

CHERRY D. CASUAT

Assistant Professor

Polytechnic University of the Philippines

1. Academic Leadership

- Faculty member in Computer Engineering at Polytechnic University of the Philippines (2023–present), delivering graduate and undergraduate instruction.
- LMS Coordinator at PUP Manila (2025–present), overseeing implementation and administration of the university’s Learning Management System across campuses.
- Former Faculty in Computer Engineering at Pamantasan ng Cabuyao (2022–2023), Technological University of the Philippines (2021–2022), Adamson University (2020–2021), and Technological Institute of the Philippines (2012–2020).
- Director of Knowledge Management and Innovation Department, Pamantasan ng Cabuyao (2022–2023), spearheading institutional knowledge strategies and innovation initiatives.

2. Specialized Expertise

- Doctor of Engineering with specialization in Computer Engineering, Technological Institute of the Philippines (2016–2020).
- Master of Engineering in Computer Engineering, Adamson University (2007–2010).
- Bachelor of Science in Computer Engineering, Technological Institute of the Philippines (1997).
- Expertise in artificial intelligence, IoT, smart systems, machine learning, and knowledge management.

3. International Representation

- Awarded 2nd Best Research Paper in Engineering and Science Research track at ICHESMET 2023, Bangkok, Thailand.
- Awarded 2nd Place in IEOM Supply Chain and Logistics Competition, 7th European IEOM Conference, Augsburg, Germany (2024).
- Active participant and resource speaker in international conferences including ICBEIST 2025 and ICHESMET 2024.
- Engages in global collaborations through IEEE and other professional organizations.

4. Research Productivity

- Published multiple peer-reviewed papers on AI, IoT, smart systems, and employability prediction.

- Research contributions indexed in Scopus and Google Scholar, emphasizing applied AI, smart systems, and educational technology.

5. Editorial & Peer Review Experience

- Active international reviewer of IEEE conference papers.
- Serves as thesis/dissertation adviser and panelist in graduate research colloquia and defenses.
- Provides peer review and evaluation of technical manuscripts in computer engineering and ICT.
- Engages in editorial initiatives within professional organizations, supporting research ethics and quality assurance.

6. Engagement in Policy & Practice

- Treasurer, Mechatronics and Robotics Society of the Philippines (MRSP) NCR Chapter.
- Lifetime member of ICpEP and MRSP; affiliate member of IECEP.
- Associate member of IEEE, IEEE Control System Society, and DOST-NRCP Division VII Engineering.
- Member of Analytics and AI Association of the Philippines and Philippine e-Learning Society.
- Serves as resource speaker and trainer for DICT Region V, SUCs, and professional organizations on AI, ICT, and computer engineering.
- Promotes digital transformation, technology-enhanced learning, and ethical AI practices in academia and industry.