



KEMENTERIAN PENDIDIKAN, KEBUDAYAAN,
RISET, DAN TEKNOLOGI
DIREKTORAT JENDERAL PENDIDIKAN VOKASI

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Nomor : Manual.058/D4/AL.04/2024

28 Juni 2024

Lampiran : Satu berkas

Hal : Pengumuman Penerima Bantuan Program Kerja Sama Pengembangan
Produk Inovasi Tematik Tahun 2024

Yth.

1. Pimpinan Perguruan Tinggi Penyelenggara Pendidikan Vokasi
2. Ketua LP/LPM/P3M/Lembaga Sejenis pada Perguruan Tinggi Penyelenggara Pendidikan Vokasi
3. Ketua Pengusul Proposal Program Kerja Sama Pengembangan Produk Inovasi Tematik (A3 Tematik) di Lingkungan Kementerian Pendidikan, Kebudayaan, Riset, dan Teknologi

Menindaklanjuti surat kami nomor 0491/D4/AL.04/2024 tanggal 05 Maret 2024 perihal Penerimaan Proposal Program Kerja Sama Pengembangan Produk Inovasi Tematik (A3 Tematik) skema Penelitian Kerja Sama Luar Negeri Tahun 2024, bahwa berdasarkan serangkaian hasil seleksi proposal yang telah dilaksanakan oleh Direktorat Akademik Pendidikan Tinggi Vokasi (APTIV), bersama ini kami sampaikan daftar nama penerima bantuan pendanaan Program Kerja Sama Pengembangan Produk Inovasi Tematik (A3 Tematik) skema Penelitian Kerja Sama Luar Negeri Tahun Anggaran 2024.

Berkenaan dengan hal tersebut, Direktorat APTIV menyampaikan selamat kepada penerima bantuan pendanaan Program Kerja Sama Pengembangan Produk Inovasi Tematik Tahun Anggaran 2024, dan menyampaikan apresiasi bagi pengusul yang belum direkomendasikan agar dapat berpartisipasi kembali pada periode berikutnya. Bagi pengusul yang dinyatakan direkomendasikan untuk didanai, ketentuan mengenai proses penyaluran dana bantuan dan administratif lainnya akan diinformasikan lebih lanjut oleh Direktorat APTIV selaku pengampu program kepada unit pengelola program yang ditunjuk oleh perguruan tinggi masing-masing.

Atas perhatian dan kerja sama Saudara, kami sampaikan terima kasih.

Direktur Akademik Pendidikan Tinggi Vokasi,



Beny Bandanadjaja

NIP 197009302000031001

Tembusan:

Direktur Jenderal Pendidikan Vokasi

Lampiran

Nomor : Manual.05/D4/AL.04/2024

Tanggal : 28 Juni 2024

**DAFTAR PENERIMA BANTUAN PROGRAM
KERJA SAMA PENGEMBANGAN PRODUK INOVASI TEMATIK TAHUN 2024**

No	Perguruan Tinggi	Nama	Judul
1	Institut Keuangan-Perbankan Dan Informatika Asia Perbanas	Fangky Antoneus Sarongan	Model Of Climate Change Mitigation And Adaptation Through The Development Of A Socio-Economic Model In The Southeast Asia Region
2	Institut Teknologi Sepuluh Nopember	Hendro Nurhadi	3D printing parameter and process optimization of wire arc additive manufacturing (WAAM) in emerging-challenges of sustainable and minimal carbon footprint from waste-materials
3	Politeknik Caltex	Juni Nurma Sari	Information System to Support Modeling Study on Health, Social, and Economic Impacts Related to PM2.5 Due to Climate Change
4	Politeknik Elektronika Negeri Surabaya	Mike Yuliana	Early Warning System Of Rice Pest Disease Attacks To Support National Food Security During Global Climate Change
5	Politeknik Elektronika Negeri Surabaya	Nu Rhahida Arini	Evaluation on Fluid Structure Interaction of Floating Offshore Platform for Integrated Tidal and Wind Energy Converter (Case Study of Enhanced Electricity Production in Pagerungan Kecil Island)
6	Politeknik Jambi	Sigit Kurniawan	Development of IoT system for water table level and soil moisture now casting
7	Politeknik Manufaktur Bandung	Andri Pratama	Design and Manufacture Strategies for Renewable Energy-Based Combined Power Plants
8	Politeknik Negeri Bali	I Wayan Budi Sentana	Strengthening Mobile App Security: Collaborative Development Of Security Analyzer Between Indonesia And Malaysia
9	Politeknik Negeri Bali	I Nyoman Kusuma Wardana	Smart Personal Exposure Monitor To Particulate Matter Air Pollutants
10	Politeknik Negeri Bali	I Wayan Edi Arsawan	From Strategy To Corporate Environmental Reputation: Incorporating Eco-Innovation And Sustainable Business Performance Model
11	Politeknik Negeri Bali	I Gusti Ngurah Agung Dwijaya Saputra	Smart Pump Controller with Real-Time Adaptive Logic for Irrigation System
12	Politeknik Negeri Bandung	Dwi Suhartanto	The Holistic Model of Mangrove Ecotourism Development: Utilizing Smart Technology and Ecotourist-Centric to Strengthen Environmental, Social and

			Governance (ESG) Model
13	Politeknik Negeri Bandung	Lina Troskialina	Development of a Solid Oxide Fuel Cell Stack Testing System at Politeknik Negeri Bandung to Fulfill Industrial Standard
14	Politeknik Negeri Banyuwangi	Khairul Muzaka	Development Of Metal 3d Printer Base On Metal Inert Gas (Mig) Welding
15	Politeknik Negeri Batam	Andy Triwinarko	Collaboration on the Development and implementation of sensors for IoT modules based on SIP (System on Package) and SOIC for monitoring of renewable electric energy plant: Photovoltaic (PV) Solar Cell panel plant
16	Politeknik Negeri Jember	Dhanang Eka Putra	Gatekeepers of Smallholders Coffee, Pilot Plant Standards and USDA Certifications Toward Lower Impact Climate Change on the Sustainability of Coffee in Jember
17	Politeknik Negeri Lampung	Jakty Kusuma	CLOVIGEN: Predictive Framework for Assessing Climate Suitability in Cloves (Syzygium aromaticum) Agriculture—A Genomic and Machine Learning Approaches
18	Politeknik Negeri Malang	Banni Satria Andoko	Constructing Climate Change-Awareness through Logical Thinking Reconstruction using Toulmin Arguments (VIAT-map) and concept maps (KB-map) in The Climate Change-Education
19	Politeknik Negeri Malang	Cahya Rahmad	Smart Monitoring System on Paddy Field using Deep Learning and IoT Application
20	Politeknik Negeri Malang	Asalil Mustain	Triacetin Production Process from the Glycerol Acetylation Reaction as a Fuel Bio-additive with a Capacity of 10 L
21	Politeknik Negeri Malang	Bagus Wahyudi	Design And Prototyping Of A Gravitational Funicular Railway Cable Train Using Implementation Of An Adaptive Water Brake Automation System To Support Green Transportation
22	Politeknik Negeri Malang	Ferdian Ronilaya	Integrated Smart PV Converter for Grid Frequency and Voltage Stabilization
23	Politeknik Negeri Manado	Winda Sanni Slat	Plastic Waste Management Technology Innovation to Support Sustainable Tourism in Coastal Areas of North Sulawesi, Indonesia
24	Politeknik Negeri Medan	Benny Benyamin Nasution	Resilient Urban Development (RUD) to Secure The Welfare of The Citizen in a City
25	Politeknik Negeri Padang	Yuli Yetri	Innovation in the Commercialization of Environmentally Friendly Supercapacitor Electrodes from Activated Carbon of Theobroma cacao peels as a Source of Energy Storage
26	Politeknik Negeri Semarang	Sidiq Syamsul Hidayat	Product Development of Real-Time Artificial Intelligence Control using Embedded IoT Systems for Wireless Sensor Networks and Wave Energy Converters
27	Politeknik Negeri Semarang	Kurnianingsih	Neurotech: Aiomt For Early Detection And Prediction Of Neonatal Asphyxia Complications Through Biosignal Analysis

28	Politeknik Negeri Semarang	Yusuf Dewantoro Herlambang	Floating Photovoltaic 20 kWp Using Passive Cooling Technology to Enhance Efficiency Equipped with Performance Monitoring System Based on Internet of Things (IoT)
29	Politeknik Negeri Semarang	Roni Apriantoro	Unmanned Aerial Vehicle Product Development for Deformation Analysis and Mitigation Plan of Landslide-Prone Area
30	Politeknik Negeri Semarang	Irfan Mujahidin	Development of Innovative Product 5.8 GHz Self-Injection Locked Radar Using Flexible Metasurface Lens for Vital Sign and Hybrid RF Solar Energy Harvesting
31	Politeknik Negeri Sriwijaya	Ekawati Prihatini	Smart Charging Electric Vehicle Batteries Using A Robot Vending Machine
32	Politeknik Negeri Sriwijaya	Martha Aznury	Sustainable Energy Transformation: Upgrading Green Diesel From Crude Palm Oil (Cpo) With Nickel Molybdenum Alumina Catalyst Through Hydroisomerization Process
33	Politeknik Perkapalan Negeri Surabaya	Denny Dermawan	Synthesizing Bagasse Biochar From Atmospheric Pressure Microwave Plasma Treatment With Nano Zero-Valent Iron (Nzvi) For High-Performance Composite Adsorbent For Removing Hexavalent Chrome From Tannery Industry
34	Politeknik Pertanian Negeri Pangkajene Kepulauan	Muhammad Ikbal Illijas	The Increase In Tiger Prawn (Penaeus Monodon) Production Using Superior Seedlings Enriched With Natural Astaxanthin
35	Politeknik Pertanian Negeri Pangkajene Kepulauan	Reta	Life Cycle Assessment (Lca) - Environmental Assessment Of Coffee Processing Pt Sulotco (Kapal Api Group) For A Sustainable Coffee Industry Towards Lower Impacts
36	Universitas Diponegoro	Chely Novia Bramiana	Collaborative Development of Modular and Enhanced-Control Photobioreactors for Window-Scale Applications
37	Universitas Gunadarma	Lana Sularto	Cross-Cultural Research On Marigold Flower Smart Agribusiness And Digital Marketing: Evidence Of Indonesia (Ug) And Russian (Sbpu)
38	Universitas Islam Indonesia	Ganjar Fadillah	Enrichment Nickel Purity With Ion Transfer Devices By Matrixes Isolation
39	Universitas Syiah Kuala	Edwar Iswardy	Development of IoT-based STEM Learning Modules by Using an IMAGy Device