



WPUIS26

TENTATIVE PROGRAMME

8 - 9 OCTOBER 2026



Symposium Sub-Themes

- **ST1: AI for a Resilient and Sustainable World** – Agriculture, energy, rural wellbeing, climate resilience and sustainable growth.
- **ST2: Human-Centered AI Grounded in Indigenous Knowledge, Ethics, Trust, and Inclusion** – Indigenous knowledge, ethics, trust, inclusion, language, culture and localisation.
- **ST3: Digital Innovations: Transforming Industries by 2030** – Industry transformation, e-commerce, fintech, security, digital ecosystems and growth by 2030.
- **ST4: Practices and AI Technologies/Tools for Teaching, Learning, and Research** – Tools and practices for teaching, learning, assessment, research and micro-credentials.

Day 1: Thursday, 8th October 2026

Focus: Opening, Keynote, Panel 1, and all Onsite Research presentations.

Time	Programme	Venue	Hosted by
8:30 – 9:00 AM	Registration and arrival of participants; symposium packs and programme distributed	Front Balcony	Registration Team
9:00 – 9:10 AM	Welcome: National Anthem and Pledge	Auditorium	SRC (student representative)
9:10 – 9:25 AM	Opening Remarks: Dr. Stanis Malangen (VP Research & Innovation)	Auditorium	MC/Chairperson WPUIS26
9:25 – 9:45 AM	Keynote Address: Ms. Seema Dass Raju (Chief Risk & Compliance Officer, Nambawan Super)	Auditorium	MC – Mr. Havea Daure
9:45 – 10:00 AM	Morning Refreshment Break	Front Balcony	Events / Catering Team
10:00 AM – 12:00 PM	Panel Discussion 1 & Open Forum: 'Bridging Technology and Culture: Ethics, Trust, and Human-Centered AI'	Auditorium	Moderator: Ms. Calista Hamadi / Joyce Jerry
12:00 – 1:00 PM	Lunch Break	Rear Balcony	Events / Catering Team
1:00 – 4:10 PM	Onsite Research Paper Presentations (20 mins each)	Auditorium	Moderators / Technical / Events / ICT
4:15 – 4:30 PM	Day 1 Wrap-up and Announcements	Auditorium	Events / Co-Chair Committee

Panel Discussion 1 Details

Theme: “Bridging Technology and Culture: Ethics, Trust, and Human-Centered AI in Pacific and Emerging Economies”

#	Panelist	Role / Affiliation	Mode
1	Dr. N. Suresh Babu	Senior Lecturer, University of Papua New Guinea	Virtual
2	Ms. Seema Dass Raju	Chief Risk and Compliance Officer, Nambawan	Onsite

3	Dr. Sasi Kumar	Senior Lecturer, Institute of Business Management University (IBMU)	Onsite
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Day 1 — Onsite Research Paper Presentations

Session Metadata: 1:00 – 4:10 PM | 20 Minutes per Paper (with 5-minute changeovers) | Venue: Auditorium

Panel Evaluation: Moderator: Dr. Adesegun Titus | Judges: Dr. Stanis Malangen and Dr. Amuthageetha Nagarajan

Time	Presenter(s) & Affiliation	Paper Title
1:00 – 1:20 PM	Mrs. Shamone Iggie Kalakulu Lecturer, Center for Foundation Studies, WPU	Experiences of Using an AI-Integrated Learning Management System at Western Pacific University of Papua New Guinea
1:25 – 1:45 PM	1. Dr. J. Shaik Dawood Ansari (HOD, Cyber Security) 2. Dr. Sheik Kamaludeen (Senior Lecturer, WPU)	Cybersecurity of IoT Devices in Educational Environments: An Empirical Network Traffic Anomaly Detection Study
1:50 – 2:10 PM	Mr. Augustine Mara Lecturer, Center for Foundation Studies, WPU	Bridging Prior Mathematical Knowledge and AI-Assisted Learning: Enhancing Foundation Mathematics Achievement at WPU
2:15 – 2:35 PM	Dr. T. Subramanian HOD, Department of International Business & Management, WPU	Accounting and Financial Reporting for Digital Assets: Bridging Theory and Real-World Requirements
2:40 – 3:00 PM	Ms. Calista Hamadi Lecturer, Center for Foundation Studies, WPU	Teaching AI Literacy in Western Pacific University Foundation Year Studies: Language, Culture, Gender & Localization Challenge
3:05 – 3:25 PM	1. Dr. Sheik Kamaludeen Zahirudeen 2. Dr. J. Shaik Dawood Ansari (WPU)	Challenges in Digital Banking and AI-Based Fraud Detection in Papua New Guinea
3:30 – 3:50 PM	Dr. Joseph Yakale Senior Lecturer, Dept of International Business & Mgmt, WPU	Impact of Inflation on Rural Wellbeing of Papua New Guinea

Day 2: Friday, 9th October 2026

Focus: Panel 2, Virtual research presentations parallel tracks, workshop and closing.

Time	Programme	Venue	Hosted by
8:00 – 8:10 AM	Registration and arrival of participants	Front Balcony	Registration Team
8:10 – 8:20 AM	Welcome Remarks	Auditorium	MC / SRC / Chair WPUIS26
8:20 – 8:40 AM	Morning Refreshment Break	Front Balcony	Events / Catering Team
8:40 – 10:40 AM	Panel Discussion 2 & Forum: 'Digital Transformation, AI and Smart Ecosystems'	Auditorium	Moderator: Ms. Faustina Kepea
10:45 – 11:45 AM	Lunch Break	Rear Balcony	Events / Catering Team
12:00 – 2:20 PM	Virtual Research Paper Presentations (Sessions A & B)	Parallel Sessions	Moderators / Technical Hub / ICT
2:30 – 3:30 PM	Workshop — Micro-Credentials in Teaching and Learning	LearnX Room	Dr. A. Nagarajan & Mr. Nathan Andy Kwasam
3:30 – 3:45 PM	Judge Remarks and Presentation Ceremony	Auditorium	Judging Team / Ms. Joyce Jerry
3:45 – 4:00 PM	Closing Remarks	Auditorium	Symposium Organizing Committee
4:00 – 4:10 PM	Symposium Concludes / Tea / Photoshoot	Auditorium	Events / Corporate Media Team

Panel Discussion 2 Details

Theme: “Digital Transformation: Leveraging AI and Smart Ecosystems for Sustainable Growth and Education”

#	Panelist	Role / Affiliation	Mode
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1	Prof. Janet Bulumaris Rangou	President, Western Pacific University	Onsite
2	Mr. Solomon Wesley Sau	CEO, PNG Cyber Security Limited	Onsite
3	Ms. Priscilla Kevin	Co-founder, PNG Digital ICT Cluster	Virtual

Day 2 — Virtual Presentations Parallel Sessions

Session Instructions: Commencing at 12:00 PM onwards | 20 minutes per paper | 5-minute changeovers

Session A — Online & LearnX Training Room Support Hub

Panel: Moderator: Dr. Amuthageetha Nagarajan | Judges: Dr. Joseph Yakale and Dr. Stanis Malangen

Time	Presenter(s) & Affiliation	Paper Title
12:00 – 12:20 PM	Mr. Vignesh Palaniappan IGNOU, New Delhi, India	A Reproducible Computational Pipeline for Short-Term Electricity Demand Forecasting Using Solar Environmental Variables...
12:25 – 12:45 PM	Mr. Vishal. U, Prof Dr. P. Jegadeeshwari, Prof Dr. V. Amudha Dr. M.G.R Educational & Research Institute, India	Low-Power Design and Comparative Performance Evaluation of Single-Stage and Two-Stage CMOS Operational Amplifiers in 45-nm Technology
12:50 – 1:10 PM	Mr. Sivakumar. N, Prof Dr. A. Sudhaman, Prof Dr. V. Amudha Dr. M.G.R Educational & Research Institute, India	ASIC Design and Physical Implementation of a 64-Bit Digital Processor Core
1:15 – 1:35 PM	Dr. Rajasekaran, Asst Prof Dr. R. Stephen, Dr. P. Sakthi Murugan (CHRIST Univ) / Dr. Thilagaraj (Jain Univ)	Generative AI-Driven DevOps: A Human-in-the-Loop Framework for Intelligent Software Delivery
1:40 – 2:00 PM	Ms Angel Marie D. Gonzales & Mr Ali G. Mamacalay Wesleyan University, Philippines	Redefining Work and Building Organizational Agility Through Artificial Intelligence of Selected Financing Institutions

Session B — Online & Auditorium Hub

Panel: Moderator: Dr. Immanuel Aquino | Judges: Dr. Adesegun Titus and Prof. Ludmilla Salonda

Time	Presenter(s) & Affiliation	Paper Title
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12:00 – 12:20 PM	1. Dr. Noorzarieth Sofeia Noordin (SIUC, Malaysia) 2. Dr. Amuthageetha Nagarajan (WPU, PNG)	Principles of Assessment Design for Automated Quiz-Based Learning Systems: A Thematic Literature Review
12:25 – 12:45 PM	A/Prof Dr S.Mekala & Mr. R.Rakul Ram KPR College Of Arts Science & Research, India	From Knowledge Discovery to Scholarly Impact: AI-Enabled Teaching, Learning, Research in Resource-Constrained Pacific Higher Education
12:50 – 1:10 PM	A/Prof Dr S.Mekala & Mr. Udad Chadoli KPR College Of Arts Science & Research, India	Transforming Smallholder Agriculture with AI: Precision Technologies for Food Security in Pacific Contexts
1:15 – 1:35 PM	Dr. R. Vennila Jain (Deemed to be) University, Bangalore, India	AI-Driven E-Commerce in the Pacific: Bridging Digital Divides for Sustainable Trade in Southern Highlands Province
1:40 – 2:00 PM	Asst Prof Dr. S. Krithika & Asst Prof Dr. S. Usharani Presidency University, Bengaluru, India	Adaptive Multi-Objective Q-Learning for Dynamic Robot Navigation Using MDP-Based 3D Path Planning
2:05 – 2:25 PM	Asst Prof K. Jagannathan Kristu Jayanti, Bengaluru, India	Consumer Experiences with Augmented Reality: Effects on Purchase Engagement and Satisfaction
2:30 – 2:50 PM	Dr. Joseph Yakale Western Pacific University, PNG	Determinants Of Economic Wellbeing In Papua New Guinea
2:55 – 3:15 PM	Dr. Sheik Kamaludeen Zahirudeen Western Pacific University, PNG	Exploring the Opportunities for Business Process Outsourcing in Papua New Guinea

Venues and Participation Logistics Guide

- **Auditorium, WPU Digital Library:** Main plenary hub, opening protocols, official keynote, Panel 1, onsite research tracks, and closing synthesis.
- **LearnX Training Room (1st Floor):** Command center for Day 2 virtual tracking support and the interactive technical micro-credentials workshop setup.
- **Front Balcony Hub:** Delegate badge distribution, informational packets, and daily morning coffee refreshment intervals.
- **Rear Balcony Wing:** Midday networking oasis and luncheon hospitality catering for all physically present delegates.
- **Students' Mess Facility:** Official Day 1 evening networking banqueting and welcoming dinner for university faculty and invited dignitaries at 6:00 PM.



Western Pacific University

Pro Dio et Patria

Thank you for being part of WPUIS26

Digital Futures 2030: AI, Sustainability and Human-Centered Innovations

ENQUIRIES

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