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ICEHHA 2025

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Preface

It is with profound academic honor and intellectual vigor that we present the formal proceedings of the 5th International Conference on Education, Humanities, Health, and Agriculture (ICEHHA) 2025, hosted by Universitas Katolik Indonesia Santu Paulus Ruteng. This year's assembly represents a definitive milestone in our institutional commitment to advancing interdisciplinary discourse under the rigorous theme: "Knowledge in Action: Empowering Education, Humanities, Health, Agriculture, and Engineering for Sustainable Societies."

The 5th ICEHHA 2025 serves as a high-level scholarly forum where researchers, practitioners, and theoreticians converge to disseminate empirical insights across seven critical academic domains. The compendium of 42 peer-reviewed papers featured in these proceedings underscores a collective dedication to the application of theoretical knowledge to real-world exigencies. From the ontological foundations of Manggarai local wisdom—encapsulated in concepts such as the 5-T (*Teing, Toing, Titong, Tatang, Tatong*) and *Manuk Rombeng*—to the sophisticated integration of Artificial Intelligence within pedagogical leadership and institutional governance, these works illustrate how traditional value systems can substantively inform modern socio-technical progress.

Within the sphere of Education and Pedagogy, the research interrogates inclusive instructional design, blended learning modalities, and STEAM-centric frameworks, ensuring that future cohorts are equipped with both ethical character and technical proficiency. The Civil Engineering and Engineering contributions offer critical analyses of smart mobility planning and hydro-dynamic discharge in burgeoning tourism hubs like Labuan Bajo, emphasizing the categorical imperative of balancing infrastructural expansion with ecological preservation.

Furthermore, the proceedings scrutinize the nuances of Linguistics and Communication, examining transitivity and discourse in political rhetoric alongside the shifting paradigms of digital mediation in language acquisition. The Social Sciences, Psychology, and Economics section interrogates the "Tourism-Education-Culture Trilemma," providing a robust critique of structural inequality and the socio-spatial dimensions of regional rituals. This interdisciplinary breadth is augmented by significant advancements in Agriculture and Health, which prioritize sustainable agronomic practices and livestock optimization, alongside investigations into Theology and Culture that synthesize ritualistic traditions with holistic community well-being.

We extend our deepest commendations to the authors for their scholarly rigor, to the reviewers for their evaluative precision, and to the organizing committee at Universitas Katolik Indonesia Santu Paulus Ruteng for their steadfast stewardship. It is our hope that these proceedings function as a scholarly catalyst for future inquiry and provide high-fidelity insights that facilitate the sustainable advancement of both local and global societies.

Ir. Patrisius Valdoni Sandi, S.T.,M.T.

Contents

Education & Pedagogy

Implementation of Pancasila Education Based on Local Wisdom 5-T (Teing, Toing, Titong, Tatang, Tatong) in Forming Solidarity Habitus of Elementary School Students in Manggarai <i>Ambros Leonangung Edu, Arita Marini, Otib Satibi Hidayat</i>	1
The Regulatory Professional Paradox: Developing Inclusive and Sustainable Professionalism among Early Childhood Education (ECE) Teachers <i>Theresia Alviani Sum</i>	16
Building Manuk Rombeng Generations: Local Wisdom as the Foundation for Manggarai Education in the Digital Era <i>Hubertus Aliansi Jehata</i>	25
Educational Leadership in the Age of Artificial Intelligence: A Systematic Review of Trends, Challenges, and Future Implications <i>Ismail Nasar, Abdul Majir, Wifqi Rahmi, Ahmad Walela, Christian Arje Antas</i>	36
Smart School Leadership in the Digital Era: Integrating Technology, Ethics, and Collaboration in Education <i>Lalu Idham Halid, Ismail Nasar, Baiq Azmi Sukroyanti, Ahmad Walela, Ristolivanus Cancu</i>	52
Effectiveness of the Student Management Skills Training in Developing Student Leadership and Organizational Management <i>Fransiskus Sawan, Benediktus Risaldo Baeng, Selfiana Maria Faimnasi</i>	65
Analysis of The Needs of Receptive and Expressive Language Learning Model For Early Childhood with A Multimedia-Based Block Center Approach <i>Stephanus Turibius Rahmat, Suyitno Muslim, Moch. Sukardjo</i>	76
Local Wisdom-Based Learning as a Means of Strengthening the Creativity and Cultural Identity of Manggarai Students <i>Elisabeth Sarinastitin</i>	93
Blended Learning Enhancement in Nationally-Required Curriculum Courses and University-Required Courses: A Survey-Based Analysis Based on Lecturer Perceptions <i>Ferdinandus Arifin Sulaiman, Emilianus Jehadus</i>	102
An Analysis in Learning Difficulties of Elementary School Students in the Pancasila Education Textbook <i>Stefanus Divan, Darius Obi Januardi, Gervasius Adam</i>	120
Effectiveness of STEAM-Based Mathematics Learning in Enhancing Students' Mathematical Communication Skills and Creativity <i>Kristianus Viktor Pantaleon, Ferini Susanti Umbung, Emilia Stefani Nurung</i>	136
A Narrative Review on the Effectiveness of Learning Evaluation to Sustain Professional Development among Indonesian Language Teachers <i>Marianus Supar Jelahun</i>	143

The Implementation Of The Habituation Method At Kisol Public Kindergarten As An Effort To Develop Polite Character In Six-Year-Old Children <i>Maria Fatima Mardina Angkur, Theresia Tinding, Ignasius Febryanto R. Bora</i>	162
Investigating the Impact of the Project-Based Learning Model on Creative Thinking Ability in Elementary Integrated Science <i>Emelda Thesalonika</i>	176
The Urgency of Inclusive Classroom Design to Support Holistic & Integrative Learning of Early Childhood Children in Ruteng Catholic Kindergartens <i>Ignasius Febryanto Bora, Angela Merici, Elisabeth Sarinastitin, Maria Dissriany Vista Banggur</i>	186
Civil Engineering & Environmental Science	
Integrating Local Context into Smart Mobility Planning for Developing Tourism Cities: Reflections from Labuan Bajo <i>Martha Elisa Kurniaty Gon, Rosita Ratu Rosary</i>	201
Analysis Of Land Cover Change And Its Impact On Runoff Discharge In Komodo District, West Manggarai Regency <i>Maria Kalista Hadia Sabu, Pankrasio Yudarsi, Gilirandi M Granaro, Ignasius Y Sehadun</i>	212
Analysis of Flood Discharge of Wae Mese Watershed, in Labuan Bajo using the Snyder Hydrograph Synthetic and Soil Conservation Service Curve Number Unit Hydrograph <i>Pankrasio M. Yudarsi</i>	228
Comparison of CN Values between SNI 4153:2008 with Other Methods in Standard Penetration Test <i>Kasmir Gon, Marsialis Ajis Reno</i>	243
Women as Professional Workers in the Construction Industry: A review of Structural-Cultural Barriers and Their Implication for Sustainable Development <i>Patrisius Valdoni Sandi, Maria Vici Kabelen</i>	270
Linguistics & Communication	
Transitivity Analysis in Prabowo Subianto's Presidential Inaugural Speech: A Critical Discourse Perspective <i>Stanislaus Guna, Yohanes Tresno Kurnianto, Wilhelmina Tantri</i>	281
Beyond The Words: Flouting Maxims in the Dynamics Of EFL Classroom Talk <i>Maria Olga Jelimun</i>	297
The EFL Students' Perception on the Use of Social Media as the Tools of Learning English at UNIKA Santu Paulus Ruteng <i>Rafika Iwu, Stanislaus Guna, Indra Susanto</i>	306
Translation of Neurological Terminology in the @the_brain_doctor Instagram Captions <i>Ni Made Verayanti Utami, Yosefina Helenora Jem</i>	315
The Functions Of Emoticons As Markers Of Bullying In Social Media Comments <i>Yuvantinus Effrem Warung, Antonius Nesi, Felycia Chaska Adan</i>	329

Beyond Rationality: Reimagining Habermasian Public Sphere As A Pedagogical Foundation For Communicative Competence <i>Maksimilianus Jemali</i>	345
 Social Sciences, Psychology & Economy	
The Role of Spatial Ability and Metacognitive Skills in Reducing Cognitive Load in Developmental Psychology Courses <i>Muhammad Riza, Chairun Nasirin, Ismail Nasar</i>	357
Gateway to Disparity: The Tourism-Education-Culture Trilemma and Structural Inequality in West Manggarai Regency (A Political Economy and Sociological Analysis of Regional Development) <i>Marianus Tapung</i>	371
The impact of Social Media on students in Khanh Hoa Province, Vietnam: Current situation and solutions <i>Lam Thi Loan</i>	388
Geography Perspective: Spatial, Social, and Ecological Dimensions of the Manggarai Ritual <i>Erna Mena Niman</i>	402
 Agriculture & Veterinary Science	
Evaluation of Pig Slaughtering at Tuke Slaughterhouse (RPH) on Carcass and Physical Meat Quality <i>Vinsensius Saputra Hardin, Puspita Cahya Achmadi, Yohana Maria Febrizki Bollyn</i>	410
Application of Various Doses of Chicken Manure on the Growth and Production of Japanese Cucumber (<i>Cucumis sativus</i> L. var. Japanese) <i>Tri Astuti, Marlinda Mulu, Matius Safrilus Teor</i>	425
The Effect of Chicken Manure Application on the Growth and Yield of Celery (<i>Apium graveolens</i> L.) <i>Jessyca Putri Choirunnisa, Dewi Rofita, Ludgardis Mulyanti Ajut</i>	432
Evaluation of the Success of Artificial Insemination in Bali Cattle in Borong, East Nusa Tenggara <i>Bernadius Mariano Djamin, Maria Tarsisia Luju, Yohana Maria Febrizki Bollyn</i>	442
 Mathematics & Digital Trends	
Global Trend Digital Teaching Material For Improving Critical Thinking Skill: A Bibliometric Analysis (2016-2026) <i>Elisabeth Irma Noviant Davidi, Yuliana Wahyu, Kanisius Supardi</i>	451
The Effect of Metacognitive Guidance Assisted by Rich Mathematical Tasks on Mathematical Representation Ability in Terms of Students' Initial Ability <i>Arnoldus Helmon, Eliterius Sennen, Mariana Jediut</i>	467
 Culture, Theology & Physical Education	
Catechesis as a Pastoral Strategy for Faith Formation in a Rural Catholic Community in Indonesia <i>Agustinus Manfred Habur, Yasinta Sanjaya, Fransiskus Nala K. Udu</i>	481

Theological Analysis of Manggarai Traditional Marriage Rituals: An Ethnographic Study In Wae Rii Village, Manggarai Regency <i>Theofilus Acai Ndorang</i>	489
The Effect of Timorese Traditional Games Siki Doka and Gobak Sodor on the Physical Fitness of Elementary School Students <i>Timoteus Ajito, Made Agus Dharmadi, I Ketut Suidiana, I Ketut Iwan Swadesi</i>	504