

ARVIN R. DELA CRUZ

Chairperson | Research and Extension Chief
Polytechnic University of the Philippines

1. Academic Leadership

- Serves as Chairperson for the Master of Science in Computer Engineering program of PUP as well as the Chief of Research and Extension at PUP Graduate School, managing operations, research services, academic journal oversight, and fostering academe–industry–government collaborations.
- Former College Dean of Computer Studies at UPHS DALTA, supervising faculty, curriculum development, and student advancement while strengthening academic–industry linkages in ICT and engineering.
- Extensive teaching experience at PUP, Rizal Technological University, Far Eastern University, and University of Santo Tomas, mentoring graduate and undergraduate students in ICT, engineering, and management.

2. Specialized Expertise

- Holds a Ph.D. in Management with distinction, alongside advanced degrees in Management Engineering and Information Technology, reflecting strong interdisciplinary academic foundations.
- Currently pursuing a Ph.D. in Computer Engineering by Research, focusing on applied innovations bridging computing, engineering, and scientific problem-solving.
- Recognized ICT professional with extensive practice in software development, web systems, instructional technology, and digital transformation for academic and industry applications.
- Certified Network Security Associate (NSE 1 & 2) and Scrum Foundation practitioner, ensuring expertise in secure systems, agile methodologies, and project management.

3. International Representation

- Active participant and presenter in international conferences such as WCASET, ICAMEROB, and ICTEMR, showcasing research in ICT, engineering, and applied sciences.
- Serves as International Reviewer for Elsevier’s *e-Prime – Advances in Electrical Engineering, Electronics and Energy*, contributing to global peer review standards.
- Member of the Digital Transformation Committee of AUAP, advancing initiatives on ICT integration and innovation across universities in Asia and the Pacific.
- Awarded Best Presenter in multiple international conferences and recognized as Outstanding Professional by MRSP for contributions to mechatronics and robotics education.

4. Research Productivity

- Published numerous peer-reviewed articles on ICT, robotics, engineering innovations, e-learning systems, and applied sciences in local and international journals.
- Research projects include assistive technologies for persons with disabilities, renewable energy systems, robotics applications, and digital learning platforms for education.
- Advises and evaluates graduate and undergraduate theses, ensuring methodological rigor, applied relevance, and alignment with outcome-based education frameworks.
- Strong involvement in applied research and innovation, bridging theoretical foundations with practical solutions for industry and community development.

5. Editorial & Peer Review Experience

- Editorial Board Member of *The Journal of Smart Technology and Artificial Intelligence* and *The Journal of Computing and Technology*.
- Member of scientific and technical committees for international research conferences, contributing to program design, peer review, and scholarly evaluation.
- Provides peer review for ICT and engineering manuscripts, ensuring academic rigor, methodological soundness, and global relevance in published works.

6. Engagement in Policy & Practice

- National President, Mechatronics and Robotics Society of the Philippines (MRSP) NCR Chapter.
- Consultant for academic institutions on permits, accreditation, and recognition of ICT, Business, and Engineering programs, guiding compliance with national standards.
- Resource speaker in ICT, business, and engineering seminars, delivering training on digital transformation, project management, and instructional technology.
- Actively involved in national organizations such as ICpEP, PSITE, and PCS, contributing to policy development and professional practice in ICT education.