



Mindanao Natural Language Processing Research & Development Laboratory

(Highlights of AY 2025-2026)

3 GOOD HEALTH
AND WELL-BEING



4 QUALITY
EDUCATION



10 REDUCED
INEQUALITIES



17 PARTNERSHIPS
FOR THE GOALS



Brown-Bag-Sessions



January 23, 2026



February 5, 2026



February 21, 2026



March 12, 2026



March 16, 2026



April 15, 2026

Brown Bag Sessions are informal knowledge-sharing gatherings where our **student interns** at the lab come together to **discuss ideas, present ongoing work, exchange insights, and learn from one another** in a relaxed and collaborative setting. These sessions promote continuous learning, interdisciplinary dialogue, and a stronger culture of research and innovation.

March 29, 2026

Partnership

Community Engagement

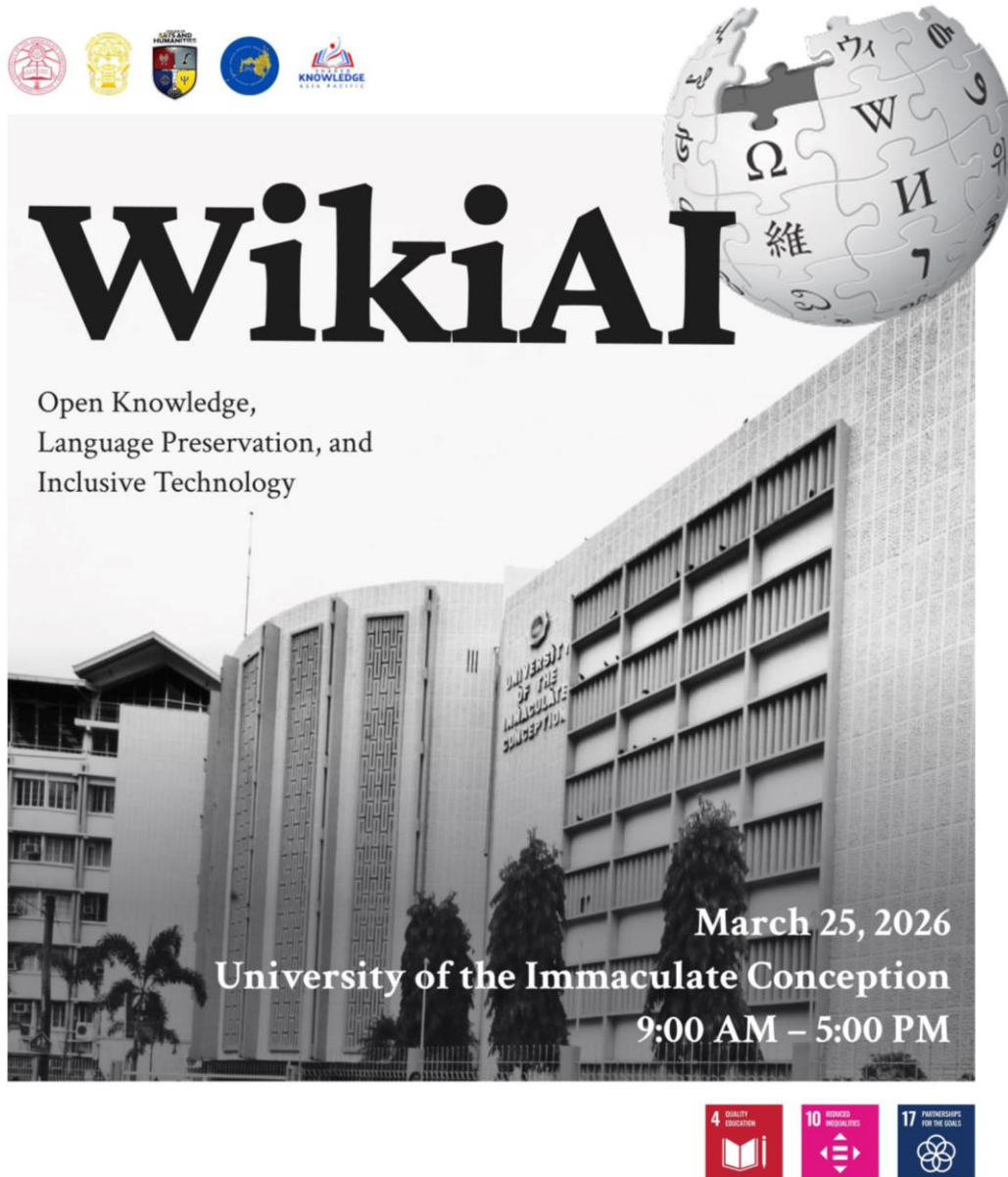


MinNa LProc's senior student researcher, **Ms. CJ Te**, shared her NLP journey at the **Python Girl Boss: Thriving in Tech** event organized by **DurianPy**. In her talk, she reflected on her experiences in Natural Language Processing, highlighting both the challenges and opportunities she encountered as a young researcher in the field. Her story offered valuable insights into navigating research, building technical skills, and pursuing impactful work in AI, while inspiring fellow participants—especially women in tech—to explore and thrive in the evolving landscape of computing.

March 25, 2026

Partnership

Community
Engagement



MinNa LProc initiated *WikiAI* initiative, in partnership with **Shared Knowledge Asia Pacific**, the **College of Computer Studies**, and the **College of Arts and Humanities**, supporting the integration of Artificial Intelligence in advancing open knowledge ecosystems.

Through this engagement, the lab contributed to discussions and activities focused on leveraging AI to improve content creation, translation, and accessibility across diverse languages, particularly for underrepresented and low-resource communities.

The initiative aligns with MinNa's mission of promoting inclusive, community-driven language technologies and strengthening digital presence for Philippine languages.

March 7, 2026

Partnership

Community
Engagement

Project Exhibit



MinNa LProc showcased its NLP-powered applications during the **UIC University Fair 2026**, highlighting the role of language technologies in preserving Philippine languages and advancing inclusive, community-centered Artificial Intelligence. The exhibit featured innovative tools and systems developed by the lab, demonstrating how AI can be harnessed to address real-world needs while promoting linguistic diversity and accessibility. The event also provided an opportunity to engage with students, faculty, and stakeholders, fostering greater awareness and appreciation of NLP research and its societal impact.

March 5-7, 2026

Research
Collaboration

Partnership



Republic of the Philippines
DEPARTMENT OF SCIENCE AND TECHNOLOGY
**PHILIPPINE COUNCIL FOR INDUSTRY, ENERGY AND
EMERGING TECHNOLOGY RESEARCH AND DEVELOPMENT**
*Sanggunian ng Pilipinas para sa Pananaliksik at Paggapaunlad ng
Industriya, Enerhiya at Bagong Teknolohiya*



24 February 2026

MS. KRISTINE MAE M. ADLAON
Research Faculty
University of the Immaculate Conception
297 A. Pichon St, Poblacion District,
Davao City, 8000 Davao del Sur

Dear **Prof. Adlaon**:

Warm greetings.

We are pleased to formally invite you to participate in the Focus Group Discussion (FGD) and Writeshop on Large Language Models (LLM) and Natural Language Processing (NLP) on 05 - 06 March 2026. The activity will be conducted onsite in Metro Manila, with the exact venue to be announced through a separate advisory.

The primary objective of the writeshop is to finalize the proposed LLM and NLP Program by refining its scope, identifying priority components, and preparing the necessary technical and supporting documents for submission. The activity will likewise serve as a platform to identify and engage key collaborators from academia, industry, and government, thereby strengthening the program framework and its implementation strategy.

Given your expertise and contributions in the field, your insights will be invaluable in ensuring that the program is technically robust, strategically aligned with national priorities, and responsive to current and emerging developments in LLM and NLP.

Airfare (if applicable), accommodation, and meals will be provided in accordance with existing guidelines.

We look forward to your participation. Further details regarding the agenda and venue will be shared in due course.

Thank you, and we look forward to your favorable response.

Very truly yours,



Philippine Council for Industry, Energy and Emerging
Technology Research and Development
IN REPLYING PLEASE CITE

0-26-0225-45
Processed on: 02.25.26 / 3:57:17 PM

MS. MARY GRACE G. BUENAVIDES, RCh
Chief Science Research Specialist, ITDD, and
Officer-In-Charge, Office of the Executive Director



**KRISTINE MAE
ADLAON**
University of the Immaculate Conception

- Project language and lexicography
- FilWen development semantic
- Interdisciplinary Project Philippine code-writing aids.
- Project iWag: A mobile web-based bidirectional neural machine translation system between Filipino and Cebuano.
- Multi-lingual Chatbot for Health Monitoring: A healthcare chatbot that accepts voice input and responds in Filipino and Bisaya, aiding communication in healthcare contexts.
- MinNa-LProc (Mindanao Natural Language Processing Lab) at the University of the Immaculate Conception: A regional lab focused on documenting and processing endangered Mindanao languages (Manobo, Mansaka, Kalagan) using NLP approaches—including machine translation and dialogue systems.
- Sowara Meranaw (New Project): This aims to develop a spoken language corpus for Meranaw to promote research on the Meranaw language and provide data for linguistic analysis and for the development of speech language technologies.

These projects demonstrate that DOST-PCIEERD is building on existing efforts, bringing them together into a unified national program.

Ms. Kristine Mae Adlaon was formally invited by the Philippine Council for Industry, Energy, and Emerging Technology Research and Development (DOST-PCIEERD) to participate in a Focus Group Discussion (FGD) and Writeshop on Large Language Models (LLM) and Natural Language Processing (NLP). The activity aims to refine the national program framework, identify priority components, and strengthen collaboration among academia, industry, and government in advancing AI and language technologies in the Philippines.

March 5, 2026

Partnership



Atty. Joey Ochave, President of Unilab Education, visited the MinNa LProc Lab to learn more about its ongoing research and innovations in Natural Language Processing and Artificial Intelligence. The visit provided an opportunity to exchange insights on education-driven technologies and explore potential collaborations that can further strengthen the development of AI solutions for learning and community impact.

February 25-27, 2026

Partnership

Community
Engagement

Project Exhibit



MinNa LProc participated in the **CHED RAISE 2026 Exhibit**, highlighting MinNa's cutting-edge research and technological innovations in Natural Language Processing and Artificial Intelligence. The exhibit provided an opportunity to **present the lab's work on language resource development, AI-driven applications, and community-centered technologies**, while engaging with researchers, industry stakeholders, and partner institutions to foster collaboration and knowledge exchange.



February 13, 2026

Partnership



Delegates from the **National Academy of Science and Technology (NAST)** visited the MinNa LProc Lab. The visit served as a platform to present the lab's work in Natural Language Processing and Artificial Intelligence, particularly in developing technologies for low-resource and underrepresented Mindanao languages, while fostering meaningful dialogue on potential collaborations and future directions.

February 13, 2026

Recognition



One of the homegrown systems of MinNa LProc, **ANNA (AI-powered Navigation for Nurturing Aspirations)**, has been formally supported by the Regional Development Council XI through an approved resolution. This recognition affirms the relevance and impact of ANNA as a career guidance and psychological well-being platform, highlighting its potential to support education, workforce development, and community empowerment in the region.

The endorsement further strengthens the initiative's role in advancing AI-driven, locally grounded solutions that address real-world needs in guidance, mental health, and student development.

February 12, 2026

Partnership

Community
Extension



As part of UIC's ongoing partnership with the **City Health Office**, the **MinNa LProc team**, in collaboration with **ANIAG IT Solutions**, conducted discussions on the development of a profiling tool for the CHO, named ePhilPen. The initiative aims to support data-driven decision-making and improve the efficiency of health profiling and monitoring systems, contributing to more responsive and evidence-based public health services.

January 23, 2026

Mentorship

Research
Writeshop



Dr. Maria Eva San Juan served as mentor and domain expert during the writeshop for the study *ScanSeta*, in preparation for its submission to the Regional Health Research and Development Consortium (RHRDC) Call for Proposals.

Her guidance provided valuable insights in refining the study's technical direction, strengthening its research framework, and ensuring alignment with health research priorities, contributing significantly to the overall quality and readiness of the proposal.



University of the
Immaculate Conception
College of Computer Studies

CONGRATULATIONS!

Benchmarking Vision–Language
Models for **Handwritten Drug
Name** Recognition

*8th Artificial Intelligence and Cloud Computing
Conference
(AICCC 2025)*

December 20 - 22, 2025 | Tokyo, Japan




Association for
Computing Machinery


SUSTAINABLE
DEVELOPMENT
GOALS
3 GOOD HEALTH
AND WELL-BEING
17 PARTNERSHIPS
FOR THE GOALS

Researchers



Princess Mae Tulod
BS Computer Science - 4A



Princess Micah Espinosa
BS Computer Science - 4A



Jericho Opsima
BS Computer Science - 4A



Assoc. Prof. Kristine Mae Adlaon
Faculty, CCS

MinNa LProc celebrates the acceptance of the research titled “**Benchmarking Vision–Language Models for Handwritten Drug Name Recognition**” at the **Artificial Intelligence and Cloud Computing Conference 2025**. The study explores the application of advanced AI techniques, particularly vision–language models, in improving the accuracy and reliability of recognizing handwritten drug names—an essential task in healthcare settings.

December 12-14, 2025

Research
Presentation

Knowledge
Sharing

  **University of the Immaculate Conception**
MinNa LProc Research & Development Laboratory

CONGRATULATIONS!

Evaluating Pre-Trained Automatic Speech Recognition Models for **Cebuano-Binisaya Nutritional Educational Videos**

9th International Conference on Natural Language Processing and Information Retrieval (NLPIR 2025)

December 12 - 14, 2025 | Fukuoka, Japan

Authors



Angelo Alfonso Tesoro
Master in Information Technology



Assoc. Prof. Kristine Mae Adlaon
Faculty, CCS

MinNa LProc celebrates the acceptance of its research on evaluating pre-trained automatic speech recognition models for Cebuano-Binisaya nutritional educational videos at the **9th International Conference on Natural Language Processing and Information Retrieval (NLPIR 2025)**. This work highlights the lab's continued efforts in advancing speech and language technologies for local and low-resource languages, contributing to more accessible and inclusive AI-driven educational solutions.



University of the
Immaculate Conception
College of Computer Studies

CONGRATULATIONS!

Evaluating the Performance of Large Language Models for **Filipino** and **Cebuano** Machine Translation

9th International Conference on Natural Language Processing and Information Retrieval (NLPIR 2025)

December 12 - 14, 2025 | Fukuoka, Japan



Researchers



Charlese Jeanrie Te
BS Computer Science - 4A



Shaira Lorraine Montojo
BS Computer Science - 4A



Al Gabriel Orig
BS Computer Science - 4A



Assoc. Prof. Kristine Mae Adlaon
Faculty, CCS

MinNa LProc celebrates the acceptance of its research on evaluating the performance of Large Language Models for Filipino and Cebuano Machine Translation at the 9th International Conference on Natural Language Processing and Information Retrieval (NLPIR 2025). This study highlights the growing role of advanced language models in improving translation quality for low-resource and morphologically rich Philippine languages, contributing to more inclusive and linguistically aware AI systems.

November 24, 2025

Partnership

Knowledge
Sharing

Community
Engagement



Session 2:



**Digital Textile
Technologies**

24 NOVEMBER 2025 | 1:00 PM - 4:00 PM



Session Chair/Moderator:

Ms. Irene Subang

Faculty and Fashion Designer
iAcademy



Kristine Mae M. Adlaon

Associate Professor
University of Immaculate Conception

*Deep Learning for the Recognition, Preservation,
and Generation of Cultural Textiles*



Mr. Jesson O. Capuchino

Fashion Educator & Industry Practitioner
iAcademy

*Virtual Threads: Integrating 3D, AI, and Digital Fashion
in Textile Education and Research*

Assoc. Prof. Kristine Mae M. Adlaon served as a speaker during the 2025 Philippine Textile Congress, where she presented her talk titled “Deep Learning for the Recognition, Preservation, and Generation of Cultural Textiles.” The presentation explored how advanced AI techniques can be leveraged to support the preservation of cultural heritage, particularly in analyzing, documenting, and generating textile patterns. The session also fostered interdisciplinary discussions on the intersection of artificial intelligence, design, and cultural studies, emphasizing the potential of technology in sustaining and innovating traditional practices.

November 12, 2025

Partnership

Knowledge
Sharing

Community
Engagement



UNIVERSITY of the
IMMACULATE CONCEPTION
Davao City, Philippines



**UIC Engages in RRDIC XI Meeting, Presents
ANNA: An AI-Powered Career Guidance and
Psychological Well-Being Platform**



www.uic.edu.ph

MinNa LProc presented **ANNA**, an AI-powered career guidance and psychological well-being platform, during the **RRDIC XI Meeting**. The presentation highlighted the platform's role in **addressing gaps in guidance counseling** by leveraging Artificial Intelligence to support career navigation and mental well-being. It also emphasized the system's potential to contribute to scalable, data-driven solutions aligned with regional and national priorities in education and public service.

November 6-8, 2025

Partnership

Research



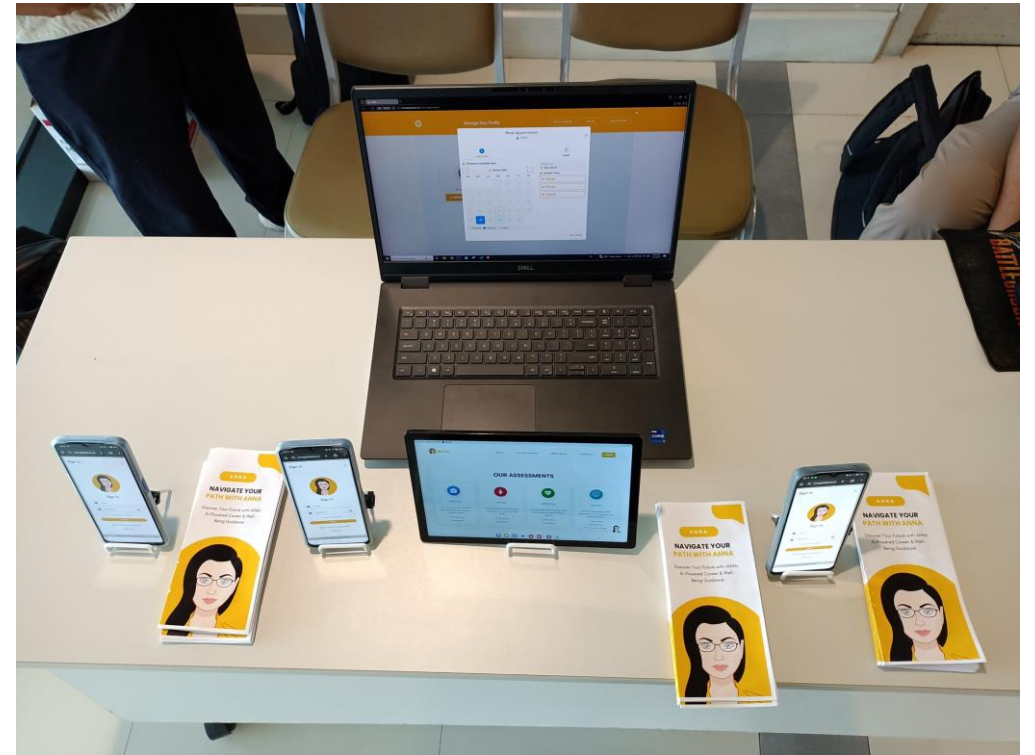
Assoc. Prof. Kristine Mae M. Adlaon actively participated in the Department of Science and Technology - National Research Council of the Philippines Capability Advancement through Scientific Capacity Development Program. The engagement provided valuable opportunities for professional growth, particularly in developing skills for writing impactful policy briefs and evidence-based recommendations that can contribute to research-informed decision-making and national development.

October 22-24, 2025

Partnership

Community
Engagement

Project Exhibit



MinNa LProc had the privilege of showcasing ANNA, an AI-powered career guidance and psychological well-being platform, at the Teknolunas 2025. The presentation highlighted the system's potential to support mental health and guidance services through innovative, technology-driven approaches.

October 3, 2025

Research



Assoc. Prof. Kristine Mae M. Adlaon participated in the **15th Health R&D Expo** organized by the Regional Health Research and Development Consortium XI. She presented the preliminary findings of the research exploring on whether **Generative AI can serve as an interpretive partner for structured psychological well-being assessments**. The engagement highlighted the potential of emerging AI technologies in advancing mental health research and evidence-based healthcare innovation.

September 25-27, 2025

Partnership

Community Engagement

Project Exhibit



MinNa LProc actively participated in **the Regional Science and Technology Week 2025 (RSTW 2025)**, where the laboratory proudly showcased its cutting-edge Natural Language Processing (NLP) technologies. The event provided a valuable platform to engage with researchers, industry partners, students, and the broader community, fostering awareness and appreciation of language technologies.

Through this participation, MinNa not only demonstrated its technical capabilities but also reinforced its commitment to advancing inclusive, community-centered innovations in Artificial Intelligence.

September 13, 2025

Partnership



MinNa welcomed **Dr. Marc Francis Labata** from the **Philippine Council for Industry, Energy, and Emerging Technology Research and Development** to present the recent accomplishments of the MinNa LProc Lab. The session provided an opportunity to highlight the laboratory's ongoing initiatives, key research outputs, and milestones in advancing Natural Language Processing and Artificial Intelligence for local and low-resource languages. It also fostered meaningful discussions on future directions, sustainability, and continued support for impactful research aligned with national priorities.

September 11, 2025

Partnership

Research
Collaboration



Dr. Rey Torrejos and his team from the Philippine Textile Research Institute visited the MinNa LProc Lab to explore potential opportunities for research collaboration. The visit served as a valuable platform for knowledge exchange, where both teams discussed possible intersections between textile innovation and language technologies, as well as identified areas for joint research initiatives.

August 26, 2025

Knowledge
Sharing

Mentorship



MinNa warmly welcomed **Dr. Jordan Deja of De La Salle University**, who graciously shared his experiences as a researcher and delivered an insightful lecture on Human-Computer Interaction. His talk provided valuable perspectives on designing user-centered technologies and highlighted the importance of integrating human factors into computing systems.

August 23, 2025

Community
Engagement

Knowledge
Sharing

Mentorship



The poster features a dark green background with yellow and green leaf patterns. At the top center is the DurianPy logo. Below it, the title "AI ENGINEERING WORKFLOW" is written in large white and yellow letters. The poster is divided into two main sections. The top section features a portrait of Kristine Mae Adlaon, with the text "FROM PROTOTYPE TO PRODUCTION NLP Ops with Python" and her credentials: "Kristine Mae Adlaon | Research Faculty | Head of Research @UIC | Mindanao Natural Language Processing R&D Lab". The time "1:00 PM - 3:00 PM" is listed below. The bottom section features a portrait of Tirso Benedict Naza, with the text "BUILD YOUR FIRST AI Agent with LangGraph" and his credentials: "Tirso Benedict Naza | AI Engineer | Member @SPARCS". The time "3:15 PM - 5:15 PM" is listed below. At the bottom center, the date and time "Aug 23, 2025 | 12:30 PM - 5:00 PM" are displayed. In the bottom left corner, the "Venue Partner" logo for "mugna" is shown.

DurianPy

AI ENGINEERING WORKFLOW

FROM PROTOTYPE TO PRODUCTION
NLP Ops with Python
Kristine Mae Adlaon | Research Faculty |
Head of Research @UIC | Mindanao
Natural Language Processing R&D Lab
1:00 PM - 3:00 PM

BUILD YOUR FIRST
AI Agent with LangGraph
Tirso Benedict Naza | AI Engineer
Member @SPARCS
3:15 PM - 5:15 PM

Aug 23, 2025 | 12:30 PM - 5:00 PM

Venue Partner
mugna



Ms. Kristine Mae M. Adlaon was invited to serve as one of the lecturers during AI Engineering Workflow where she shared about NLP Ops with Python: From Prototype to Production.

July 28, 2025

Partnership

Community
Engagement

Knowledge
Sharing



SUSS
SINGAPORE UNIVERSITY
OF SOCIAL SCIENCES

UNIVERSITY of the IMMACULATE CONCEPTION
Davao City, Philippines

Assoc. Prof. Kristine Mae M. Adlaon

University of the Immaculate Conception
(Davao City, Philippines)

Kristine Mae M. Adlaon heads the Mindanao NLP R&D Lab at the University of the Immaculate Conception. She leads DOST-funded projects developing AI solutions for Philippine languages, including neural translation systems and Mindanao's first NLP facility. A Google Women Techmakers Scholar and Computing Society of the Philippines board member, she advocates for inclusive technology and women in computing.

Her research focuses on machine learning applications for preserving low-resource languages, creating equitable AI tools that serve underrepresented linguistic communities while advancing natural language processing capabilities in the Philippines.

iLEAD 2025 CS



PHASE 1

iLEAD 2025 CS

VIRTUAL LECTURE with a theme: Global Synergy in IT Education: Cultivating Innovation, Leadership, and Cultural Exchange
International Leadership, Education, and Development – Computer Studies

SUSS
SINGAPORE UNIVERSITY
OF SOCIAL SCIENCES

UNIVERSITY of the IMMACULATE CONCEPTION
Davao City, Philippines

NATURAL LANGUAGE PROCESSING (NLP) FOR LANGUAGE PRESERVATION AND INDUSTRIAL INNOVATION
EMPOWERING COMMUNITIES, SAVING CULTURES, FUELING GROWTH

Assoc. Prof. Kristine Mae M. Adlaon
Head of Research, Mindanao Natural Language Processing R & D Lab
Research Faculty, College of Computer Studies
University of the Immaculate Conception
kmaadlaon@uic.edu.ph

#UICNEWS

UIC College of Computer Studies Hosts Successful Inaugural Virtual Lecture as part of the iLEAD-CS Program

www.uic.edu.ph

Ms. Kristine Mae M. Adlaon was invited to serve as one of the lecturers during Phase 1 of iLead 2025 of the College of Computer Studies. In this role, she contributed her expertise by engaging participants in meaningful discussions and sharing valuable insights relevant to NLP for Language Preservation and Industrial Innovation.

July 22, 2025

Partnership

Research
Collaboration



MinNa warmly welcomed **Dr. Nathan Ray Alim, Assistant Regional Director** of Department of Science and Technology Region XI, together with his esteemed team, for a productive visit aimed at exploring potential collaborations in Natural Language Processing (NLP) innovations and Artificial Intelligence.

The engagement provided an opportunity to align shared goals, exchange ideas, and identify strategic areas where research and development efforts can be strengthened through partnership. Discussions highlighted the potential of leveraging AI-driven solutions to address real-world challenges, particularly in the context of local languages and community-centered technologies. This initiative marks a meaningful step toward fostering stronger institutional linkages and advancing impactful, collaborative research in the region.

July 10, 2025

Recognition



The University of the Immaculate Conception achieved **Top 24 in Industrial Application (A3)** through its groundbreaking **Mindanao Natural Language Processing Research and Development Laboratory** initiative, reinforcing its commitment to research and innovation that directly address industry needs.

Top 24 globally under Industrial Application (A3) in the **World University Rankings for Innovation (WURI) 2025**

June 24, 2025

Partnership



FELLOWSHIP AGREEMENT

THIS FELLOWSHIP AGREEMENT (hereinafter, this "Agreement") is entered into by and between **PORTULANS INSTITUTE**, a not-for-profit organization (hereinafter, the "Institute"), based at 1015 15th Street NW, Washington DC, 20005, represented by Rafael Escalona Reynoso (CEO), and **Kristine Mae M. Adlaon** resident at **F. Selga St., Davao City** with contact at **kadlaon@uic.edu.ph** and **+639 05 228 8173** (hereinafter, the "Fellow")

WHEREAS, the PI desires to retain certain activities of the Fellow and the Fellow desires to perform such activities for the PI; and

WHEREAS, the Fellow is in the business of engaging in such activities and has agreed to engage in such activities pursuant to the terms and conditions set forth in this Agreement;

NOW, THEREFORE in consideration of the mutual covenants and promises contained herein and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged by the parties hereto, the parties agree as follows:

1. Activities to be performed:

- a. Beginning on **October 1, 2025** (hereinafter, the "Effective Date") and ending on **September 30, 2026** and in an open, non-exclusive manner, the Fellow will engage at her own discretion in the activities described below in the role of PI Fellow:

Project	AI Governance Research Fellowship Program
Role	Fellow

Collection of Language Resources

Kagan (Banaybanay, Davao Oriental)

- 18 Native Speakers
- 13 Enumerators
- 4 Lumon Community Volunteers
- 2,022 collected Parallel Corpus



MinNa team met with **Professor Marine Ragnet**, AI Lead, New York University, Peace Research and Education Program and a Senior Fellow at Portulans Institute to discuss on a possible research fellowship opportunity for MinNa.