jitrotjanarak	BioSync
6	Hong Kong, China	The University of Hong Kong	Victor Ho-Fun LEE Kam Man TAM Chi Ang Nelson TO	Development of a Safe and Effective Platform for Administration of Lutetium177-DOTATOC Peptide Receptor Radionuclide Therapy for Neuroendocrine Tumours or Other Tumours Highly Expressing Somatostatin Receptors
7	Peru	UNIVERSIDAD PERUANA LOS ANDES	Karina Rosario Olivera Bordaes Maricielo Lucia Lazaro Mayta Frank Caleb Mercado Granados Carmen Lily Winchez Aylas Jhomel Juvencio Huaman Molina	FULL COVERAGE SUNSHADE WITH INTERCOM AND ENERGY AUTONOMY
8	Peru	UNIVERSIDAD PRIVADA DEL NORTE S.A.C.	Nathaly Naomi Tarazona Mallqui	Rescue leash with quick release, pressure control and articulated mechanism for pet restraint.
9	Poland	Wrocław University of Science and Technology; Faculty of Chemistry, Poland	Małgorzata Policht Joanna Feder-Kubis Lucyna Balcerzak Daniel Strub	Protic ionic systems supporting nanoparticles stability and bioactivity as a brilliant solution for bio(nano)technology
10	Thailand	RUAMRUDEE INTERNATIONAL SCHOOL / BANGKOK PATANA SCHOOL	Mr. SITHSAKORN JANTRAKUL Mr. CHAIYANAT KUPTIVEJ	RICESENSE/ FUTURE OF GOOD LIFE PROJECT



# BEST INVENTION DESIGN AWARDS

## Selection of the Best Designed Works in iCAN 2025



No.	Country/Region	Organization	Inventor(s)	Title of Invention
1	Saudi Arabia	Imam Abdulrahman Bin Faisal University	Moaaz Abdulrazack Amir Baraa Abdulrazack Amir Amaar Abdulrazack Amir	Automatic Mid-Stream Urine Collection Device
2	Canada	BEAMSVILLE 1830 RESEARCH DEVELOPMENT LTD.	Zhenkun Zack Wang	"GlidePack Pro" (A smart all-in-one backpack for storage, mobility, and weather adaptability)
3	Romania	"Lucian Blaga" University of Sibiu	Aurel Mihail ȚÎȚU Daniel BÂLC Emanuel BÂLC Ștefan ȚÎȚU	Modular Mecanum Wheel Assembly Optimized for Traction on Sandy and Unstable Surfaces
4	Morocco	N/A	Mehdi CHAOUI	CHAOUI-BLOCK : Self-supporting keystones, formwork, and bending for the construction of vaults and domes with interlocking from the extrados.
5	Thailand	Chulalongkorn University Demonstration Secondary School	Patarapol Vanichvatana Thavinn Uttamoat Nisha Luangvaranunt Napat Luangvaranunt Jeerasak Jitrotjanarak	Khaenova – A Modern Evolution of Traditional Free Reed Instruments
6	Peru	INDECOPI	Carlos Alberto Farje Gallardo Julio David Sagástegui Jáuregui Loyda Luz Guevara Castañeda	GUM MASSAGE DEVICE
7	Hong Kong, China	King's College	LIU PEIKUN LIM YIN KWAN NATHANIEL CHIU WING HEI	Hydrogen Production via Chlorophyll-Sensitized Titanium Dioxide Core-Shell Nanoparticles Incorporating Hydrothermally Synthesized Uniform-Sized Superparamagnetic Iron(II, III) Oxide: Insights into the Honda-Fujishima Effect
8	Peru	UNIVERSIDAD CONTINENTAL S.A.C.	Jezy James, Huaman Rojas Roger Fernando, Asto Bonifacio	SISTEMA ROBÓTICO ASISTIVO PARA LA INTERACCIÓN Y MONITOREO DE SEGURIDAD EN NIÑOS CON TRASTORNO DEL ESPECTRO AUTISTA
9	Peru	PONTIFICIA UNIVERSIDAD CATÓLICA DEL PERÚ	Consuelo Corazón Cano Gallardo	Bird kettle
10	Thailand	Bangkok Patana School	Miss Peeraya Kulyadul Miss Napa-ai Suriyabhivadh Miss Proudpalin Suriyabhivadh	SHINE BEYOND THE SHADOW: Inclusive 3D Tactile Board Game for the Visually Impaired



# BEST INVENTION VIDEO AWARDS

## Selection of the Best Video Presentations in iCAN 2025



No.	Country/Region	Organization	Inventor(s)	Title of Invention
1	Philippines	HOLY INFANT ACADEMY OF CALAPAM	Matteo Raphael A. Goco / Miguel Jared V. Cheng / Rojan Jacob A. Dela Cruz	SPOTLIGHT – Smart Platform for Optimized Tracking and Lighting Innovation
2	Indonesia	SMAN 5 Surabaya	Raihana Leisela Purnomo / Bhimasena Arsa Narendra / Dyah Almira Karina Pusparini / Tsabitah Nabilah Antory / Firdaus Arsyvano Akbar / Christian Dirga Rama Putra / Amadeus Darnell Santoso	KLEPON SAPI ( <i>Klerak</i> Soap with Natural Ingredients)
3	Thailand	Center of Excellence in Educational Invention and Innovation, Faculty of Education, Chulalongkorn University, Thailand	Associate Professor Dr.Prakob Koraneekij Professor Dr.Jintavee Khlaisang	Code Craft: A Design Thinking Coding Playground
4	Peru	INDECOPI	Jenny Marianella, Soria Nina Daniel Augusto, Licetti Arena	ALKALINE ELECTROLYZER MODLE FOR OBTAINING GREEN HYDROGEN FROM SEAWATER
5	Malaysia	KOLEJ KEMAHIRAN TINGGI MARA PASIR MAS	Ts. ROHAYU BINTI DAUD NIK FATIN MAISARAH BINTI ZAKARIA MUHAMMAD EIZZ FITRI BIN BADRUL HISHAM MUHAMMAD HARIZ WAFIUDDIN BIN AMRAN ABDUL MUIZ BIN MUHAMMAD ZAMRI	FLOBA
6	Hong Kong, China	The Education University of Hong Kong	Prof Rudolf WU Shiu-sun Dr Yi YANG Dr Keng-Po LAI Prof Alice WONG Sze-Tsai Dr Run-Sheng Li	Nanopore sensing for rapid screening Epigenetic Disruptors in food, health care products, consumer goods and environmental matrices
7	Malaysia	JUNGLE SCHOOL GOMBAK MALAYSIA, IIUM JSI FLAGSHIP, AAD KAED, AND SEJAHTERA CENTRE	ASST PROF DR NORZALIFA ZAINAL ABIDIN KALAM PIE NURUL AINA SUHAILA MOHD NIZA NURUL DIANA SOFIYA MOHD NIZA NURUL HANA KHAIRINA MOHD NIZA	JUNGLE SCHOOL ADAPTIVE INDIGENOUS OA COMMUNITY- BASED TOURISM AS HOLISTIC MADANI SOCIETAL, SOCIOECONOMIC AND RESILIENT SOLUTION
8	Peru	UNIVERSIDAD PRIVADA DEL NORTE S.A.C.	Ruth Aracelis Manzanares Grados Kelly Ivanna Curasi Anchayhua	Portable hazardous gas detection device in work environments with visual alert
9	Malaysia	INSTITUTE OF TEACHER EDUCATION SARAWAK CAMPUS, MIRI, SARAWAK, MALAYSIA	HU LAEY NEE NORSARIHAN AHMAD VUN XIU XUAN LAI CHAUN CHOY ALVIN KONG WEI EE TONY LOH LI JIN LING JUN HAO	Robots-enhanced Operation for Brilliant Opportunity in Teaching Success 3.0 ( <b>R.O.B.O.T.S3.0</b> )
10	Thailand	Brighton College Bangkok	Miss Pitchaya Sasibutra	Green Halo: An Upcycled Mobility Aid Enhancing Life for Blind Dogs





# BEST WOMAN INVENTOR AWARDS

## Selection of the Best Women Inventors in iCAN 2025



No.	Country / Region	Organization	Inventor(s)	Title of Invention
1	New Zealand	Bumbusly	Dr. Pariya Tork	Nature's Armour; Dual Action - Real-Time Skin Cancer Detection with Anticancer Liquid Plaster from Natural Sources
2	Georgia	Inventors Club of Georgia	Nazi Kopaleishvili	Kopal Hand
3	USA	Loomis Chaffee School, Windsor, CT, USA	Aim Wanglee	Touch Tales
4	Tajikistan	Avicenna Tajik State Medical University	Madina Karieva Zarifovna	Device for congenital hip dislocation treatment
5	Sri Lanka	Sirimavo Bandaranaike School, Colombo 07, Sri Lanka	G.G.Sugame Lavanya Abeysiri Gunawardena	Automated Rain, Wind and Snow Protective Device
6	USA	The University of Arizona	Sara Sheikhlary	CRISPlasma Kit: An Innovative Tool for Precision Gene Editing
7	Thailand	Wichai Wittaya School	MISS. LUANRUTHAI CHUARCHOMPOO	Anti-Sweat Hand Spray
8	Saudi Arabia	King Faisal University	Dalal Mohammed Akram Motabagani	Smart Ear Endoscope with Remote Augmented Reality
9	USA	The Hotchkiss School	Yobin Kim	MetaTrack: A Transwell-RNAseq Platform for Identifying Metastatic Cancer Cell Signatures and Therapeutic Targets
10	Peru	SERVICIO NACIONAL DE ADIESTRAMIENTO EN TRABAJO INDUSTRIAL	Karen Esteincin Cuba Vargas	Safety device with ultrasonic detection for the entrance of juicer machines



# BEST YOUNG INVENTOR AWARDS

## Selection of the Best Young Inventors in iCAN 2025



No.	Country/Region	Organization	Inventor(s)	Title of Invention
1	USA	Webb School of Knoxville	Marvin Hicke	Under-\$50 Smartphone-Based DIY Fluorometer for Detecting Micro- and Nanoplastics in Beverages
2	Azerbaijan	International School of Azerbaijan (TISA)	Timur Mustafazade Murad Maharram	SMARTSHIELD for wheat seeds: advanced biochar-chitosan seed coating for soil & crop improvement
3	Malaysia	Sri KDU International School Klang	Ilakiyen Irraivan	Community-based Early Flood Alert System (CEFAS)
4	Thailand	Prasarnmit Demonstration School, Bangkok, Thailand	Varanpat Chuaysuk	QuackTime
5	Indonesia	Labschool Cibubur Senior Highschool	Arrafi Diemaz Syathiri Farras Mahardika Arfarizqy Syahlah Verlita Putri Ariawan Lunetta Azzah Chusnia Sarda Athallah Raditya Fachlevi Rania Nisrina Huda Palgunadi Nuhanajha Faiz Firdaus	ComeThru (Combination of Tire Rubber, Glass, and Bamboo Waste Making a Nature-friendly Porous Asphalt)
6	Vietnam	Nguyen Sieu High School / Gia Dinh High School / HUS High School for Gifted Students / FPT High School	Minh Khoi Luu Duc Anh Tran Trong Hoang Quan Nhat Quang Nguyen	ROMATE – Smart Turning Pillows for Paralyzed Patient Support
7	Hong Kong, China	Diocesan Girls' School	Zhang Tsz Ki / Dai Zheng / Cheng Anson	VBesties
8	Thailand	Montfort College Secondary School	Thanida Maneesri Sajitha Thapniwat Rattasart Chaisuwan Pawarisa Chanthatham Thananchanok Wongkhun	Development of Bioplastic from Orange and Lime Peels
9	Thailand	Chulalongkorn University Demonstration Secondary School	Phichphanita Mathasuriyapong Nattarin Ouicharoen Thunthita Padetpai Chomchan Sittikit Ploychompoo Thepthong	Herbal Extraction Machine Using NanoTechniques
10	Thailand	Chiang Mai International School, Dara Academy, Srinakharinwirot University	Panut Nakarakornkul Peeraya Jeethanawanit Phandaree Temtanaruk Yanisa Pitchakham Phatcharida Inthama	AquaSustain: Smart Swine Water Recovery



# TOP 20 BEST INVENTION AWARDS

## Overall Selection of the Top 20 Best Inventions in iCAN 2025



No.	Country/Region	Organization	Inventor(s)	Title of Invention
1	Hong Kong, China	Advanced Biomedical Instrumentation Centre Limited	Ruotong Zhang Zheqi Chen Anderson Ho Cheung Shum	Electret-induced polarization on droplet: a general liquid handling module for digital microfluidics (US Non-provisional Patent Application No: 18/910,845 and Chinese Non-provisional Patent Application No: 202411620634.7)
2	Canada	Koopeh Designs Inc.	Evan (Ewhan) Ruzыcky	jRoid – Grindarolla Grind/Roll Technology
3	Philippines	UNIVERSITY OF SANTO TOMAS SENIOR HIGH SCHOOL	ANTONIO GABRIEL A. GOCO	Development and Evaluation of an Eco-Friendly Anti-Bacterial Smart Gauze with Colorimetric Infection Indicator from <i>Clitoria Ternatea</i> , <i>Psidium guajava</i> and <i>Citrus limon</i>
4	Taiwan	Taiwan Math/Science Circle (TWMC)	Chen, Hsuan-Mu Angelina Huang Yu, Yu-Hsiang Chu, Ting-Yi	Ener Trek
5	Hong Kong, China	The Education University of Hong Kong	Prof Ken Kin-Lam Yung Prof Zhifeng Huang Dr Shiqing Zhang	Novel Biomaterials Used for Dendritic Cell Vaccine for Cancer Immunotherapy
6	Peru	UNIVERSIDAD NACIONAL DEL CENTRO DEL PERÚ	LAZO BALTAZAR, Brecio Daniel CALDERÓN FLORES, Vilma Rosario SANDOVAL SERVA, Bladimir MENDOZA CASAS, Norma Mayela CAMAYO LAPA, Becquer Frauberth OCHOA SOSA, Salome	PYROLYSIS SYSTEM WITH ELLIPTICAL HEAT CIRCULATION FOR OBTAINING FUEL FROM PLASTIC WASTE
7	Peru	INDECOPI	Francisco, Hoffmann Quiñones	REMOTE-CONTROLLED INTEGRATED MOBILE EQUIPMENT FOR TRANSPORTING DISABLED PATIENTS
8	Sri Lanka	Sri Lanka Inventors Commission	Mohamed Firdhous Rasheed	Project-0 Floating Valve / Directional Control Floating Valve
9	Malaysia	Creative Advanced Machine Intelligence Research Centre, Universiti Malaysia Sabah, Malaysia	Ts. Dr. Rayner @ Henry Pailus Professor Ts. Dr. Rayner Alfred	<b>MADBOOST AI AQUA:</b> MADBOOST's AI Fresh and Sea Water Aquaculture Fish Disease Detection, Classification and Contamination Management.
10	Malaysia	SJKT KANGKAR PULAI	DR. GOMATHY SANKARAN DARSSHAN A/L YOGESWARAN SAI SUDARSHAN MAITHREYI D/O GUNASEGARAN THIRUNESH KUTTY S/O THINESH	HYDRO NUTRI MAX TVET



# TOP 10 BEST INVENTION AWARDS

## Overall Selection of the Top 10 Best Inventions in iCAN 2025



No.	Country/Region	Organization	Inventor(s)	Title of Invention
1	New Zealand	SPEL New Zealand Limited	Dr Yang Fong (Richard)	SPEL SP-38 - Antimicrobial and Antiseptics For Vagina Care (HPV Support)
2	Serbia	Veljko Milkovic Research and Development Center	Veljko Milkovic	Two-Stage Mechanical Oscillator – A Mechanical Amplifier of Clean Energy
3	Canada	The O.C. Channel	Marc Cormier	The O.C. Channel relief Insole / Auxiliary or integrated inner sole structure for footwear
4	Hong Kong, China	Advanced Biomedical Instrumentation Centre	William Whitehouse / Lin Wang / Louisa Lo / Julian Tanner	Electrochemical Biosensor for Rapid and Real-Time Detection of Key Inflammatory and Stress Markers
5	Peru	UNIVERSIDAD NACIONAL DEL CENTRO DEL PERÚ	David Elvis Condezo Hurtado José Eduardo Galarza Linares Bartolomé Saenz Loayza Becquer Frauberth Camayo Lapa Brecio Daniel Lazo Baltazar Roberto Asto Hinojosa	MODULAR ROBOT WITH DRIVE-OVER TRANSMISSION LINES FOR INSPECTION AND PREVENTIVE MAINTENANCE
6	China	Changsha Changjun Foreign Language Experimental Middle School / Changsha Zhongya Peicui School / Changsha Zhounan Meixihu Middle School	Yulin Chen Xiaoqian Ma Yikang Zhou	Nano-Board Controlled Freshness Alert Cabinet for Perishable Items
7	Malaysia	UNIVERSITY MALAYSIA PAHANG AL-SULTAN ABDULLAH UMPSA	Professor Dr. Abdurahman Hamid Nour Dr. Muna E. Raypah Associate Professor Dr. Azhary Hamid Nour Ali Hassan Abdulrahman Al-Saggaf Dr. Norasyikin Binti Ismail Mohd Arman Bin Kadir	Enhanced Pipeline Transport of Heavy Crude Oil via Emulsification Using a Novel Sunflower-Oil-Derived Surfactant
8	Malaysia	China Construction Yangtze River(Malaysia) Sdn Bhd	Ye Xunan- main Jiang Xiangyang Ma Yikui Fu Hanghang Wang Ran	Comprehensive Low-Carbon Smart Construction Technology for the Continuous Multi-Curved Roof System of a Terminal Building Integrated with Khmer Culture
9	Malaysia	Asia Pacific University	Narendran Ramasenderan Krishna Ravinchandra Vinesh Thiruchelvam Rumi Iqbal Sufi	MediGuard AI Rover Autonomous Healthcare Security & Emergency Response System
10	Thailand	Brighton College Bangkok	Miss Pitchaya Sasibutra	Green Halo: An Upcycled Mobility Aid Enhancing Life for Blind Dogs

– END OF COMMITTEE & BEST INVENTION AWARDS SELECTIONS –

– TOP AWARDS SELECTIONS ON NEXT PAGE –





# SEMI-GRAND PRIZE WINNER

SELECTION OF THE 2<sup>ND</sup> HIGHEST HONOUR IN iCAN 2025



**nano@ontrol**

**Dr. Adrian Jose Cabezas Morales**  
*Nano Control AB & Stockholm Innovators Association*  
from Sweden



**“A new technology for effective clean air in commercial airline cabins”**



# THE GRAND PRIZE WINNER

SELECTION OF THE 1<sup>ST</sup> HIGHEST HONOUR IN iCAN 2025



**Corina Man Ngo CHENG and Siu Tung LUI**  
*Simply Mask Ltd*  
from Hong Kong, China



**“PureSTEPS Multi-Type Disinfection Shoe Sole Material with Integrated Antimicrobial Function for Pandemic Prevention”**



*“Congratulations!”*



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