

2nd RAVTE SIA - 07062023**Undergraduate****Gold Award**

Paper ID	Title	Name	University	Award
RA-U018	Design and control a robot serving the library	1. Dang Xuan Ba 2. Huynh Trung Hieu 3. Ho Khai Minh 4. Le Anh Huy 5. Ly Dac Vinh 6. Truong Quang Truong	Ho Chi Minh City University of Technology and Education	Gold Award

Silver Award

Paper ID	Title	Name	University	Award
RA-U010	Smart Rim Opener	1. Nur Alia Addin Bt Mohd Mazli 2. Asni Umaira Bt Aliyasak 3. Aina Syahirah Bt Zamri	Kolej Vokasional Sungai Petani 1	Silver Award
RA-U041	CEMPEDAK SEED PATTY	1. Puteri Nurul Farhana Binti Najmi 2. Sheranjit Kaur A/P Daljit Singh 3. Azrul Iman Bin Romli 4. Nur Syazwina Adilin Binti Saiffuzzaman	Politeknik METrO Kuala Lumpur	Silver Award
RA-U039	RUBBER SEEDS MACARON	1. Muhammad Firdaus Bin Abu Hasan 2. Syed Hafizuddin Bin Syed Mustaffa 3. Wala Qistina Akhtar Binti Rapi 4. Ain Munirah Binti Zul Affanddi	Institut Kemahiran Belia Negara	Silver Award
RA-U060	Triple's ASA Interactive E-Book as a Creative Solution for Wellbeing Problems in Adolescents	1. Dhia Wardah Azizah 2. Khoirun Nisa 3. Hilwa Husnia Zahrani 4. Phylardini Haryanto	Universitas Pendidikan Indonesia	Silver Award

Bronze Award

Paper ID	Title	Name	University	Award
RA-U070	SIMADU: Integrated Application to Support Student Activities in University	<ol style="list-style-type: none"> 1. Abdullah Hudan 2. Abang Charil Ralfi Permana 3. Fauzan Firdaus 4. Muhammad Faishal Afiq 	Universitas Pendidikan Indonesia	Bronze Award
RA-U061	THE APE CENTRE	<ol style="list-style-type: none"> 1. Fanadatamara binti Arif 2. Amera Syamimi binti Mohd Tarmizi 3. Nur Izzati Nabila Izzah binti Mohd Sani 4. Alinawate binti Ali 	Politeknik METrO Kuala Lumpur	Bronze Award
RA-U068	Web Development of Learning Resources for Construction Technology Program at Kolej Vokasional	<ol style="list-style-type: none"> 1. Nuruljannah Abd Wahab 2. Dayana Farzeeha Ali 	Universiti Teknologi Malaysia	Bronze Award
RA-U073	Kawancara: Interview Training EduTech Platform with 1-on-1 Mentoring System to Prepare the Golden Generation of Indonesia in 2045	<ol style="list-style-type: none"> 1. Jairus Asher Purdy 2. Miftachul Jannah 3. Eva Oktina Harini 4. Silvia Larasatul Masyitoh 	Universitas Negeri Yogyakarta	Bronze Award
RA-U074	Stark (Smart Training Kit) Based on Internet of Things as a Physical Fitness Monitoring for Volleyball Athletes	<ol style="list-style-type: none"> 1. Tri Rejeki Andani 2. Renno Bagas Syahputra 3. Ahmad Fahmi 4. Andriansyah Rossi 	Universitas Negeri Surabaya	Bronze Award
RA-U076	The AuRoBot's (The Autism of Robot Therapy) Design Based on Internet of Things as one of the Early Intervention Methods for Children with Pervasive Developmental Disorders	<ol style="list-style-type: none"> 1. M. Axel Radityoadji 2. Vincentius Septian Dwi Saputra 3. Ahmad Fahmi 4. Renno Bagas Syahputra 	Universitas Negeri Surabaya	Bronze Award
RA-U072	Pick And Place Industrial Pneumatic Trainer For Educational Purpose	<ol style="list-style-type: none"> 1. Tesya Permadi 2. Hasna Khoerunissa Susilo 3. Muhammad Farhan Nurpratama 4. Resa Pramudita 	Education University of Indonesia	Bronze Award

RA-U014	Insulator Detection in Intelligent Monitoring Based on Yolo Family and Customizing Hyperparameters	1. Hoang-Phuoc-Toan Van	Ho Chi Minh City University of Technology and Education	Bronze Award
RA-U038	The ferrous guardian of the hills—intelligent protection structure	1. Dong Ye 2. Chen Meng 3. Zhao Yana 4. Zhang Lili 5. Wen Tingbin	Sichuan University of Science & Engineering	Bronze Award
RA-U042	Smart Farming Poultry System Based IoT	1. Muhammad Azhar Robbani 2. Muhammad Zahran Ramada Rahman	Education University of Indonesia	Bronze Award

Special Award: Best Idea

Paper ID	Title	Name	University	Award
RA-U054	Virtual Reality Gaming Applications Installed with Mobile Devices to Improve Body Responsiveness and Movement Performance for Parkinson's Disease Patients "The Guardian of Watcharapri"	1. Dhonlawat Sangpu 2. Badin Nalsawang 3. Pornchai Notsor 4. Sira Prasertsak 5. Suwapat Khamtawee	Phetchaburi Vocational College	Special Award: Best Idea
RA-U066	Eco Friendly Recycle Bricks	1. Syed Iqbal Jefri bin Syed Othman 2. Nur Alia Safiah binti Mohd Rafizam 3. Muhammad Syarifuddin bin Md Mazli 4. Ajlaa Anis binti Azmi 5. Siti `Amirah binti Basirun	Kulim Vocational Collage	Special Award: Best Idea

RA-U033	Easy Carry Bakeware	<ol style="list-style-type: none"> 1. Nurkhairul Ikhwan Bin Amran 2. Nur Munirah Bt Awang 3. Nur Maizatul Izzati Binti Bakar@Mohd Nor 4. Wan Nornisrina Nazihah Binti Wan Ngah 5. Nurain Syuhada Binti Abdul Razak 	Institut Kemahiran Belia Negara (IKBN) Kemasik	Special Award: Best Idea
RA-U047	Innovative neosome gel cream that nourishes the skin to reduce rashes from Coccinia grandis extract	<ol style="list-style-type: none"> 1. Patharawadee Saengted 2. Korawinwich Boonpisuttinant 	Rajamangala University of Technology Thanyaburi	Special Award: Best Idea

Special Award: Best Quality

Paper ID	Title	Name	University	Award
RA-U050	Mash powder from butterfly pea flowers	1. Pinmanus Supachaipingo	Rajamangala University of Technology Thanyaburi	Special Award: Best Quality
RA-U035	Analysis of Photovoltaic-Thermal (PVT) System's Efficiency Using Hexagonal Boron Nitride (hBN) Coolant Nanofluid with Surfactant Variations: An Experimental Study	<ol style="list-style-type: none"> 1. Ilham Akbar Habibi 2. Mohammad Akbar Hafidz Firmansyah 3. Baihaqie Danuputra Sudrajat 4. Desvandiari Nauvaldo Anasta 5. Avita Ayu Permanasari 	Universitas Negeri Malang	Special Award: Best Quality
RA-U027	Design and Manufacture AUDIS (Autonomous Underwater Drone of Indonesia System) as a Supporting Facility in Maintaining Maritime Affairs for the Defense Industry	<ol style="list-style-type: none"> 1. Vincentius Septian Dwi Saputra 2. M. Axel Radityoadji 3. Ahmad Fahmi 4. Salsabila Romadona 	Universitas Negeri Surabaya	Special Award: Best Quality

Special Award: Best Design

Paper ID	Title	Name	University	Award
RA-U053	Ointment innovation from Bajakah Tampala (<i>Spatholobus littoralis</i> Hassk.) a typical Borneo plant as an antimicrobial and antibiofilm of <i>Staphylococcus aureus</i> causing diabetic ulcer infection	1.Hasyrul Hamzah, S.Farm 2. Virgiawan Yoga Pratama 3. Agnes Novita Rante Malino 4. Nila Fajrianti 5. Rivdyanto Nugrahtiar Adhi	Universitas Muhammadiyah Kalimantan Timur	Special Award: Best Design
RA-U077	Cargo Paw:Smart Pet Carrier Integrated with Internet of Things	1. Muhammad Manifold Baiquni 2. Diah Ayu Handini 3. Mardhiyyah Cahaya Chalia 4. Naira Nursyifa 5. Wiku Larutama	Universitas Pendidikan Indonesia	Special Award: Best Design
RA-U075	AREK's (Autism Reality Experience for Kid system) based on Internet of Things as an Early Intervention Method for Children with Autism Spectrum	1. Renno Bagas Syahputra 2. Jasmine Nadhiyfa Syanni 3. Arif Kurniawan 4. Tri Rejeki Andani	Universitas Negeri Surabaya	Special Award: Best Design
RA-U035	Analysis of Photovoltaic-Thermal (PVT) System's Efficiency Using Hexagonal Boron Nitride (hBN) Coolant Nanofluid with Surfactant Variations: An Experimental Study	1. Ilham Akbar Habibi 2. Mohammad Akbar Hafidz Firmansyah 3. Baihaqie Danuputra Sudrajat 4. Desvandiari Nauvaldo Anasta 5. Avita Ayu Permanasari	Universitas Negeri Malang	Special Award: Best Design
RA-U047	Innovative neosome gel cream that nourishes the skin to reduce rashes from <i>Coccinia grandis</i> extract	1. Patharawadee Saengted 2. Korawinwich Boonpisuttinant	Rajamangala University of Technology Thanyaburi	Special Award: Best Design

Special Award: Best Commercialization

Paper ID	Title	Name	University	Award
RA-U053	Ointment innovation from Bajakah Tampala (<i>Spatholobus littoralis</i> Hassk.) a typical Borneo plant as an antimicrobial and antibiofilm of <i>Staphylococcus aureus</i> causing diabetic ulcer infection	1.Hasyrul Hamzah, S.Farm 2. Virgiawan Yoga Pratama 3. Agnes Novita Rante Malino 4. Nila Fajrianti 5. Rivdyanto Nugrahtiar Adhi	Universitas Muhammadiyah Kalimantan Timur	Special Award : Best Commercialization
RA-U069	Effectiveness of Problem Based Learning Model to Improve Green Skills of Vocational Students in Realizing Sustainable Development Goals	1.Bunga Arnelia Nofri 2. Keisha Rizki Febriyana 3. Mohammad Fitra Chefario 4. Mustika Nuramalia Handayani	Universitas Pendidikan Indonesia	Special Award : Best Commercialization
RA-U080	Last Mail Delivery with Drone Courier Technologies	1. Samuel Chandra Marciano Tambunan 2. M. Fachrein Syauqi 3. Ziffron Siallagan 4.Azkataqy Fawa Tara	Universitas Pendidikan Indonesia	Special Award : Best Commercialization
RA-U040	SOY - GHETTI	1. Nurul Akmal Binti Abd Wahab 2. Muhammad Hafizzikry Bin Abd Rahim 3. Ahmad Akram Mirza Bin Mohd Hussaini 4. Nur Syakirah Binti Sukimin	Institut Kemahiran Belia Negara Kemasik	Special Award : Best Commercialization
RA-U054	Virtual Reality Gaming Applications Installed with Mobile Devices to Improve Body Responsiveness and Movement Performance for Parkinson's Disease Patients "The Guardian of Watcharapri"	1. Dhonlawat Sangpu 2. Badin Nalsawang 3. Pornchai Notsor 4. Sira Prasertsak 5. Suwapat Khamtawee	Phetchaburi Vocational College	Special Award : Best Commercialization
RA-U075	AREK's (Autism Reality Experience for Kid system) based on Internet of Things as an Early Intervention Method for Children with Autism Spectrum	1. Renno Bagas Syahputra 2. Jasmine Nadhiyfa Syanni 3. Arif Kurniawan 4. Tri Rejeki Andani	Universitas Negeri Surabaya	Special Award : Best Commercialization

RA-U066	Eco Friendly Recycle Bricks	1. Syed Iqbal Jefri bin Syed Othman 2. Nur Alia Safiah binti Mohd Rafizam 3. Muhammad Syarifuddin bin Md Mazli 4. Ajlaa Anis binti Azmi 5. Siti `Amirah binti Basirun	Kulim Vocational Collage	Special Award : Best Commercialization
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Special Award: Best Presentation

Paper ID	Title	Name	University	Award
RA-U069	Effectiveness of Problem Based Learning Model to Improve Green Skills of Vocational Students in Realizing Sustainable Development Goals	1. Bunga Arnelia Nofri 2. Keisha Rizki Febriyana 3. Mohammad Fitra Chefario 4. Mustika Nuramalia Handayani	Universitas Pendidikan Indonesia	Special Award : Best Presentation
RA-U080	Last Mail Delivery with Drone Courier Technologies	1. Samuel Chandra Marciano Tambunan 2. M. Fachrein Syauqi 3. Ziffron Siallagan 4. Azkataqy Fawa Tara	Universitas Pendidikan Indonesia	Special Award : Best Presentation
RA-U021	Smart Traffic Management System	1. Thanh-Tung Luu 2. Quoc-Khang Le-Do	Ho Chi Minh City University of Technology and Education	Special Award : Best Presentation
RA-U027	Design and Manufacture AUDIS (Autonomous Underwater Drone of Indonesia System) as a Supporting Facility in Maintaining Maritime Affairs for the Defense Industry	1. Vincentius Septian Dwi Saputra 2. M. Axel Radityoadji 3. Ahmad Fahmi 4. Salsabila Romadona	Universitas Negeri Surabaya	Special Award : Best Presentation
RA-U022	STOPIA: Stress Monitoring System for Truck Drivers Based on Wearable Sensor and IoT	1. Ihsan Nurhadi 2. Caesar Seta Pandega 3. Davin Arkan Admoko Putra 4. Dewang Ranga Bentar 5. Vina Dwiyanti	Universitas Pendidikan Indonesia	Special Award : Best Presentation

Special Award: Most Popularity

Paper ID	Title	Name	University	Award
RA-U024	Synchronization PD Control with Time Delay Estimation for the 4-DOF Parallel Robot	1. Tra Xuan Nguyen 2. Duc Manh Nguyen 3. Thanh Nha Nguyen 4. Tran Duc Thien	Ho Chi Minh City University of Technology and Education	Special Award: Most Popularity
RA-U020	Implementation of Information Management Systems in Presence Systems Using "Easy Presence Applications" for Efficient Process of Student Data Collection	1. Titin Sulistianingsih 2. Bagaskoro Jati Waluyo 3. Prameswara Ayodya 4. Arief Rizqi Pratama 5. Arinda Soraya Putri, S.T., M.T.	Universitas Muhammadiyah Surakarta	Special Award: Most Popularity
RA-U062	ZOOFARI	1. Puan Kang Wei 2. Eric Dominic 3. Chang Wei Kit 4. Siti Kamila binti Deraman	Politeknik METrO Kuala Lumpur	Special Award: Most Popularity

Special Award

Paper ID	Title	Name	University	Award
RA-U036	Clean Future Rivers: An Integrated Futuristic Multi-Advanced Steps Concept for Maximizing the Function of Indonesian Rivers through a Comprehensive River Cleaning System	<ol style="list-style-type: none"> 1. Mohammad Salman Alfarisi 2. Sonia Dwi Romadhona 3. Izza Nur Ibrahim 4. Felda Nahdah Erfarras 5. Muhammad Aris Ichwanto 	Universitas Negeri Malang	Special Award
RA-U079	Blockchain Disaster Management for Humanitarian Logistic as Post-Disaster Response Measures	<ol style="list-style-type: none"> 1. Mohamad Faherza Hasyir Rahman 2. Ihsan Nurhadi 3. Sheren Aurelia Widjaja 4. Hanissa Okitasari 	Universitas Pendidikan Indonesia	Special Award
RA-U019	Development of a Restaurant Robot using Lidar and ROS	<ol style="list-style-type: none"> 1. Nguyen-Quang-Dong Dang 2. Thanh-Nam Nguyen 	Ho Chi Minh City University of Technology and Education	Special Award
RA-U012	Decentralized Collaboration Control and Obstacle Avoidance for Swarm Robot	<ol style="list-style-type: none"> 1. Tu-Gia-Thinh Nguyen 2. Viet-Hung Nguyen 3. Hong-Thai Le 4. Van-Tai Tran 	Ho Chi Minh City University of Technology and Education	Special Award
RA-U065	Da Zookeeper	<ol style="list-style-type: none"> 1. Muhammad Zaid Bin Abd Mujib 2. Nabil Luqman Al Bahrin Bin Azmi 3. Muhammad Zaid Bin Abd Mujib 4. Nusaibah Binti Nasharudin 	Polytechnic Metro Kuala Lumpur	Special Award
RA-U017	Design and implementation of a chatbot on Zalo OA platform depends on ChatGPT	<ol style="list-style-type: none"> 1. Ngo Tien Tu 2. Le Trong Hoang 3. Nguyen Thi Kim Chi 4. Nguyen Bao Tran 5. Le Phan Nguyen Dat 	Ho Chi Minh City University of Technology and Education	Special Award
RA-U037	Natural Structure Intervention as an Effort to Save Coastal Areas from the Impact of Sea	<ol style="list-style-type: none"> 1. Ir. M. Mirza Abdillah Pratama 2. Devi Yusufi Ruhma 3. Hafif Ahmad Abdul Aziz 	Universitas Negeri Malang	Special Award

	Level Rise Through the Formation of Reef Structures	4. Haniya Fatmawati 5. Fajar Tamami		
RA-U071	Application of Project Based Learning on Waste Management to Increase Sustainability Literacy of Students Affected by the Earthquake	1. Mahesa Ayu 2. Salsabila Manna Aghniya 3. Bunga Arnelia Nofri 4. Rahayu Indriasari 5. Mustika Nuramalia Handayani	Universitas Pendidikan Indonesia	Special Award
RA-U078	Autonomous Robot for IMS	1. Muhammad Abiyyu Shafly 2. Zaidan Edya Putra Musdhary Adjie 3. Muhamad Hikmat Aprianto 4. Rizki Aditya Wardhana	Universitas Pendidikan Indonesia	Special Award
RA-U013	Optimal Multi-Target Traveling for Multiple Mobile Robot System	1. Tu-Gia-Thinh Nguyen 2. Xuan-Sang Nguyen 3. Van-Tung Le	Ho Chi Minh City University of Technology and Education	Special Award
RA-U031	Realizing Zero Accident with an IoT-based Tower Crane Controller	1. Muhammad Saddam Nulhakim 2. Raihan Nurhakim 3. Fadlika Ardiansyah	Universitas Pendidikan Indonesia	Special Award
RA-U023	An optimal smooth-path motion planning method for a Car-like mobile robot	1. Trung Kien Nguyen 2. Duc Huy Pham 3. Nguyen Quang Chien 4. Hung Hoang 5. Thien Tran Duc	Ho Chi Minh City University of Technology and Education	Special Award
RA-U034	Utilization of Household Waste in the Fulfillment of Electrical Energy and Improvement of Sustainable Soil Ecosystems Based on "Grassroots Community"	1. Daniel Setiawan 2. Elsada Shandy G.N 3. Ferian Wijaya 4. Moh. Samsul Maarif 5. Muhammad Aris Ichwanto	Universitas Negeri Malang	Special Award
RA-U015	Efficient video retrieval method based on transition detection and video metadata information	1. Nhat-Tuong Do-Tran 2. Vu-Hoang Tran 3. Ngoc-Tuan Nguyen	Ho Chi Minh City University of Technology and Education	Special Award

		4. Thanh Nguyen-Le		
RA-U048	Nio Radish Sleeping Mask	1. Chutigarn Amornsittiwong	Rajamangala University of Technology Thanyaburi	Special Award
RA-U064	Zoo In A Click	1.Thilegan A/L Baskaran 2. Thiselan A/L Baskaran 3. Alvindren A/L Mohana Alfred 4. Mohd Rizuan Bin Mat Ramli	Politeknik METrO Kuala Lumpur	Special Award
RA-U063	HEALTHY ZOO	1. Nurshafinaz Binti Muhamad Al Malik Faizal 2. Pravin A/L Vishnu 3. Nur Wardina Binti Yahya	Politeknik METrO Kuala Lumpur	Special Award
RA-U025	Teleoperation of 3-DOF Robot Using Novint Falcon Device	1. Ly Phi Cuong 2. Tran Minh Khiem 3. Nguyen Tien Dat 4. Tran Quoc Duy 5. Nguyen Dinh Truong An 6. Tran Duc Thien	Ho Chi Minh City University of Technology and Education	Special Award
RA-U055	Gyroscope vehicle control	1. Tanakan Junap 2. Theerapong Rungruang 3. Woraphong Waraporn 4. Thitiwut Phochakhum 5. Thanawit Somphan	Rajamangala University of Technology Thanyaburi	Special Award
RA-U030	Green synthesis of CuO nanoparticles using Mitragyna	1. Sunita Wongmasoh 2. Porntip Paserakang 3. Voranuch Thongpool	Rajamangala University of Technology Thanyaburi	Special Award
RA-U026	Parameter Estimation of a 6-DOF Manipulator Using Least Squares Method	1. Nguyen Thi Ngoc Thuy 2. Nguyen Ngoc Thien 3. Tong Hai Ninh	Ho Chi Minh City University of Technology and Education	Special Award
RA-U028	Smart Pirates (protective body parts for smart martial arts athletes) based on the Internet of things (IoT)	1. Arif Kurniawan 2. Jasmine Nadhiyfa Syanni 3. Andriansyah Rossi 4. Zaskhia Artina Isnalifah	Universitas Negeri Surabaya	Special Award
RA-U024	Synchronization PD Control with Time Delay Estimation for the 4-DOF Parallel Robot	1. Tra Xuan Nguyen 2. Duc Manh Nguyen	Ho Chi Minh City University of Technology and Education	Special Award

		3. Thanh Nha Nguyen 4. Tran Duc Thien		
RA-U032	Intelligent Temperature-Based Fan Control System	1. Kanthiya Muangmai 2. Piyathida Ngamdee 3. Tinpop bunsnit 4. Sivakorn chumkuntod 5. Aphiwan Niamkhilai	Rajamangala University of Technology Thanyaburi	Special Award
RA-U062	ZOOFARI	1. Puan Kang Wei 2. Eric Dominic 3. Chang Wei Kit 4. Siti Kamila binti Deraman	Politeknik METrO Kuala Lumpur	Special Award
RA-U051	Hair spray to reduce hair loss with innovative emulsion from lemongrass	1. Jittikran Chalermwat	Rajamangala University of Technology Thanyaburi	Special Award
RA-U016	A Logistic Drone Using An Adaptive Pose Controller Under A State Observer	1. Duong Khac Luan 2. Hoang Duc Minh 3. Phan Van Quan	Ho Chi Minh City University of Technology and Education	Special Award
RA-U029	Digital Revolution in Indonesian Film, Animation, and Video Industry through SineasHub as the Leading Solution	1. Devaanu Arkaan Dirgantara 2. Jairus Asher Purdy 3. Siti Wahyu Pawening 4. Maritza Dwi Zahrani	Universitas Negeri Yogyakarta	Special Award
RA-U056	Rain Detector	1. Tawun Taninsurat 2. Weruriya Phonchan 3. Lakkhetsayam Rakyat 4. Thanakon Klinhom 5. Otthaphon Somsopa	Rajamangala University of Technology Thanyaburi	Special Award
RA-U052	Blossom Power Plus	1. Suchanaree Jantapoon 2. Benchamin Rachatakankun 3. Nakuntwalai Wisidsri	Rajamangala University of Technology Thanyaburi	Special Award
RA-U046	Saline Bag Temperature Control System	1. Autthawat Muntavijak 2. Nantawat Poopadploy 3. Sirisak Leeprut 4. Weerapat Keawkamsean 5. Narakon Maewnual	Rajamangala University of Technology Thanyaburi	Special Award

RA-U043	Transporter Rocker Bogie	<ol style="list-style-type: none"> 1. Mohamad Khairul Hisham bin Mohd Jamil 2. Muhammad Azamuddin bin Ismail 3. Mohammad Adam Daniel bin Mohd Rosde 	Kolej Kemahiran Tinggi Mara Pasir Mas	Special Award
RA-U044	Ahn-ta-pi-rom herb Project	<ol style="list-style-type: none"> 1. Pornpailin Chaipakdee 2. Krittiyane Jaroenkiatiwong 3. Sirirat Chantha 4. Kullathida Suphakittama 5. Nattha patan 6. Metar Siriwattanasatorn 	Rajamangala University of Technology Thanyaburi	Special Award
RA-U005	Totally Integrated Automation Manufacturer Trainer	<ol style="list-style-type: none"> 1. Nuthdanai Supawimol 2. Ittipong Tabthong 3. Pannatorn Ngamwilai 4. Puttichat Samaimuang 5. Wisawa Sakdee 	Rajamangala University of Technology Thanyaburi	Special Award
RA-U011	Belt Sender	<ol style="list-style-type: none"> 1. Marwan Hadid Bin Mahadzir 2. Muhammad Amirul Nur Al Hakim Bin Mohd Rosli 3. Muhammad Afiq Najmi Bin Muhammad Sobri 	Kolej Vokasional Sungai Petani 1	Special Award
RA-U004	A walking rehabilitation machine for patients	<ol style="list-style-type: none"> 1. Khwanchanok Thong-ek 2. Kanyakon Phetsumrit 3. Surathin Khongsontana 4. Songkan Phrmkoed 5. Thanin Narnpersert 	Rajamangala University of Technology Thanyaburi	Special Award
RA-U006	Automatic Hand Sanitizer Dispenser	<ol style="list-style-type: none"> 1. Papada Klangjang 2. Parinya Outis 3. Chalanthorn Ekprasertkul 4. Thanachote Hoyhual 	Rajamangala University of Technology Thanyaburi	Special Award