

PPAVI CONFERENCE SYSTEM

The 1st PPAVI Student Research and Vocational Conference 2026

16 Oct 2026 – 31 Oct 2026 · Asynchronous

PROGRAM BOOK

Program book online:

https://ppavi.or.id/conferences/ppavi-student-research-vocational-conference-2026/program-book/

An asynchronous PPAVI student conference for oral and poster presentations, designed to showcase student research, applied inquiry, vocational projects, and early scholarly work across PPAVI member institutions.

Student researchers from PPAVI member and non-member institutions are welcome to register as oral or poster presenters. Researchers, educators, and members of the wider public may also register as attendees. Presentation submissions remain subject to the conference review and payment requirements.

Background: Students in vocational higher education need a structured academic space to present applied research, project-based learning outputs, community-oriented innovation, and discipline-specific ideas in formats that are accessible across institutions. An asynchronous conference model allows students from health and nursing, STEM and maritime technology, business, social sciences, humanities, and economics to participate without being limited by travel, synchronous scheduling, or institutional calendar differences. The conference also introduces students to scholarly communication, peer learning, presentation ethics, supervisor-guided refinement, and publication pathways.

Goals: provide an inclusive PPAVI student research forum; encourage oral and poster presentation practice; strengthen supervisor-supported student scholarship; promote cross-institutional exchange among PPAVI member institutions; document applied student innovation across symposium clusters; develop selected outputs toward full-paper submission; and build a recurring student conference series connected to PPAVI proceedings and member journals.

Expected outcomes: accepted student abstracts, asynchronous oral presentation videos, digital poster presentations, reviewer and audience engagement, best presentation recognition by symposium and presentation type, full-paper submissions for editorial review, selected publication in PPAVI Conference Proceedings Series or PPAVI member journals, and a sustainable model for future student research and vocational project dissemination.

Symposium on Health Futures, Nursing Innovation, and Community Wellbeing

Effect of 30° Leg Elevation on Lower-Extremity Edema in Patients with Congestive Heart Failure: A Case Study

Adila Aura Agustiani

Symposium on Health Futures, Nursing Innovation, and Community Wellbeing · Community Health, Nursing Practice, and Patient Safety · Patient safety and care quality

PPAVI-2026-CBF67590 · Oral

Effects of Finger-Hold Relaxation and Deep-Breathing Exercises on Blood Pressure in Patients with Hypertension: A Case Study

Selvy Hertiana Thonak

Symposium on Health Futures, Nursing Innovation, and Community Wellbeing · Community Health, Nursing Practice, and Patient Safety · Patient safety and care quality

PPAVI-2026-654517FC · Oral

K-Means Clustering of Anthropometric Z-Score Profiles among Children Under Five at Cilongok I Community Health Center, Banyumas, Indonesia

Siti Maskanah

Symposium on Health Futures, Nursing Innovation, and Community Wellbeing · Applied Wellbeing, Maternal Health, and Health Promotion · Maternal and child health

PPAVI-2026-AD69A545 · Poster

Formulation of Lip Balm and Determination of SPF (Sun Protection Factor) of Curcuma mangga Val. & Zijp. Rhizome Extract

Aisyah Ardelia

Symposium on Health Futures, Nursing Innovation, and Community Wellbeing · General Health · General Health

PPAVI-2026-A48C5D7F · Oral

In Vitro Antibacterial Activity of an Ethanol Extract of Curcuma mangga Val. & Zijp Rhizomes against Staphylococcus aureus and Cutibacterium acnes

Santa Enjelita Sihombing

Symposium on Health Futures, Nursing Innovation, and Community Wellbeing · General Health · General Health

PPAVI-2026-5C3542B4 · Oral

Association Between Stress Levels and Readiness for Dormitory Life among First-Year Nursing Students

Berta Putri Iglesias Zebua, Dini Oktaviani Gultom, Gresya Theodora Tampubolon, Jesica Putri Lourdes, Viescha Leonysa Sianturi, Yemima Purba, Evrina Br Ginting, Yunita Gratia Simanjuntak

Symposium on Health Futures, Nursing Innovation, and Community Wellbeing · General Health · General Health

PPAVI-2026-A988D7BC · Poster

CALM-STUDENT: A Pilot Study of State Anxiety Before and After a Five-Minute Guided Breathing Exercise in Nursing Students

Oktaviana Alvionita Safitri

Symposium on Health Futures, Nursing Innovation, and Community Wellbeing · General Health · General Health

PPAVI-2026-0932AA2A · Poster

Factors Associated with Age Group among First-Year Dormitory Residents at Institut Kesehatan Santa Elisabeth Medan: A Cross-Sectional Study

Yeni Hatresia Br Pasaribu, Yesica Pardosi, Petra Stefanni Agahta Sinurat, Daniella Carmelita Manalu, Agnes Priska Adelina Sarumaha, Uccie Viola C Sinaga, Angel Samosir

Symposium on Health Futures, Nursing Innovation, and Community Wellbeing · General Health · General Health

PPAVI-2026-B525ED17 · Poster

Symposium on Applied STEM, Maritime Technology, and Sustainable Engineering

Design and Testing of an Autonomous Mobile Robot for Hospital Areas Using the VDI 2206 Method

Herdaru Purnawarman, Marcellus Satria

Symposium on Applied STEM, Maritime Technology, and Sustainable Engineering · Sustainable Engineering, Maritime Systems, and Applied Technology · Prototype testing

PPAVI-2026-CB2AC4FD · Oral

Forecasting Monthly Dengue Hemorrhagic Fever Cases in Banyumas Regency Using a Hybrid ARIMA-SVR Model with Hydrometeorological Predictors

Jevon Nataniel Putra

Symposium on Applied STEM, Maritime Technology, and Sustainable Engineering · Informatics, Data Systems, and Digital Innovation · Data dashboard

PPAVI-2026-3A6560DB · Oral

Integration of Monitoring and Automatic Control of Fish Pond Water Quality Based on the Internet of Things

Rufus Deska Setyawan

Symposium on Applied STEM, Maritime Technology, and Sustainable Engineering · Informatics, Data Systems, and Digital Innovation · IoT monitoring

PPAVI-2026-69814DBA · Oral

Platrack: A Blockchain-Enabled IoT Supply Chain Traceability System Integrating OCR and Geolocation

Bernaditus Yordan Baraga, Angelica Lulu Setiani

Symposium on Applied STEM, Maritime Technology, and Sustainable Engineering · Informatics, Data Systems, and Digital Innovation · IoT monitoring

PPAVI-2026-F7ED35AC · Oral

Computer Vision-Based Bolt Inspection and Counting on a Conveyor Belt

Felix Gerardo Yunanto Putro, Michael Wijaya, Julius Gilbert Pradipta

Symposium on Applied STEM, Maritime Technology, and Sustainable Engineering · Informatics, Data Systems, and Digital Innovation · IoT monitoring

PPAVI-2026-C283472C · Poster

Computer Vision-Based Smart Inventory and Real-Time Power Monitoring Using Edge Computing

Daniswara Satya Pradipta, Muhammad Habib

Symposium on Applied STEM, Maritime Technology, and Sustainable Engineering · Informatics, Data Systems, and Digital Innovation · IoT monitoring

PPAVI-2026-2C1BBB79 · Poster

Smart Parking Management System Using Computer Vision and Automated Tariff Calculation

Fransiskus Xaverius Dennis Dwi Retmono, Laurensius Abdi Pramudya

Symposium on Applied STEM, Maritime Technology, and Sustainable Engineering · Informatics, Data Systems, and Digital Innovation · IoT monitoring

PPAVI-2026-4282B5C5 · Poster

ASTAKANDA: A Gamified Sign Language Learning Platform Using K-Nearest Neighbors and Interactive Dataset Enrichment

Jonathan Briant Wijaya

Symposium on Applied STEM, Maritime Technology, and Sustainable Engineering · Informatics, Data Systems, and Digital Innovation · Educational technology

PPAVI-2026-2B7EC938 · Oral

EduVenture: Design and Usability Evaluation of an Octalysis-Based Gamified Android Learning Application for History and Culture

Gregorius Pandu Tri Winata

Symposium on Applied STEM, Maritime Technology, and Sustainable Engineering · Informatics, Data Systems, and Digital Innovation · Educational technology

PPAVI-2026-6A15622F · Oral

Implementation of a Gamified Early Childhood Learning System

Fransiska Rambu Yowa

Symposium on Applied STEM, Maritime Technology, and Sustainable Engineering · Informatics, Data Systems, and Digital Innovation · Educational technology

PPAVI-2026-6B0A686F · Oral

Chemical and Sensory Characteristics of Sappanwood, Biancaea sappan (L.) Tod., Yoghurt Soft Candy with Different Formulations of Granulated Sugar and Arenga Palm Sugar

Lidya

Symposium on Applied STEM, Maritime Technology, and Sustainable Engineering · General STEM · General STEM

PPAVI-2026-052B11A3 · Oral

Exploration of Clove Powder, Syzygium aromaticum (L.) Merr. & L.M.Perry, Utilization in MOCAF-Based Cookie Development: Chemical and Sensory Characteristics

Veronica Adellia Evena Barage

Symposium on Applied STEM, Maritime Technology, and Sustainable Engineering · General STEM · General STEM

PPAVI-2026-2DD0DDE3 · Oral

Symposium on Business Transformation, Social Innovation, Humanities, and Sustainable Economy

Fear of Missing Out and Impulsive Buying among Digital Consumers: A Systematic Literature Review

Julian Verry Sudrajat, Rafaella Krisyandari Dwilestari, Zilfa Nasya Az-Zahra Taufan, Feliks Maylano Neke

Symposium on Business Transformation, Social Innovation, Humanities, and Sustainable Economy · Business Transformation, Entrepreneurship, and Sustainable Economy · MSME digitalization

PPAVI-2026-EF7DE5F9 · Oral

Business English as a Lingua Franca on WhatsApp in International Trade: A Case Study of an Exporter in Pontianak

Ruwis

Symposium on Business Transformation, Social Innovation, Humanities, and Sustainable Economy · Business Transformation, Entrepreneurship, and Sustainable Economy · Sustainable entrepreneurship

PPAVI-2026-8AA90E49 · Oral

Communication Strategies in Responses to Negative Customer Reviews on Shopee: A Discourse Analysis of Somethinc Official Shop

Allissia Winarta, Cherish Arlyn, Clara Aurelya, Meity

Symposium on Business Transformation, Social Innovation, Humanities, and Sustainable Economy · Business Transformation, Entrepreneurship, and Sustainable Economy · Sustainable entrepreneurship

PPAVI-2026-BEFEFB55 · Oral

Direct and Indirect Request Strategies in WhatsApp-Based Business Communication: Linguistic Realizations and Contextual Factors

Stefania

Symposium on Business Transformation, Social Innovation, Humanities, and Sustainable Economy · Business Transformation, Entrepreneurship, and Sustainable Economy · Sustainable entrepreneurship

PPAVI-2026-10F7242B · Oral

Students' Perceptions of Hook Strategies in Job Application-Related Short-Form Videos at Politeknik Tonggak Equator

Nikita Tanuwijaya

Symposium on Business Transformation, Social Innovation, Humanities, and Sustainable Economy · Business Transformation, Entrepreneurship, and Sustainable Economy · Sustainable entrepreneurship

PPAVI-2026-A1560E13 · Oral

AI Chatbot Use and Interpersonal Communication Preferences among Gen Z: A Qualitative Study of ChatGPT Users

Bernardo Rafael Praditya Kristanto, Benedicta Karen Jasmine Widayat

Symposium on Business Transformation, Social Innovation, Humanities, and Sustainable Economy · Social Innovation, Humanities, and Applied Communication · Applied communication

PPAVI-2026-BE7E14F3 · Oral

Persuasive Language in Personality Type Descriptions on the 16Personalities Website: A Qualitative Content Analysis

Yohanes Alvin

Symposium on Business Transformation, Social Innovation, Humanities, and Sustainable Economy · Social Innovation, Humanities, and Applied Communication · Applied communication

PPAVI-2026-C6CE2515 · Oral

Analysis of the Implementation of Electronic-Based Government Systems (SPBE) through Heuristic Evaluation of E-Government Services in Manado City and Donggala Regency

Naomi Yunika Aulia, Siti Maskanah

Symposium on Business Transformation, Social Innovation, Humanities, and Sustainable Economy · Social Innovation, Humanities, and Applied Communication · Digital humanities

PPAVI-2026-6142A847 · Oral

Mapping the Landscape of Open Government Data: A Bibliometric Analysis and Future Directions for Data-Driven Decision Making

Anggita Indraswari

Symposium on Business Transformation, Social Innovation, Humanities, and Sustainable Economy · Social Innovation, Humanities, and Applied Communication · Digital humanities

PPAVI-2026-4DDD3305 · Oral

A Comparative Analysis of Indonesia's EGDI and ASEAN Countries (2003–2024): Trends in OSI, HCI, and TII and the Factors Influencing Their Dynamics

Aikylla Zahra Permana, Anggita Indraswari

Symposium on Business Transformation, Social Innovation, Humanities, and Sustainable Economy · Social Innovation, Humanities, and Applied Communication · Digital humanities

PPAVI-2026-29FA6E6B · Poster