UNIVERSITAS MUHAMMADIYAH PURWOREJO
UMPWR INNOVATE 2026
International Innovation Competition for Young Innovators
Jl. K.H. Ahmad Dahlan No. 3 & 6, Purworejo, Central Java, Indonesia 54111
Website: www.umpwr.ac.id | Email: info@umpwr.ac.id

Number : 003/UMPWR_INNOVATE2026/XI/2026
Attachment : -
Subject : Winner Announcement of UMPWR INNOVATE 2026

Dear participants,

We are delighted to announce the winners of **UMPWR INNOVATE 2026**, an international innovation competition that brings together creative minds, innovative ideas, and inspiring solutions from different backgrounds and countries.

After a thorough evaluation by our distinguished panel of judges, we proudly present the award recipients in the following categories: GOLD, SILVER, and BRONZE. The complete list of winners for each award category is provided in the attached announcement.

Congratulations to all the winners!

Your creativity, dedication, and innovative spirit have made this competition a meaningful platform for sharing ideas and creating positive impact.

We also extend our sincere appreciation to all participants, mentors, and judges for their valuable contributions and enthusiasm throughout the competition.

Keep creating, keep innovating, and keep making an impact!

Abdul Ngafif
The committee of UMPWR INNOVATE 2026
Universitas Muhammadiyah Purworejo
Indonesia

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OFFICIAL LIST OF WINNERS

Category : Tech Innovation

Award	Participant	Institution	Country	Innovation Title	Score
Gold	• Rumanta Tanjung • Arya Pasya Andhara	Universitas Diponegoro	Indonesia	MV Karanta : A Multifunctional Workboat with Supplementary Solar Power for Enhanced Navigational Safety in Muara Karangantu, Indonesia	94
Gold	• Muhammad Zaky Naufal Mufadhdhal	Universitas Muhammadiyah Purworejo	Indonesia	Smart Road Design Evaluator	92
Gold	• Rafi Ramadhani • Rakhmah Nur Aliffia • Muhamad Vicky Somantri	Universitas Muhammadiyah Purworejo	Indonesia	Implementing BIM into a project for budget and time efficiency	90
Gold	• Dwi Rismawati • Aqsa Maulana • Adrian Radja Grivaldo	Universitas Diponegoro	Indonesia	Bluebox Safe: Conceptual Design of an Integrated System for Fisherman Safety and Fishing Zone Mapping Based on LoRa, GPS, and Hybrid Energy, Amidst Shifts in Fish Distribution Due to Climate Change	89
Gold	• Elsa Nawra Zain • Rizqy Pandu Habiburrahman • Abdi Maulana Azril	Universitas Diponegoro	Indonesia	Sargassum Polycystum Supercapacitor: Penyimpanan Energi Berbasis Biomassa Dari Pesisir Pantai Selatan Jawa Untuk Mendukung Energi Dunia Maritim Bebas Karbon	88
Gold	• Nuntaphat Torsakulsak • Natthanicha Chaiyaros • Thitaporn Thueankul	Phitsanulok Pittayakom School	Thailand	Smart Farrowing Monitoring & Air-Actuated Piglet Protection System	87
Gold	• Arrin Meylani Sukoco • Durratun Nafisah • Dwi Iswara Alviana	Universitas Gadjah Mada	Indonesia	Smart guava inspection system	86

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Category : Creative Innovation

Award	Participant	Institution	Country	Innovation Title	Score
Gold	• Camellia Tabina Fawwaz	Universitas Muhammadiyah Surakarta	Indonesia	SoDA: Subject of Disability Awareness	90
Gold	• Anantha Krishna P S • Avani Krishna • Rahul E K	Nehru college of engineering	India	Synkron	86
Gold	• Korawitch Kompratum • Nawiya Thaophothong • Manorot Jansong	Phitsanulok Pittayakom School	Thailand	Development of a carbon dioxide capture system using calcium hydroxide solution to synthesize calcium carbonate precipitates.	86
Gold	• Muklis • Moh Farih Abdul Badi MF • Fatan Alif Nugraha	Universitas Muhammadiyah Purworejo	Indonesia	Platfrom Tefa Autotech	85
Silver	• Rafi Fathan Gandari • Nada Sucihati Khairunnisa	Universitas Muhammadiyah Tasikmalaya	Indonesia	THE REGRET STORE: An Interactive Consequence-Based Learning Model for Students' Decision-Making Awareness	82
Silver	• Pattarapon Juangphonngam • Theerapat Boonlap • Pattranit Maneechot	Phitsanulok Pittayakom School	Thailand	Dual-Action Fast-Dissolving Oral Strip	80
Silver	• Hoàng Trọng Nhân • Phạm Vĩnh Phúc • Phạm Huỳnh Minh Nguyên	Ho Chi Minh University of Technology	Việt Nam	SOPTIX	78
Silver	• Teewasu Kiangkoo • Puntakan Seeradlao • Sadanon Pradit	Phitsanulok Pittayakom School	Thailand	Duo Bio-target capsule	75