

Tripartite initiative seeks climate tech solutions

DE LA SALLE UNIVERSITY (DLSU) HAS ENTERED INTO PARTNERSHIP WITH THE DEPARTMENT OF SCIENCE AND TECHNOLOGY (DOST) AND DEVCON PHILIPPINES to develop the Climate Resilience Technology (CResT) platform, which will focus on creating climate resilience solutions.

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The tripartite collaboration harnesses the technological expertise of DEVCON, the scientific leadership of DOST, and DLSU’s advanced research infrastructure to develop solutions like life-saving early warning systems, expanding access to renewable energy, enhancing disaster resilience, and pioneering reforestation through robotics.

These innovative technologies will be tested, scaled, and implemented across the Philippines, with the potential for adoption in other climate-vulnerable nations.

Long vulnerable to natural disasters, the Philippines is now one of the world’s most

climate-affected nations, making the need for resilient solutions critical. In fact, the World Risk Index has placed the Philippines in the number 1 spot for the most disaster-prone country among 183 countries across the globe.

Recognizing this vulnerability, the partners seek to transform the Philippines from a climate-risk area into a leader in climate solutions.

DOST Secretary Renato Solidum underscored the readiness of the Philippines to lead in global climate action. Devcon Founder Winston Damarillo likewise stressed

that the CReST platform would lay the foundation for a sustainable future.

DLSU President Bernard Oca emphasized the university’s role in research and innovation through Animo Labs. “Our goal for this collaboration is not just to prevent losses of income, time, and productivity, but to also preserve life, spirit, and the unquantifiable,” Br. Bernie said.

First Filipino to win prestigious IEA/Kingfar HFE Research Award

A FACULTY MEMBER FROM THE GOKONGWEI COLLEGE OF ENGINEERING has made history as the first Filipino recipient of the prestigious 2024 IEA/Kingfar Award for Research in Human Factors/Ergonomics Issues, held recently in Jeju, Korea.

The winner, Dr. Ezekiel Bernardo of the Department of Industrial and Systems Engineering, bagged the top prize in the student category for his groundbreaking research in Explainable Artificial Intelligence (XAI), which challenges the very nature of how we interact with technology. The research seeks to transform AI from an enigmatic black box into a transparent ally that users can genuinely understand and trust.

By emphasizing the emotional and affective dimensions of user experience, Bernardo advocates for an end-user-centric design that

not only empowers individuals, especially in developing countries, but also redefines the relationship between humans and machines.

His innovative work highlights the necessity of infusing empathy into AI systems, ensuring they become facilitators of understanding rather than sources of confusion.

The International Ergonomics and Human Factors Association presents the annual IEA/Kingfar HFE Research Award to early career professionals to promote and reward high-quality original research and applications on new and emerging HFE issues or issues specifically related to industrially developing countries, as well as to promote a career path in HFE.



LA SALLE PROF BAGS PRESTIGIOUS GRANT FOR COMPUTATIONAL LINGUISTICS

FOR HER WORK ON DEVELOPING A MULTILINGUAL MACHINE TRANSLATION SYSTEM TAILORED TO SEVEN PHILIPPINE LANGUAGES,

a professor from the De La Salle University (DLSU) College of Computer Studies has been awarded the Imminent Research Grants 2024.

Imminent is a global research center which allocates €100,000 each year to fund five original research projects to explore the most advanced frontiers in the world of language services.

Dr. Charibeth Cheng, who serves as a faculty researcher at the DLSU Advanced Research Institute for Informatics, Computing, and Networking (AdRIC) and Associate Dean of the College of Computer Studies, is the sole recipient from an Asian university. The other winners are from Cambridge University, University College London, and Ionian University.

Conducted under the AdRIC Center for Language Technologies, Cheng's project seeks to enhance communication across the linguistically diverse regions of the Philippines as well as to help preserve and digitally integrate indigenous languages.

The research is expected to have a profound impact, particularly in regions where language barriers have long hindered access to essential services and information. By leveraging advanced natural language processing techniques, her research seeks to enable more inclusive communication platforms, allowing for better integration of indigenous languages into the digital sphere.

With the grant, Cheng is looking at expanding her research, which could serve as basis for influencing language policy, education, and technology development in multilingual settings.

The Imminent Research Grants support projects that demonstrate the potential to address global challenges through innovative solutions, in areas such as linguistic data processing, machine learning algorithms, and human-computer interaction.

For more information, visit:

<https://imminent.translated.com/the-5-innovative-projects-awarded-with-imminent-research-grants-2023>



DLSU hosts Critical Island Studies International Conference

DE LA SALLE UNIVERSITY, THROUGH THE DEPARTMENT OF LITERATURE, hosted the 4th Critical Island Studies International Conference with the theme "The Political Lives of Islands" at the Henry Sy, Sr. Hall last October 3-4.

Organized in partnership with the Office of the Provost and three DLSU research centers, namely, the Jesse M. Robredo Institute of Governance (JRIG), the Bienvenido N. Santos Creative Writing Center (BNSWC), and the Southeast Asia Research Center and Hub (SEARCH), the conference highlighted the collective power and interdisciplinarity of scholars, writers, and philosophers from across the globe.

The two-day hybrid conference featured three keynote speakers. Dr. Dinah Roma, University Fellow and award-winning poet and literary scholar from DLSU, delivered a talk on "Island as

Autotheory: Annotating the Samar Island in the Colonial Imaginary, Tales, and Topography."

Meanwhile, Indonesia's literary scholar on gender and postcolonialism Prof. Melani Budianta of Universitas Indonesia and the Indonesian Academic of Sciences, joined online with a keynote on "Island Politics." South Korean philosopher & professor of cultural studies Dr. Alex Taek-Gwang Lee from Kyung Hee University, tackled the idea of "An Island as 'Lituraterre'."

The Critical Island Studies Consortium (CIS) 2024 conference featured over 100 paper presenters from leading universities in Australia, Canada, China, Finland, Hong Kong, India, Indonesia, Japan, Macau, Philippines, Poland, Singapore, South Korea, Taiwan, the United Kingdom, and the United States.



LSEED BAGS FIRST RUNNER-UP AWARD FOR ADVANCING UN SDGS

THE LASALLIAN SOCIAL ENTERPRISE FOR ECONOMIC DEVELOPMENT CENTER OF DE LA SALLE UNIVERSITY WON FIRST RUNNER-UP IN THE SDG INITIATIVE OF THE YEAR, which was part of the Triple E Awards hosted by the Accreditation Council for Entrepreneurial & Engaged Universities (ACEEU).

Participants from 16 countries across Asia Pacific Region joined the awards, held at DoubleTree by Hilton Hotel, Shah Alam i-City, Malaysia on September 3, 2024.

The Awards aim to foster change in universities and to emphasize their role in their communities and ecosystems. ACEEU is a Germany-based accreditation council composed of world-leading experts in the fields of entrepreneurship and engagement.

DLSU was recognized for having demonstrated exceptional commitment and leadership in advancing the United Nations Sustainable Development Goals (SDGs).

Meanwhile, LSEED director Dr. Norby Salonga emerged as the 3rd runner-up for the category, Entrepreneurial Leader of the Year.



DLSU, UNISERVITATE host faculty training-workshop on Service-Learning

DLSU, THROUGH THE CENTER FOR SOCIAL CONCERN AND ACTION (COSCA) SERVICE-LEARNING PROGRAM, TOGETHER WITH THE UNISERVITATE ASIA & OCEANIA REGIONAL HUB, conducted the Service-Learning (SL) Faculty Training and Workshop held at Balay Homestay in Indang, Cavite last August 22 and 23.

Around 60 representatives from De La Salle University, member schools of De La Salle Philippines, and new members of the Uniservitate in the Asia & Oceania region joined the event.

With the theme "SL Research Methodologies and Understanding SDGs", the activity provided the participants an understanding of the various research methodologies tailored to the context of SL.

The participants explored innovative approaches to designing, implementing, and evaluating SL projects that align with the SDGs, and integrate it with their respective courses and disciplines.

The training speakers were Dr. Stephen Chan and Dr. Shuheng Lin of the Hong Kong Polytechnic University. They discussed the

significance of doing research related to SL. They also provided inputs and suggestions on improving the participants' research proposals during the workshop.

In her keynote address, DLSU Vice President for Lasallian Mission Fritzie Ian de Vera highlighted the importance of SL in the mission of the University.

Executive Director of DLSU University Sustainability Office Antonio Carlos Maralit noted that the impact rankings could be used as a guide in developing curricular social engagements.



CIVIL ENGINEERING MAJORS EXPLORE GENERATIVE AI IN NUS YOUNG FELLOWSHIP PROGRAM

THE NATIONAL UNIVERSITY OF SINGAPORE (NUS) RECENTLY HOSTED ITS INAUGURAL NUS YOUNG FELLOWSHIP PROGRAM welcoming participants from various countries and diverse fields, including DLSU Gokongwei College of Engineering students Bea Angela Gaw and Janelle Patricia Moa, both Civil Engineering majors.

Held from June 24 to July 24, 2024, the program introduced students to generative AI through a series of workshops, laboratory visits, and interdisciplinary collaboration.

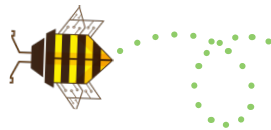
The participants explored innovative technologies, such as ChatGPT, and visited NUS's net-zero energy building, the first of its kind in Asia. The building showcased energy-saving features like motion-sensor lighting and adaptive architecture, aligning with their engineering interests.



Beyond academics, participants engaged in cultural exchanges, networking, and sightseeing trips around Singapore. The program highlighted the relevance of AI across fields, broadening horizons and encouraging participants to embrace interdisciplinary learning and adaptability in a rapidly advancing world.



Lasallian team emerges as champion in IEEE Week 2024 Quiz Bee



A TEAM OF STUDENTS FROM THE GOKONGWEI COLLEGE OF ENGINEERING EMERGED AS THE CHAMPION in the recently concluded IEEE Week 2024 Quiz Bee: Battle of the Brains.

The annual BoTB 2024 is designed to test the knowledge of students who are in the fields of Electronics Engineering (ECE), Electrical Engineering (EE), and Computer Engineering (CpE).

This year's competition was hosted by the Mapua University IEEE Student Branch last September 20 at Mapua University in Intramuros.

Members of the winning team are ECE majors Sean Francis Natividad, Nathaniel Dale Crisaldo, and Mark Lawrence Velasco. Serving as their coaches were Engr. Dino Dominic Ligutan and Engr. Jose Martin Maningo.

Two other DLSU teams joined the event. Team 1 members included Alyssa Joie Tablada, Sean Manual Gutierrez, and John Clarence Manga while Team 2 was composed of Keane Dwight Sulit, Harish Chawla, and Chico Andre Olaguer.

“ Each day renew your offering to God. ”

De La Salle

Letter 32 - to Brother Gabriel Drolin in Rome

Programs at DLSU Laguna

for AY 2025 – 2026

COLLEGE OF COMPUTER STUDIES

- Bachelor of Science in Computer Science
- Bachelor of Science in Information Technology
- Bachelor of Science in Interactive Entertainment
 - Major in Game Development
(2 years in Manila, 2 years in Laguna)
- Bachelor of Science in Interactive Entertainment
 - Major in Game Art and Design
(2 years in Manila, 2 years in Laguna)
- ***NEW**– Bachelor of Science in Data Science
(2 years in Laguna, 2 years in Manila)

GOKONGWEI COLLEGE OF ENGINEERING

- Bachelor of Science in Civil Engineering
- Bachelor of Science in Computer Engineering
- Bachelor of Science in Industrial Engineering
- Bachelor of Science in Biomedical Engineering
(2 years in Manila, 2 years in Laguna)
- ***NEW**– Bachelor of Science in Industrial Engineering with specialization in Data Analytics
- ***NEW**– Bachelor of Science in Aeronautical Engineering
- ***NEW**– Bachelor of Science in Mobility Engineering
- ***NEW**– Bachelor of Science in Electrical Engineering

CARLOS L. TIU SCHOOL OF ECONOMICS

- ***NEW**– Bachelor of Science in Applied Economics and Data Science
(2 years in Laguna, 2 years in Manila)

TAÑADA-DIOKNO SCHOOL OF LAW

- ***NEW**– Bachelor of Arts in Legal Studies and Sustainable Development
(2 years in Laguna, 2 years in Rufino Campus)

COLLEGE OF LIBERAL ARTS

- Bachelor of Science in Psychology
- Bachelor of Arts in Sports Studies
- Bachelor of Arts in Philippine Studies
 - Major in Filipino in Internet Studies

COLLEGE OF SCIENCE

- Bachelor of Science in Pre-Med Physics
- Bachelor of Science in Chemistry
 - Major in Food Science
(2 years in Manila, 2 years in Laguna)
- Bachelor of Science in Biology
 - Major in Medical Biology
- Bachelor of Science in Applied Physics
- Bachelor of Science in Human Biology

RAMON V. DEL ROSARIO COLLEGE OF BUSINESS

- Bachelor of Science in Business Management with specialization in Business Analytics
 - 6 trimesters (first 2 years in Manila)
 - 4 trimesters (1 ¹/₃ years in Laguna)
- Bachelor of Science in Entrepreneurship
 - Challenge–Based Learning (full Laguna)
- ***NEW**– Bachelor of Science in Financial Engineering

SCHOOL OF INNOVATION AND SUSTAINABILITY

- ***NEW**– Bachelor of Science in Materials Science and Engineering

**undergoing CHED processing/submission*

Source: Office of Admissions and Scholarships



2401 (twen'te fôr'o, wun) is a landmark number along Taft Avenue. It is the location ID of De La Salle University, home to outstanding faculty and students, and birthplace of luminaries in business, public service, education, the arts, and science. And 2401 is the name of the official newsletter of DLSU, featuring developments and stories of interest about the University.

2401 is published bi-weekly by the Strategic Communications Office (AH-21F, intercom 144). Editorial deadline is 3 p.m. Tuesdays.

Contributions should include the name, office and signature of the sender. Materials may be edited for clarity or space.

2401 may be accessed online through the URL: <http://www.dlsu.edu.ph>.