

IPO CITES DLSU AS TOP PATENT GRANTEE

THE INTELLECTUAL PROPERTY OFFICE OF THE PHILIPPINES (IPOPHL) CITED DE LA SALLE UNIVERSITY AS TOP PATENT GRANTEE FROM 2017 TO 2021 during IPOPHL's 25th anniversary celebration held last June 6 at the Philippine International Convention Center.

The IP Citations were initiated by IPOPHL "to recognize the significant contributions of inventors, innovators, and creators in boosting the creation, protection, commercialization, and enforcement of intellectual property rights in the country."

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To date, DLSU has filed 33 Philippine patent applications, 12 of which have been granted and one is allowed (i.e., it meets the requirements for patentability, but still awaits the recommendation from the IPOPHL Examiner).

The University also has 2 international patent applications via the Patent Cooperation Treaty (PCT), which were each converted into national phase applications in four countries, namely the United States, South Korea, Singapore, and Vietnam. These PCT and Philippine patent applications are shared with UP Manila. DOST-Technology Application and Promotion Institute helped in filing the patent applications in other countries.

DLSU also has eight Philippine utility models, seven of which are now registered.



Photo Credit: Atty. Christopher Cruz

DLSU's latest patent

DLSU received its latest patent from IPOPHL for "Device for Upper Limb Rehabilitation," a project developed with support from DOST-Philippine Council for Health Research and Development. The project is part of the ongoing initiatives of the DLSU Institute of Biomedical Engineering & Health Technologies (DLSU IBEHT) to boost the field of hospital equipment and biomedical devices in the country.

Leading the project is Dr. Nilo Bugtai, Manufacturing Engineering and Management (MEM) professor, DLSU IBEHT founding director, and concurrent program leader for the Niche Center in the Regions (NICER): R&D Center for Medical Robotics by the DOST – Science for Change Program.

His co-inventors are Alexander Abad, Dr. Renann Baldovino, Paul Dominick Baniqued, Carlos Matthew Cases, Christopher Constantino, Jade Dungao, Voltaire Dupo, Jeremy Flordelis, Michael Manguerra, Jose Alvin Mojica, Aira Patrice Ong, Winny Paredes, Maria Annysa Perez, Hanz Emmanuel Timbre, and Eldrich Bong Valencerina.

Early this year, DLSU were granted three patents for the following inventions from the Gokongwei College of Engineering: "Method and system of organ decellularization using ultrasonic bath," "Motor-driven

actuator assembly," and "Method for chemically treating plant cellulose fibers, and method of making a geopolymer composite structure, including chemically treated plant cellulose fibers."

From the Department of Management and Manufacturing Engineering, there are also three other patents: the "Robotic Leg Exoskeleton for Partial Gait Rehabilitation," "Motor-Actuated Articulating Laparoscopic Instrument; and Meat Extracting Machine and System.



A machine for the Agapay project

DOST RECOGNIZES LA SALLE FOR SUPPORTING COUNTRY'S R&D PROGRAMS

DE LA SALLE UNIVERSITY WAS RECENTLY RECOGNIZED BY THE DEPARTMENT OF SCIENCE AND TECHNOLOGY (DOST) for being a key contributor to its research and development (R&D) programs in the past six years, one of only three universities that received the Outstanding S&T Partner Award for Academic Institution.

The awarding was held during DOST's Science for the People (SFTP) Awards "Gabi ng Parangal at Pasasalamat" held last June 13 at Sofitel Plaza in Pasay City. DOST cited DLSU as the sole private higher education institution in the country to be listed in the Times Higher Education World University Rankings. It further noted the University's unprecedented 600% growth in its research output in the previous decade, underscoring the strong partnership of the two institutions.

The SFTP Awards recognized DOST's different development partners, both in the public and private sectors, in recognition of their outstanding contributions towards improving the lives of Filipinos.

A number of research projects from DLSU's research centers and institutes have continued to receive significant support from DOST. This year, the University bagged five new grants under the DOST Collaborative Research and Development to Leverage Philippine Economy Program and DOST Philippine Council for Health Research and Development for projects by faculty members at the Gokongwei College of Engineering.



Photo Credit: DOST website

DLSU President Br. Bernard Oca FSC (rightmost) receives the award for DLSU.

CULABA NAMED AS ASEAN ACADEMY OF ENGINEERING AND TECHNOLOGY FELLOW

NAST ACADEMICIAN AND UNIVERSITY FELLOW PROF. ALVIN CULABA

was conferred the title Fellow by the ASEAN Academy of Engineering and Technology (AAET) during its Annual General Meeting held last June 11.

AAET is an eminent group of successful ASEAN engineers, technologists, and industrialists who play an important role in the overall development of the ASEAN region. Its members dedicate their expertise and networks in the promotion, enhancement and wider application of engineering sciences, technology, and innovation for the advancement of the ASEAN region and the rest of the world.

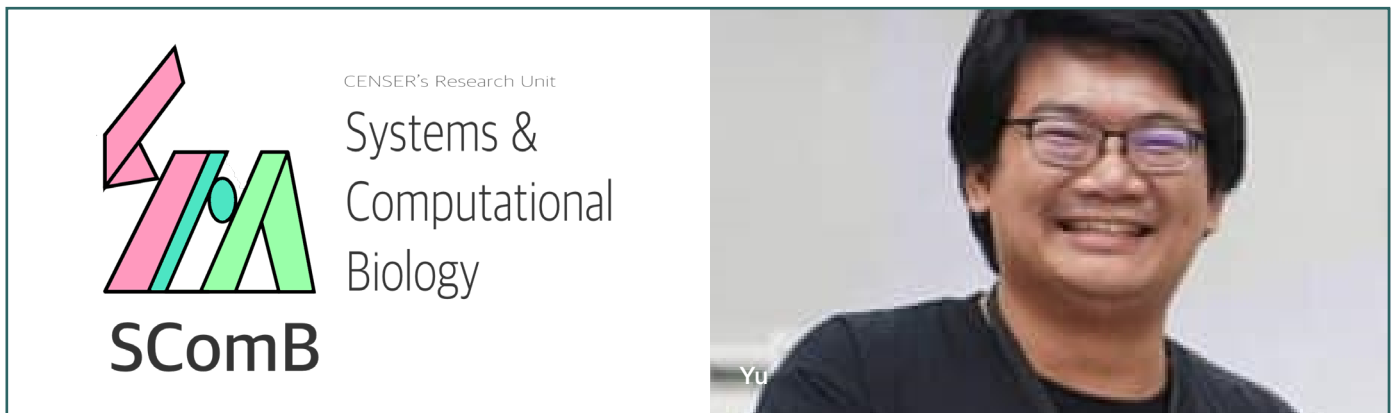
Widely recognized for his contributions to his field as well as to the fields of education and learning, Culaba also received in March this year the Education 2.0-Outstanding Leadership Award at the World Education 2.0 Conference in the United Arab Emirates.

He is known for his pioneering work in the area of Life Cycle Assessment (LCA) methodology. He specializes in mechanical engineering, design engineering, mechanical engineering design, and mechanical processes. His research finds applications in energy-environment interactions like cleaner production technology, energy technology and management, alternative energy, environmental management systems, manufacturing and environmental systems engineering, and renewable energy systems.



Culaba

Student wins LNest Grant Global Challenge Award 2022



A MEMBER OF THE SYSTEMS & COMPUTATIONAL BIOLOGY (SCOMB)

RESEARCH UNIT of the College of Science Center for Natural Sciences and Environmental Research (CENSER), Paul K. Yu, has been selected as one of the awardees of the Leave a Nest (LNest) Grant Global Challenge Award 2022.

Yu, who is also an MS graduate fellow of the Department of Science and Technology-Science Education Institute (DOST-SEI), earned the award for the project titled "Systems biology approach of understanding azole resistance mechanisms in *Candida albicans*."

The LNest Grant Global Challenge Award focuses on awarding research and technologies relating to issues that are felt by a lot of people around the globe, which therefore has a lot of impact.

Since its establishment, Leave a Nest, together with various partner companies, has offered almost 200 independent grants to more than 360 researchers, and the total amount of research fund circulation has accumulated to more than \$1 million.

The research is in collaboration with Dr. Llewelyn Moron-Espiritu from the DLSU Department of Biology and a member of the SComB research unit, and Dr. Angelyn Lao from the DLSU Department of Mathematics and Statistics and the head of the SComB research unit.



STUDENTS GARNER AWARDS AT SINGAPORE MODEL UNITED NATIONS

THE DE LA SALLE-MODEL UNITED NATIONS COMMUNITY WON MAJOR AWARDS at the 2022 Singapore Model United Nations (SMUN) held at the National University of Singapore last June 7-10.

The delegation received 12 awards: Jason Hugh Uy was named Best Delegate (Human Rights Council, representing Qatar) and Josue Venida was named Honorable Mention (Human Rights Council, representing Sudan). Johannes Asombrado was also recognized Best Speaker (UN Security Council, representing Ghana).

The team garnered four Best Position Paper awards: Johannes Asombrado & Xybastian Trinidad, (UN Security Council, representing Ghana); Sophia Valencia (Human Rights Council, representing South Korea), Izak Tiong (World Health Assembly, representing Egypt), and Nika Ela Necessario and Elijah Ferry-Munoz (ASEAN+3, representing Indonesia).

Verbal Commendation for Outstanding Simulation honors were given to Matthew Ramirez (Community of Latin America & Caribbean States), Angelica Perez (House of Commons, representing Michael Gove), Julean Palpallatoc (UN Security Council, representing Albania), Johannes Asombrado and Xybastian Trinidad (UN Security Council, representing Ghana), and Arrabela Lumanglas (World Bank, representing China).

Other members of the team were Angelique Coordes, Laurice Eleda, Misha Lirios, Alvaro Ramirez De Arellano, Aena Medina, Yedda Bueno, and Bianca Yap.

Political Science faculty member Allen Surla serves as the adviser of the Model United Nations Teams while Theodore Alberto, Jose Peregrine Argana, and Hyacinth Flores are the team's trainers. Manila-based Hannah Marie Antoinette de Peralta, Erika Elaine Arcega, and Benedict Rafael Mateo conducted nightly evaluation with the delegates.

Now in its 19th year, Singapore MUN held the first face-to-face student conference following the COVID-19 lockdown. The event was participated in by students from the Southeast Asian region.

The delegates were tested for their skills in diplomacy, negotiation, leadership, impromptu speech, drafting of resolutions, and other problem-solving skills as they acted out real positions of the countries that they were assigned to represent.

The Office of the President and the Office of the Vice President for External Relations and International Relations provided support to the DLSU 2022 SMUN delegation.

Go Green 2022 champion team

STUDENTS OF DE LA SALLE UNIVERSITY RECENTLY WON THE SCHNEIDER GO GREEN 2022 AS THE PHILIPPINE NATIONAL CHAMPION.

Team Lumbricina is composed of Ralph Stephen Saavedra (BS Applied Economics/BS Accountancy), Fernando Magallanes (BS Manufacturing Engineering and Management), and Alexia Roman (Manufacturing Engineering and Management), together with Albert Matthew Alejo of Ateneo De Manila University.

Lumbricina is currently an early-stage startup social enterprise that aims to produce and sell ISO-certified commercial-grade compact anaerobic digesters primarily to food service establishments in the country.

Schneider Go Green 2022 is a global student competition of Schneider Electric's initiative together with AVEVA which is designed to disrupt and push the boundaries of digital transformation in Energy Management. Schneider Go Green 2022 has five competition categories namely: (1) Access to Energy, (2) Homes of the Future, (3) Supply Chain of the Future, (4) Grids of the Future, (5) De[co]ding] the Future.

Team Lumbricina will be receiving a seed capital of Php 100, 000 and will be moving up to represent the country in the East Asia and Japan Regionals. The team is mentored by the Lasallian Social Enterprise for Economic Development (LSEED) Center.



Team Lumbricina

CIVIL ENGINEERING FACULTY TEAM BAGS AWARD AT 12TH PHILIPPINE INNOVATION EXPO

A TEAM OF DLSU FACULTY MEMBERS FROM THE GOKONGWEI COLLEGE OF ENGINEERING received the Excellence in Project Implementation and Completion (EPIC) award during the 12th anniversary of the Department of Science and Technology-Philippine Council for Industry, Energy and Emerging Technology Research and Development (DOST-PCIEERD) last June 29 at Dusit Thani Hotel in Makati City.

Department of Civil Engineering's Dr. Alexis Fillone, Dr. Raymund Paolo Abad, and Engr. Kervin Lucas received the recognition for their study entitled, "Optimal Locations and Allocation of Personnel (OLAP) at Checkpoints during the Coronavirus Lockdown and Manual Development for the Preparation of Future Pandemics in Metro Manila and other Regions".

This study looks at how to optimally allocate healthcare and security personnel at checkpoints surrounding Metro Manila. It also aims to develop guidelines on this subject in preparation for future pandemics in the country.

The 2022 Philippine Innovation Expo, which carried the theme "Empowering the Filipino through Innovative Engagement," brought together various industry and academic leaders who shared their expertise and experiences in the fields of science and technology.

DOST-PCIEERD serves as the central agency in the formulation of policies, plans, and programs as well as in the implementation of strategies in the industry, energy, and emerging technology sectors. Its programs include, among others, research and development, technology transfer and commercialization, and policy development and advocacy.



Among the world's leading higher education institutions

DE LA SALLE UNIVERSITY IS AMONG THE WORLD'S LEADING HIGHER EDUCATION INSTITUTIONS in the QS World University Rankings 2023, retaining its standing in the 801-1,000 bracket.

The rankings covered 100 locations and analyzed 2,462 institutions, of which only 1,422 were ranked. The HEIs were assessed in various metrics including academic reputation, employer reputation, faculty to student ratio, citation per faculty, international faculty, and international students.

For the 2023 edition, DLSU improved in academic reputation (ranked 450) and employer reputation (ranked 284). In the 2022 QS World University Rankings by Subject, DLSU was the top Philippine university in the fields of: Linguistics (201-250), Business and Management Studies (351-340), and Chemical Engineering (351-400).

In the same rankings, DLSU is the country's top private HEI in: Arts and Humanities (323=), Social Sciences and Management (377=), and Economics and Econometrics (500-520).

For more information on the QS World University Rankings 2023, visit: <https://hubs.la/Q01bzKvM0>



“Never speak to anyone except with kindness,
and if you fear to speak otherwise, keep silent.”

Beata fide

Med 65.2

(cf. Beatitudes and 1 Cor 13)

BITUIN USER EXPERIENCE SURVEY RESULTS



Last year, the BITUIN Program rolled out ERP and Workflow Applications, namely, Oracle Fusion Financials (FIN), Oracle Fusion Supply Chain Management (SCM), Ramco Human Capital Management (HCM) and ProcessMaker Business Process Management System (BPMS). As a means to measure User Satisfaction for these Applications, BITUIN ran a User Experience Survey from June 7th to 15th 2022. Out of the total base of 1,672 Users, we obtained a 54% respondent rate.

BITUIN will be releasing this User Experience Survey every quarter to understand areas that need to be addressed or improved as we endeavor to delight our Users.



Most Frequent Technical Issue: Slow Performance 50% of Finance Users and 48% of Supply Chain Users
Log-in Issues 48% of Human Resource Users

Over All Score: 3 For Usability and Performance, and Technical Support

Human Resource: 60% Respondent Turnout (488/818)
Platform: Ramco HCM

Overall Findings

Function and Features

- After 7-9 months of platform use, Users agreed that the new platforms were secure. However, issues relating to **stability** and **log-in** were cited for the **Ramco HCM Application (48%)**. On the other hand, **slow performance** was highlighted for both the **Oracle Fusion Financials (50%)** and **Oracle Fusion SCM (45%) Applications**.
- **Ramco HCM** Respondents acknowledged that **Leave Management (89%)** and **Overtime Processing (35%)** were important to them. In terms of Application functionality, **24% of the Users** indicated that the **Shift Schedule Management** and **Overtime Processing Modules** were unable to function as expected.
- Supply Chain Users conveyed **Procurement (74%)** and **Requisition (78%) Functionality were essential** to their day-to-day activities. However, these were prone to technical issues according to the same respondents.
- **System Accessibility** was viewed **positively** by some and **negatively** by others.
- Certain Users cited that the following processes were **tedious and unclear: Creation of Non-Catalog Items and approvals (SCM), Creation of GL Accounts (Finance), and Filing and Approval of Leaves (HCM)**.

Training

- Users requested for **Refresher Training** (actual or video-based) and for **Support Manuals** to enable them to better understand the Applications' functionality.
- New Users recommended an **Onboarding Process** to expedite their adaptation to the functions and features of the ERP Applications.

Help Desk and Technical Support

- Some Users indicated that **IT Technical Support** was quite **responsive**. However, there were cases when Technical Support was **not able to completely resolve** certain technical issues.
- Better communication from the Technical Support Team was highlighted as a User Need. In general, **Users favored Chat as a Channel to communicate their technical concerns**. Less preference was expressed for Technical Support Channels such as the Web Portal (Spiceworks), Email, or Phone.

Next Steps

1. Ensure the availability of training videos and manuals in the ERP Application Landing Pages.
2. Create and roll out an Onboarding Process for New Users.
3. For BPMS Request-for-Payment Users, assess the possibility of creating a Dashboard that shows the Payment Status of their requests.
4. Maintain updated User and Approver Lists for all ERP and BPMS Apps.
5. Revisit HR business requirements and setup configuration in the Ramco Production System (Leaves, Overtime, etc.).
6. Advise Suppliers to submit their invoices through the Oracle Supplier Portal, i.e., refrain from sending through emails.
7. Process all advances that relate to Purchase Orders in Oracle Fusion (not through BPMS).
8. Revisit the process of creating Non-Catalog Items in Oracle Fusion to address current cumbersome process.
9. With Chat chosen as the primary IT Support channel, assign more IT staff to addressing support issues via Chat.
10. Create a Monthly User Forum to address Process, System and Policy concerns.

Source: BITUIN Project



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 Office for Strategic Communications (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>.

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