

BATANGAS STATE UNIVERSITY CHRONICLE

The Official Publication of the Office of the President

Vol. VIII No. 4

ISSN 2449-4739 | October - December 2022

FERDINAND R. MARCOS JR.

President of the Republic of the Philippines

2022 NATIONAL SCIENCE AND TECHNOLOGY WEEK CELEBRATION

"Agham at Teknolohiya: Kabalik at Maunlad at Matatag na Kinabukasan"

World Trade Center, Pasay City
23 November 2022



Leading Innovations, Transforming Lives, Building the Nation

BatStateU CHRONICLE

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Indian Maritime University and BatStateU-The NEU seals partnership to boost Blue Economy

On November 9, 2022, Batangas State University (BatStateU), the Philippines' National Engineering University, forged a partnership with the Indian Maritime University (IMU) to enhance academic collaboration in diverse marine-related programs. This partnership serves as a significant step in expanding the University's international linkages and solidifying its position as a leader in engineering education.



Ambassador of India to the Philippines His Excellency Shambhu S. Kumaran together with his First Secretary Ms. Pooja Vernekar and other BatStateU officials pose for a photo opportunity after the ceremonial MoU signing.

Initiated by the Embassy of India to the Philippines, led by His Excellency Shambhu S. Kumaran, the partnership between the two Universities was formalized through the Ceremonial Signing of Memorandum of Understanding (MoU). The MoU concretized the strong commitment of BatStateU-The NEU and IMU to work collaboratively and establish academic cooperation through academic exchanges, collaborative research projects, co-hosting of conferences, and other mutually beneficial activities in the areas of Naval Architecture and Marine Engineering, Port Management, and Marine Biodiversity.

At the ceremony, Dr. Tirso A. Ronquillo, President of BatStateU-The NEU warmly welcomed all attendees and expressed his excitement about the potential collaboration between the two universities. He expressed his hope that the Indian Maritime University (IMU) would work closely with BatStateU to research, protect, and conserve marine

biodiversity in the Verde Island Passage (VIP) as one of the legal mandates of BatStateU as the National Engineering University. Dr. Ronquillo also extended his sincere gratitude to H.E Shambhu S. Kumaran, Ambassador of India to the Philippines, for continually providing the University with numerous new opportunities.

BatStateU-The NEU, as the Philippines' largest provider of engineering education recently offered BS in Naval Architecture and Marine Engineering as one of the emerging engineering programs. All these, coupled with the University's firm commitment to protect, conserve, and manage strategically the marine biodiversity in the Verde Island Passage (VIP) are seen instrumental by the institution to successfully develop professional graduates ready for entry as active participants and competent leaders in the industrialized world.

Vice Chancellor of Indian Maritime University, Dr. Malini V. Shankar, I.A.S. (Retd.)

World Trade Center, Pasay City
23 November 2022



Republic of the Philippines President Ferdinand "Bongbong" R. Marcos, Jr. together with the Department of Science and Technology Secretary, Dr. Reynato U. Solidum, Jr. and Pasay City Mayor Hon. Imelda "Emi" Calixto-Rubiano presented the 2022 Outstanding Science Administrator Award to Dr. Tirso A. Ronquillo.

Photo Courtesy: NAST PHL

conveyed through a video message her gratitude to BatStateU and Embassy of India to the Philippines for making the partnership possible. "I wish that this MoU becomes a building block for our engagement in the international community especially in the Asian region and thereby promote South-South cooperation", she added.

IMU is a central university in India which deals with a wide range of topics related to the sea which is intended to fulfill the requirements of the Maritime Sector of India. Composed of six campuses, IMU is poised to play a key role in the development of trained human resources for the maritime sector.

"I am looking forward to this partnership being reinforced as soon as possible. We will help to facilitate and promote maritime studies, training, research and extension work focusing on emerging areas of studies like oceanography, maritime history and laws, security and other related fields." H.E. Shambhu S. Kumaran uttered in his closing remarks.

The MoU signing was also graced by Ms. Pooja Vernekar, the First Secretary of Embassy of India to the Philippines and BatStateU-The NEU officials including the Vice President for Academic Affairs, Dr. Charmaine Rose I. Triviño, Vice President for Research, Development and Extension Services Engr. Albertson D. Amante, Vice President for Administration and Finance Atty. Luzviminda C. Rosales, Vice President for Development and External Affairs Atty. Noel Alberto S. Omandap, and the Dean of the College of Engineering Dr. Reynato A. Gamboa.

This initiative, as one among the valuable partnerships that BatStateU has inked, is responsive to the attainment of SDGs 4: Quality Education, 6: Clean Water and Sanitation; 14: Life below Water; and 17: Partnerships for the Goals.

Undoubtedly, BatStateU-The NEU continues to shape the history of the country's engineering education by leading innovations, transforming lives, and building the nation.

Dr. Tirso A. Ronquillo hails as the 2022 Outstanding Science Administrator Awardee

The First President of the Philippines' National Engineering University, Dr. Tirso A. Ronquillo was recognized by the Department of Science and Technology (DOST), through the National Academy of Science and Technology, Philippines (NAST PHL) as the 2022 Outstanding Science Administrator Awardee.

Dr. Ronquillo humbly accepted the prestigious Dioscoro L. Umali Medal, a plaque and a cash prize of P200,000.00, awarded by President Ferdinand R. Marcos Jr. and DOST Secretary Renato U. Solidum Jr. during the opening ceremony of the National Science and Technology Week at the World Trade Center, Pasay City, November 23.

The award acknowledges the invaluable efforts and significant contributions of Dr. Ronquillo throughout the years to science and technology as the University President of Batangas State University, the first and thus far the only National Engineering University in the country by virtue of R.A. 11694.

His exceptional drive as a Science Administrator has positively impacted the University as well as the academic community in the country. With active support from the members of the Research Council, the research portfolio of the University under his leadership has grown tremendously with significant

scientific and technological contributions to society.

Dr. Ronquillo likewise strengthened the Engineering Extension Service Agenda, which is one of the University's innovative solutions in intensifying research-based extension service programs, by focusing on issues of national importance. Branded as GEARS (Galvanizing Extension Activities towards Relevance and Sustainability), the Engineering Extension Services Agenda focuses on the following key extension programs, as follows: The Agriculture and Aquaculture, Disaster Risk Reduction and Management, Food Innovations, and GIS-based Decision Support System.

a policy on the President's Medal of Innovation Award, which was approved by the Board of Regents. It is expected to motivate not only the faculty but also other members of BatStateU-The NEU community including employees and students to do more high impact research and studies.

He also initiated the establishment of various niche research centers such as the Science, Technology, Engineering and Environment Research (STEER) Hub which houses various research centers namely: Material Testing and Calibration Center (MTCC), Manufacturing Research Center (MRC) or LIKHA Fablab, Electronic Systems Research Center (ESRC),

the protection, management and strategic management of the VIP and establishing partnership with LGUs, line agencies of the government and other stakeholders.

In recognition of some valuable accomplishments, Dr. Ronquillo and his team of researchers were recipients of various awards from different R&D award-giving bodies such as the STCIERD's Forum and Competition, and Regional Invention Contest and Exhibit. The University is also a recipient of the National and Regional Gawad Kalasag Awards for its innovation projects in DRRM. He is an advocate of student innovation as he provides support for student participation in innovation competitions. In 2022, a team from

BATANGAS STATE UNIVERSITY
The National Engineering University

CONGRATULATIONS!

Dr. TIRSO A. RONQUILLO
2022 OUTSTANDING SCIENCE ADMINISTRATOR AWARDEE

*By the Department of Science and Technology (DOST),
through the National Academy of Science and Technology, Philippines (NAST PHL)*

The BatStateU community is proud of you!

*Leading Innovations, Transforming Lives,
Building the Nation*

His significant strides towards research and innovation extend well beyond the University as he is also the current President of the Philippine Association of State Universities and Colleges (PASUC) and the Chairman of the Southern Tagalog Consortium for Industry and Energy Research and Development (STCIERD).

To foster research collaboration among State Universities and Colleges, he spearheaded the BRIDGES Program or Bridging Research and Innovation Development Goals for Engineering SUCs. Under his leadership and direction, they are now conducting several projects mutually funded by the 39 participating SUCs for initially identified six initiatives. Believing that recognition can further attract creativity and innovativeness among the members of the Red Spartan community, Dr. Ronquillo proposed

Digital Transformation Center (DTC), GIS Applications Development Center (GADC) and the Center for Technopreneurship and Innovation (CTI). The MRC / LIKHA Fablab is heavily engaged in supporting MSMEs with more than 50 MSMEs in its portfolio. The CTI, is regularly spearheading innovation activities with budding startups, incubating at least 10 startups annually and training at least 1,000 students through the Technopreneurship Class.

Dr. Ronquillo is also the driving force behind the establishment of various niche research centers that respond to the SDGs, which include the Verde Island Passage Center for Oceanographic Research and Aquatic Life Sciences (VIP CORALS). Currently, the University is taking the lead in conducting research partnerships with various Higher Education Institutions for

the ChE program bagged the First Place in the 1st UNESCO World Engineering Day Hackathon for the Wonderpets Innovation Project.

Under his leadership, BatStateU-The NEU received the Best Incubator Infrastructure Award from DOST and QBO for its Technology Business Incubator, Most Sustainable and Eco-Friendly School, Energy Leadership Award and the Nestle Water Award for advocating environmental protection and conservation.

Constantly guided by the University's credo, which he, himself crafted: "Leading Innovations, Transforming Lives, Building the Nation", Dr. Ronquillo's remarkable dedication and commitment to science and technology, as University President, Science Administrator, and researcher has contributed immensely to making a change.

BatStateU-The NEU holds First-Ever Graduate Research Forum for Technology, Engineering, and Computing (GRaF-TEC '22)

The Research Office Alangilan in collaboration with the Center for Innovation in Engineering Education (CIEE) recently held the first Graduate Research Forum for Technology, Engineering, and Computing (GRaF-TEC '22) on December 3, 2022, via Zoom Video Conference.

As BatStateU-The NEU Alangilan celebrates its identity as the TEC campus of the National Engineering University, it continues to push boundaries in the field of technology, engineering, and computing (TEC) research. Joined by local and invited professors and researchers, the goal of GRaF-TEC'22 is to empower the University's graduate students and faculty in the planning and implementation of their research projects, while also providing guidance and advice on the skills and strategies needed to bring their work to fruition, dissemination, and real-world service and application.

The forum was a showcase of the University's graduate students, faculty, and alumni who presented their culminating theses, capstone reports, dissertations, and other research projects. The conference also served as a platform to explore the services offered by the STEER Hub's Research Centers and to align graduate research with the University's research thrust and priorities.

The conference was structured into six thematic areas, including AI, ICT, Data Science and Analytics, Energy and Environment, Biochemistry & Material Science, Urban Science and Engineering, Industry Projects and Innovation, and Emerging Technologies. Each theme was designed to address pressing issues in the respective fields and to showcase the latest advancements and innovations.

Kickstarting the event was the STEER Hub Center Heads, Asst. Prof. John Richard Esguerra – CTI, Engr. John Carlo Aggari – Likha FABLAB, Dr. Anton Louise De Ocampo – ESRC, Mr. Inocencio Madriaga Jr. – GIS Application, Dr. Reymark Maalihan - MTC, and Dr. Alvin Alon - MTC discussed how their respective offices can help the researchers pursue their study. Meanwhile, invited faculty members, Dr. Jeffrey Sarmiento - CoE, Dr. Ryndel Amorado - CICS, Dr. Noriel Macalalad - CIT and Engr. Erwin Rafael D. Cabral – CoE who pursued their graduate studies from the different institutions shared their insights and experiences about their research journey.

GRaF-TEC '22

The GRADUATE RESEARCH FORUM
FOR TECHNOLOGY, ENGINEERING,
and COMPUTING

*“ Collective Growth towards a
Sustainable Research Culture ”*



BatStateU University President Dr. Tirso A. Ronquillo warmly welcomed the participants of GRaF-TEC '22 via Zoom Video Conference.

One of the highlights of the conference was the research presentations of the graduate students, faculty, and alumni which focused on Engineering, Computing, and Technology Education and Management and emphasized the importance of a good understanding of engineering, computing, and technology for meeting the demands of an advancing society, providing new solutions to tomorrow's issues, and taking advantage of forthcoming opportunities. After the presentation, six (6) awards were given to best presenters per session, per category while three major awards were given to the best papers.

Best Presenters:

Biochemistry, Material Science and Emerging Technologies

Raynell A. Inojosa - Exploiting Fractal Geometry in the Design of a UHF Patch Antenna for Low-Earth Orbit Nanosatellite Applications

AI, ICT, Data Science and Analytics

Kristoffersen Edward Mayce R. Lomboy - Non-genital Warts Response to Cryotherapy and Immunotherapy Treatment Using Gradient Boosting Prediction Models

Urban Science and Engineering

Gerald Tioacson - Computer Vision Model to Maintain Wearing of Face Masks in an Indoor Establishment for COVID-19 Awareness: An Approach to Detect Mouth as the Region of Interest

Industry Projects and Innovation

Orley G. Fadriquel - Design, Development and Evaluation of Small Capacity Coconut Charcoal-Fired Peanut Roasting Machine

Engineering, Computing, and Technology Education and Management

Mark Anthony L. Escobar - Academic Dishonesty in the Online Assessment Tasks of Engineering Students in one of the State Universities in the Philippines

Energy and Environment

Joselyn S. Elnar - Greenhouse with Automated Farming Technology - Aeroponics Control System (GrAFT-ACS)

Best Papers:

FIRST PLACE

Raynell A. Inojosa - "Exploiting Fractal Geometry in the Design of a UHF Patch Antenna for Low-Earth Orbit Nanosatellite Applications"

SECOND PLACE

Orven Mendoza - Integrated Safety and Securing System for Motorcycle with Smart Helmet using GSM, GPS and Bluetooth Technologies

THIRD PLACE

Mark Anthony L. Escobar - Academic Dishonesty in the Online Assessment Tasks of Engineering Students in one of the State Universities in the Philippines

In conclusion, GRaF-TEC'22 reinstated BatStateU Alangilan's leadership role in research and united the university's research community in their efforts to guide university growth towards a sustainable research culture. The forum was a great success and has set the stage for even more exciting and groundbreaking research in the future.

BatStateU-The NEU takes a Leap towards Engineering Excellence with its Successful ABET Accreditation



Batangas State University, The National Engineering (BatStateU-The NEU) takes one step closer to achieving engineering excellence as they welcomed the Engineering Accreditation Commission (EAC) – US Accreditation Board for Engineering and Technology, Inc. (ABET) evaluators and representatives on November 11–15, 2022. The purpose of the four-day visit was to assess if the university met the ABET quality standards for the eight engineering programs.

The delegates were given a warm welcome by Engr. Albertson D. Amante, Vice President for Research, Development, and Extension Services, who introduced the facilities at the Science, Technology, Engineering, and Environment Research (STEER) Hub situated at BatStateU-Alangilan. The highlight of the tour was a presentation of the scale model and background of the Knowledge, Innovation, Science, and Technology (KIST) Park, which is the first of its kind in the Philippines. The delegates were then taken on a tour of the

College of Engineering, Architecture, and Fine Arts (CEAFA) building, where each department head of the eight engineering programs—BS Civil Engineering, BS Electrical Engineering, BS Mechanical Engineering, BS Chemical Engineering, BS Electronics Engineering, BS Sanitary Engineering, BS Industrial Engineering, and BS Computer Engineering—presented the classrooms and laboratories used for student learning.

The excitement continued on November 14, 2022, as the ABET accreditors paid a courtesy visit to University President Dr. Tirso A. Ronquillo at BatStateU-Pablo Borbon. The visit marked a significant milestone in the University's journey towards achieving ABET accreditation and setting a new benchmark in engineering education in the Philippines. Overall, the ABET evaluation was a success, and the University is proud to have met the rigorous standards set by ABET.

Indeed, BatStateU-The NEU is making strides in the field of engineering education, exemplifying its commitment to providing quality and excellent learning opportunities for its students in a rapidly changing world.



BatStateU-The NEU hosts the 6th STRASUC CAF 2022



Southern Tagalog Regional Association of
State Universities and Colleges (STRASUC)

6th STRASUC *Culture and the Arts Festival 2022*



**THEME: "Advancing Culture and
the Arts as Strategic Resource
for National Development"**

**Batangas State University,
The National Engineering University
Rizal Avenue Extension, Batangas City**

**November
14-18, 2022**



Underpinning opportunities to develop the character of excellence and appreciation of the Filipino culture and aesthetic values, Region IV State Universities and Colleges (SUCs) reunified in the 6th Southern Tagalog Regional Association of State Universities and Colleges Culture and the Arts Festival 2022 (STRASUC CAF) at BatStateU-The NEU Pablo Borbon on November 15-18, 2022.

Unfolding socio-cultural development

"Buong lugod naming tinatanggap dito sa Batangas State University - The National Engineering University ang paanyaya na maging punong abala na pamantasan para sa pagdiriwang na ito dahil matibay ang aming paniniwala sa kahalagahan ng kultura at sining sa patuloy na pagyabong ng bansa," Dr. Tirso A. Ronquillo conveyed as he graciously welcomed the delegates and guests during the opening program.

Dr. Levy B. Arago Jr., STRASUC Chairman and Mindoro State University President, lauded

the spirit of camaraderie fostered among SUCs.

"Ipinapakita na sa CALABARZON at sa MIMAROPA, hindi mahalaga ang kompetisyon, mas mahalaga kung paano makisama sa bawat isa," Dr. Arago added.

Loud and proud, through community mass and parade, the participating State Universities and Colleges (SUCs) representatives exhibited dyed in the wool passion and dynamism, followed by the ribbon-cutting ceremony of the STRASUC exhibit.

Singing and photography contestants also took the spotlight as Jade Manalo of Laguna State Polytechnic University outperformed the other 11 contenders on her song rendition of “Ililigtas Ka Niya” in the Pop-Solo category. Davidson Arena and King Vincent Rollan of Southern Luzon State University awed the judges with their song version of “Sana Maulit Muli” during the Vocal Duet competition, landing them in First Place.

On the other hand, Marinduque State College nailed a back-to-back win in the Vocal Kundiman

and Photography contests. Justin Leyhl Llasos executed a pitch-perfect performance of the song “Pakiusap,” and Rose Ann Adriasy unveiled a distinct photo depicting the theme “Advancing Culture and the Arts as Strategic Resource for National Development”, with minimal use of the human element.

STRASUC CAF concluded the first day of events through the Christmas Lighting ceremony and Presidents’ Night promoting the culture of peace and love through the spirit of comradeship.



Matching strengths and wits

Southern Tagalog State Universities and Colleges (SUCs) vowed to contend for the finest Visual Arts, Short and Sweet Play, and Instrumental Acts during the second day of the 6th Southern Tagalog Regional Association of State Universities and College Culture and Arts Festival (STRASUC CAF), November 16.

Bearing the theme, “Importance of Art and Culture in Modern Society”, Vincent Paul U. Morada (RSU) bagged the 1st place in Poster Making competition featuring his work on societal culture. Jeremy R. Belo (BatStateU-The NEU) obtained 2nd place, followed by Lynn Cristine M. Ang (UPLB) as 3rd place.

Clem Owen Ecayan (WPU) took pride in the Painting Competition with his shipshape and colorful piece while John Matthew S. Maduro (BatStateU- The NEU) and Johnley M. Mayorga (MSC) were awarded 2nd and 3rd place, respectively.

Revealing the depth and power of art using one photo of a man, Sophia Mari M. Escalona (PSU) illustrated vivid and realistic emotion of her subject, taking home 1st place in the Charcoal Rendering competition. Romela Aileen Bayaban (UPLB) snatched 2nd place with a win against Albert Steven Tugano (SLSU).

Rounding off a table with still life subjects such as fruits and baskets, contestants of the Pencil Drawing competition drew from life with their graphite pencils in the University’s Science Technology Engineering Agriculture and Mathematics (STEAM) Library for four hours. Rinel V. Bacarro (BatStateU-The NEU) won 1st place; whereas Christine L. Balag (URS) and Plorence M. Molata (SLSU) took the second and third spots.

On the other hand, University of Rizal System bested seven other Southern Luzon SUC’s during the Short and Sweet Play competition. URS highlighted the sacrifices of working students in their play that transitioned from light comedy to drama with their lead role Ana Margarita Agapito.

“Lahat po ng mga working students na talagang nagtatrabaho para sa kanilang pamilya ... yun po talaga ang inspirasyon ko dyan,” Coach Jansen San Juan of URS uttered.

A play heavily inspired by the construction of Kaliwa Dam and its impact on Sierra Madre, SLSU grabbed the 2nd place.

“Yung pagtatayo ng Kaliwa Dam sa Sierra Madre diba napaka big issue ... gaano siya makakaapekto sa atin especially kapag nasira na ang ating Sierra Madre [na] nagpoprotekta [sa

atin sa] bagyo,” Alexander Bebida, SLSU actor professed.

With histrionic portrayal of Mangyan experiences, Occidental Mindoro State College (OMSC) reaped the 3rd spot. Meanwhile, BatStateU- The NEU and Cavite State University fetched 4th and 5th spots.

Soft and emotional melodies filled the amphitheater during the Musical competition - Instrumental Solo.

Johna Lou Dayapan of SLSU took home the coveted gold for her Banduria performance of Bahay Kubo making a back-to-back win for their university since the STRASUC 2019.

Judges awed on Charol Allendale S. Manlolo’s performance of Saan Darating Ang Umaga in her Violin instrumental performance.

“First time ko actually ginawa yung double stop, kinakabahan ako d’on pero praise God nagawa ko siya ngayon,” Manlolo said.

Michael Angelo Falcan of RSU cried with joy as he won 1st place in the Classic Guitar Act for his performance of Dahil Sa Isang Bulaklak while Shayne Camylle L. Cinco of BatStateU-The NEU emerged as Champion in the Piano instrumental solo category.

Thus, the winners of the said competitions are set to compete on the National level.



Blazing exceptional talents and beauty

Southern Tagalog State Universities and Colleges (SUCs) glistened the stage as they showcased their moves on the Folk, Contemporary, and Streetdance Competition and capped it off with the coronation of the Festival King and Queen 2022 for the 6th Southern Tagalog Regional Association of State Universities and Colleges Culture and Arts Festival (STRASUC CAF), November 17.

Fostering the artistic interpretation and choreography projected in “La Jota Moncadeña”, Palawan State University (PSU) copped the gold in Folk dance competition, followed by the BatStateU-The NEU and Southern Luzon State University (SLSU) reaping the silver and bronze.

“I’m glad that STRASUC is promoting these [cultural dances] because it is important for every student especially at tertiary students who are educating themselves of what is really the idea of the Filipino, and one of the identification is through learning our various folk dances in the country,” Dr. Larry Gabao, Board of Judges Chairman, mentioned.

Meanwhile, Laguna State Polytechnic

University (LSPU) emerged victorious with a heart-rending performance portraying the theme of “Healing” in the Contemporary dance competition, followed by SLSU and PSU in 2nd and 3rd places, respectively. “Since contemporary is all about fluidity dance, we added technicalities, meticulous technicalities with it, and also, how we can portray healing to the concept,” Jomari Casunuran of LSPU exclaimed.

Occidental Mindoro State College grabbed the 1st spot as they set the stage on fire to give the crowd a glimpse of the past with their “lolo-esque” personality and lively emotions spread off stage. With good musicality and showmanship, Cavite State University (CavSU) and LSPU snatched the 2nd and 3rd spots in the Street dance competition.

The day culminated with the coronation of Ryan Kristopher Sacopon from University of the Philippines- Los Baños, and Cleveris Villapando from Southern Luzon State University as the 6th STRASUC Festival King and Queen 2022. Accordingly, they are set to match their native talents and beauty in the National Culture and the Arts Festival (CAF) 2023.

6TH STRASUC CULTURE AND THE ARTS FESTIVAL KING & QUEEN 2022



After the crowning moment of STRASUC Culture and the Arts Festival King and Queen 2022, winners strike their best smiles and poses.

Drawing curtains for STRASUC CAF 2022

Honing the spirit of camaraderie, BatStateU - The NEU formally concluded the 6th Southern Tagalog Regional Association of State Universities and Colleges Culture and Arts Festival (STRASUC CAF) at the Gov. Feliciano "Sanoy" Leviste Multi-purpose Gymnasium, November 18.

The ceremony commenced with a solemn invocation of "Dakilang Katapatan" and the singing of the national anthem by the BSU Ad Libitum Chorus. Mr. Mark Emmanuel S. Magsino, Festival Overall Chairperson delivered a speech emphasizing the honor and excellence that the delegates attributed to the SUCs they proudly represented.

Highlights of the four-day festival were shown in an audio-visual presentation collated by FOCUS BatStateU Camera Club, followed by the awarding of certificates to all the participating SUCs.

Dr. Elaine M. Francisco, President of STRASUC Academic Council delivered her message of gratitude and commended the efforts of all the committees involved.

Southern Luzon State University (SLSU) received roaring applause from the crowd as they were announced as the Overall Champion of STRASUC CAF 2022 earning a total of 85 points, followed by BatStateU - The NEU in the second spot with 74 points and Occidental Mindoro State

College in the third spot with 52 points.

In a post-awarding talk, Mr. El Doulos B. Chua, SLSU Culture and the Arts Director, emphasized the importance of friendship and inter-university camaraderie upon winning top spot in the overall tally.

"Oo, goal namin manalo pero bonus na sa'min 'yon, ang mas pinapahalagahan namin ay yung friendship namin with other State Universities," Mr. Chua expounded.

Mr. Magsino said in an interview that they anticipated the hype and longing of the students for the regional event after the two-year hiatus.

"We want that comeback [to be] a remarkable one for the students, we really want to make sure to give justice to this particular comeback," Mr. Magsino added.

The ceremony ended with the acceptance of Occidental Mindoro State College of the challenge of hosting the STRASUC CAF 2023.

The 6th STRASUC CAF was a success, with SUCs showing their strong commitment to preserving and promoting Filipino culture and arts. The festival also demonstrated the power of collaboration and the importance of art and culture in modern society.

BatStateU Teams bag International Awards in the EIC '22

A team of BS Electronics Engineering students from Batangas State University, The National Engineering University victoriously emerged as “CHAMPION University Category” in the recently concluded Engineering Innovation Challenge (EIC) 2022 in Singapore. It was organized by the Institution of Engineers Singapore (IES) and Science Centre Singapore with the support of the Ministry of Education. The competition commenced in September 2022 and was concluded with a demo



and awards presentation during the celebration of Singapore’s National Engineering Day (NED) on November 19. With creativity and innovation, the team topped other finalists from different countries including students from the National University of Singapore and Nanyang Technological University who came second and third respectively.

Their innovative models were evaluated based on the final product, creativity, design and methodology, originality of the research problem and teamwork. The BatStateU four (4) engineering teams composed of five (5) engineering students and a faculty mentor that made it to the finals of the EIC 2022 under University Category. The team who worked tenaciously on the innovation project, AI-aquaponics-360 included Marc James M. Beltran, John Vincent D. Biscocho, Lawrence M. De Castro, Maria Nelly S. Magboo, and Jerico D. Matibag. They used the Internet of Things (IoT) and Artificial Intelligence (AI) to create an intelligent small-scale aquaponics system, for the monitoring and control of aquaponics parameters, as well as its botanical and zoological components, innovatively designed for food sustainability and security through home urban farming. Dr. Alvin S. Alon, Head of the Digital Transformation Center, BatStateU mentored the team and resolutely guided them all throughout the competition.

The “Merit Awards” in the same category were received by the two other teams from

BatStateU with their entries: Intelligence Road Quality Monitoring System with Vibration-Sensing Device and Machine Vision Camera dubbed as AI-Rover by John Lloyd A. Austria, Alyssa Mharbie T. Aleta, Nicole L. Librea, James D. Mondelo, and John Carlo L. Padua, mentored by Dr. Anton Louise P. De Ocampo; and the AI 3D SET GO, an AI-Optimized 3D-Printed Adsorbents Decorated with Waste PET Plastic-Derived Metal-Organic Frameworks for Effective and Sustainable Wastewater Remediation by Lawrence V. Portillo, Alvin D. Javier, Andrea A. Rubia, and Abigayle Vince G. Cruz, coached by Dr. Reymark D. Maalihan.

Team EUGTO, which seeks to establish Urban Building Placements and Generating Environmental Impacts Through Artificial Intelligence has the following student members: Rosselle June M. Asi, Eloiza Jean D. Atienza, Clarisse F. Fajarito, Christine Marie V. Oca, and Abegail B. Pangilinan under the BS Electronics Engineering. They were mentored by Dr. Anton Louise P. De Ocampo, Faculty of Electronics Engineering Department and Head of Electronic Systems Research Center.

The BatStateU finalists were supported by the research centers under the Science, Technology, Engineering and Environment Research (STEER) Hub such as the Digital Transformation Center (DTC), Electronic Systems Research Center (ESRC), Material Testing and Calibration Center (MTCC) and the Center for Innovations in Engineering Education (CIEE).

Beyond the monetary reward of SGD 8,000.00 for the Champion Team, additional gains were the reward of gaining maturity, building self-confidence, having a greater

appreciation of teamwork and professionalism, and an opportunity to develop their potential in providing an innovative solution to a more sustainable future, the inspiration it provides among young Filipino engineers and students even.

Truly, Batangas State University, the National Engineering University continuously manifests excellence, creativity and commitment to staying true to its mandates to achieve relevance and create transformative impact through innovations towards a sustainable future.

Red Spartans win Multiple Awards and Recognitions in 2022 National Competitions

Batangas State University, The National Engineering University (BatStateU-The NEU) continues to showcase its excellence in academics, research, and innovation as BatStateU students bagged awards and received recognitions in 2022 national competitions.



With their video entry dubbed “BREAKFAST TIME,” students from BS Nutrition and Dietetics, namely: Al John S. Llagono, Andrea Kristine P. Agdon, Vince Nigel Son, John Patrick A. Orlina, and Vhera Patrishe M. Hernandez, together with their coaches Ms. Kristia Lei A. Reyes

and Ms. Rochelle Ann S. Quinia-Tolosa, bested seven other shortlisted schools and won first runner-up in the 2022 National Masterclass Competition. This was organized by Nestle Philippines and the Nutritionist-Dietitians’ Association of the Philippines.



Also crowned as Champion, Dan Ferial Villanueva is a BS Chemistry student who won in the 26th Philippine Statistics Quiz (PSQ) Regional Competition on November 14. Mentored by Dr. Karen P. Nocum, Villanueva represented Region IV-A (CALABARZON) in the National Statistics Quiz 2022.



Meanwhile, another award was bagged by a group of BS Instrumentation and Control Engineering graduates who placed second in the Agri-Aqua Innovation Challenge (student category). Recognized as Team Aqualink, their winning piece is an IoT-based platform with data analytics capabilities for the aquaculture industry. This innovation challenge, funded by

the Department of Science and Technology - Philippine Council for Agriculture and Resources Research and Development (DOST-PCAARRD) in partnership with the Asian Institute of Management (AIM), commenced early this year and culminated with a pitch competition on November 9, 2022.

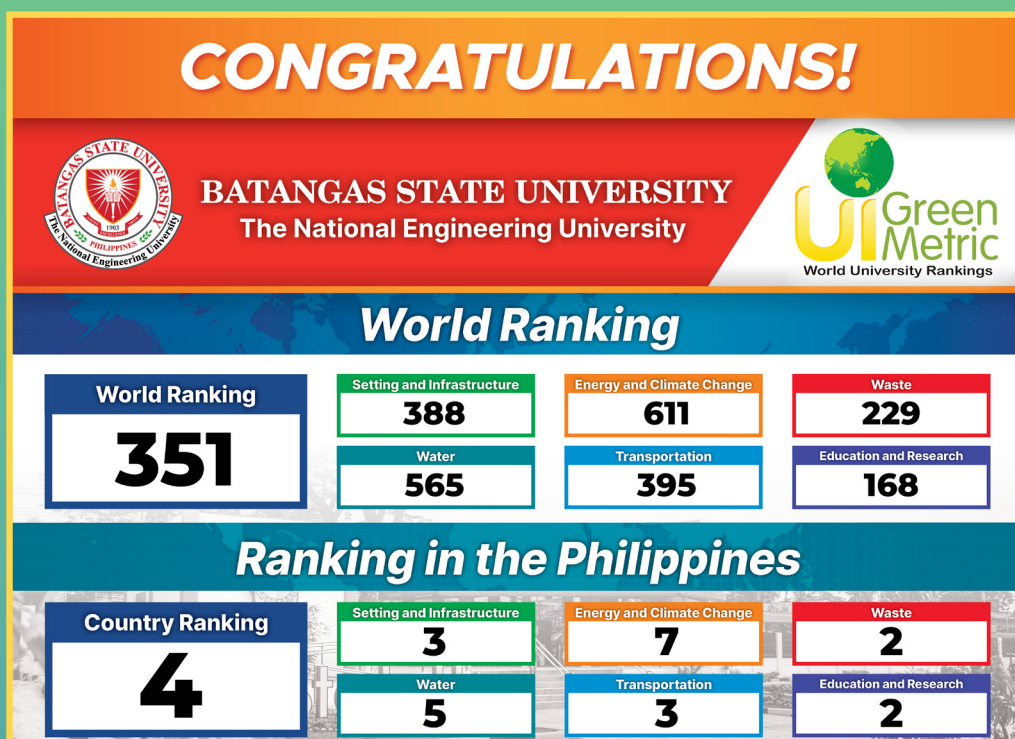


Mentored by Engr. Albertson D. Amante, Vice President for Research, Development, and Extension Services, and Asst. Prof. John Richard M. Esguerra, Head of the Center for Technopreneurship and Innovation, BS Instrumentation and Control Engineering (ICE) graduates Engr. Kim Harvey R. Vilela and Engr. Eauduelle Joshua L. Garcia and Engr. Ramon M. Ceriaca Jr. beat out over 400 other applicants from across the country and won Php 150,000 cash prize. Their team partnered with BatStateU BS Electronics Engineering (ECE) students, including Marc James Beltran, John Vincent Biscocho, Laurence de Castro, Maria Nelly Magboo, Emmanuel Mapalitan, Jerico Matibag, Ilorde Mores, John Carlo Padua, Karl Angelo Radovan, and Andrea Rivera.

Correspondingly, the winning project ensures effective monitoring using IoT and data analytics, coupled with insurance, and is responsive to the attainment of SDGs 2: Zero Hunger; 8: Decent Work and Economic Growth; 9: Industry Innovation and Infrastructure; 12: Responsible Production and Consumption; 13: Climate Action; 14: Life Below Water; and 17: Partnerships for the Goals.

The BatStateU community takes pride in these outstanding accomplishments, proving further that the university is committed to providing quality education and fostering a culture of innovation and excellence.

BatStateU-The NEU enters 2022 UI GreenMetric World University Rankings



Authenticating its strong commitment to contribute to a more sustainable world, Batangas State University, The National Engineering University (BatStateU -The NEU) was hailed as the 351st World’s Most Sustainable University in the 2022 UI GreenMetric World University Rankings, and 4th in the country.

As a first-time participant in the said ranking, BatStateU-The NEU successfully garnered 6,760 points from 39 indicators in six different criteria namely: energy and climate, waste, water, transportation, and education and research through the university’s sustainability commitment and initiatives, where the university ranked 168th in the world in the area of education and research.

Dr. Tirso A. Ronquillo, University President, thanked all members of the University for their collective actions towards sustainability, especially the task force which initiated the collection and submission of the required data to the UI GreenMetric portal.

Recently, the university further made its sustainability efforts more robust by establishing the Center for Sustainable Development (CSD), to ensure that sustainability is an essential component of the University’s core duties of instruction, research, innovation, and extension services, as well as its general administrative and general support services functions.

As part of the abovementioned efforts, the university likewise designated Sustainability

Development Officers (SDOs) per constituent campus to ensure that the programs, projects, and activities (PPAs) on a campus level are aligned with the SDGs, and approved by the University Policy Guidelines for the Attainment of Sustainable Development Goals by virtue of Board Resolution No. 136, s. 2022.

With the theme “Collective Actions for Transforming Sustainable Universities in the Post-Pandemic Time,” the UI GreenMetric was participated by 1,050 higher education institutions (HEIs) across the globe, and focuses on higher education’s efforts to continue their sustainability programs and policies based on Sustainable Development Goals (SDGs) while preparing for teaching, learning, and research in post-pandemic COVID-19.

Developed since 2010 by the University of Indonesia, UI GreenMetric is the first ranking in the World that has established a Voluntary Standard for improving university infrastructure and action towards sustainable universities worldwide.

Complete results of the rankings are available at the UI GreenMetric website.



Region IV-A and IV-B SUCs convene at BatStateU for the Regional Futures Consortium Workshop

Eleven state universities and colleges from Regions IV-A and IV-B convened at BatStateU-The NEU Pablo Borbon on December 15, 2022, for the Regional Futures Consortium Workshop: High Level Anticipatory Leadership and Governance Executive Course Day 3. The conference, which was initiated by the Senate Committee on Sustainable Development Goals, Innovation, and Futures Thinking, aimed to bring together the brightest minds in the region to discuss and come up with creative solutions to the challenges that their communities are currently facing by using Futures Thinking concepts and tools.

Participating SUCs:





Regional Futures Consortium Training: High Level Anticipatory Leadership and Governance Innovative Response



PhilFutures Board of Directors presented a Certificate of Recognition to Dr. Tirso A. Ronquillo, BatStateU University President.

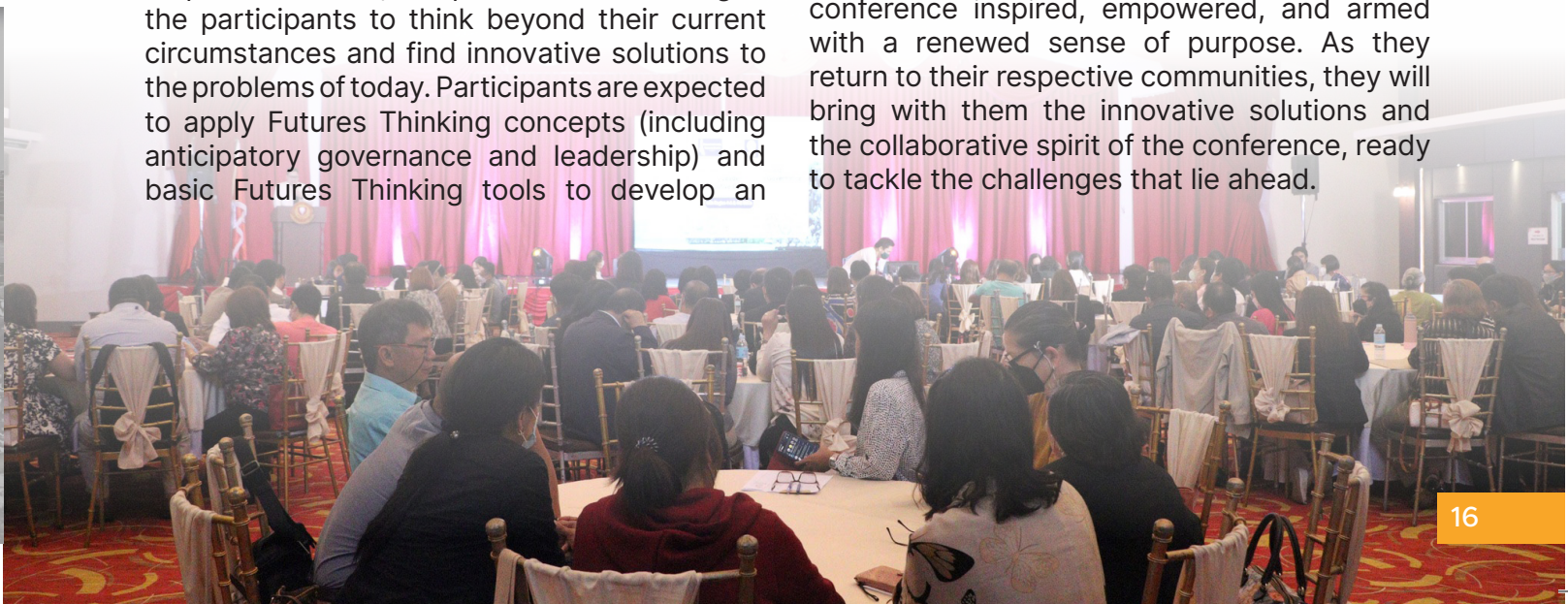
The conference was a showcase of the significant role that futures thinking can play in addressing regional and national issues. Participants engaged in thought-provoking discussions and interactive workshops, where they explored the use of foresight and transformative futures to create a brighter future. More than just a gathering of experts, it also served as a platform for the exchange of ideas and the creation of new partnerships.


With the theme “High Level Anticipatory Leadership and Governance,” the conference provided a space for attendees to dive deep into the future of their communities and find ways to create a better tomorrow. The keynote speakers, who are known experts in their respective fields, inspired and challenged the participants to think beyond their current circumstances and find innovative solutions to the problems of today. Participants are expected to apply Futures Thinking concepts (including anticipatory governance and leadership) and basic Futures Thinking tools to develop an

indicative regional research agenda at the end of the workshop.

During the closing ceremony, BatStateU-The NEU President Dr. Tirso A. Ronquillo stated, “Being the host university, we are honored to have been chosen as the venue for this important gathering of minds to explore and harness the power of futures thinking in higher education.” He further highlighted the collective effort of the Philippine Futures Thinking Society for State Universities and Colleges in helping strengthen the links between higher education and national development.

The Regional Futures Consortium Workshop was a success, and its impact will be felt for many years to come. The participants left the conference inspired, empowered, and armed with a renewed sense of purpose. As they return to their respective communities, they will bring with them the innovative solutions and the collaborative spirit of the conference, ready to tackle the challenges that lie ahead.





Inauguration and Opening of The Gateway to the Philippines' National Engineering University and Fitness Development Center marks a new milestone to BatStateU-The NEU



Another milestone was marked in the history of Batangas State University, The National Engineering University (BatStateU - The NEU) after the Inauguration and Opening of The Gateway to the Philippines' National Engineering University dubbed as "Gateway to Greatness" and the Fitness Development Center at BatStateU Alangilan, December 22, 2022.

The Gateway to Gr eatness is the symbolic portal of the Philippines' National Engineering University. Structured akin to the outline of Pi (π), which to the Greeks means "circumference" or "periphery", the Gateway to Greatness resonates the University's spirit as The National Engineering

University to make a mark and to lead in the engineering and technological, and emerging fields in the age of digital transformation.

The wave-like roof of the Gateway to Greatness represents flexibility and adaptability

which characterize the Red Spartans as they respond to the rapidly changing needs of the nation and the world. The gap between two surfaces of the roof represents the distance to perfection, the need for continuous innovation, and the constant reminder to address challenges through research and development and generation of meaningful solutions. The two main columns that support the discontinuity of two roof surfaces represent the partnerships needed in a collaborative world.

On the other hand, the Fitness Development Center, which was inaugurated on the same day, actualizes the dream for every Red Spartan as

builders of communities and the nation – strong in body, resilient in spirit, and wise in mind. It shall bear witness to the spirit of discipline, sportsmanship, and fairness and be a testament to the commitment of BatStateU-The NEU, to the holistic formation of mind and body of every Red Spartan.

“I envision this Fitness Development Center (FDC) as the center for holistic training of every Red Spartan. This FDC is, so far, the biggest gymnasium of BatStateU which can accommodate up to 4,000 guests”, Dr. Ronquillo shared during his message. He also commended the officials of BatStateU-Alangilan who are working so hard for



The Fitness Development Center (FDC) at BatStateU Alangilan

the accomplishment of the developments in the campus. He concluded his message by expressing his hope and prayer that may the dear Lord continue to give everyone the strength and wisdom to serve the community, and the nation.

The inauguration ceremonies were graced by the members of the BatStateU Presidential Advisory Council, and the entire Red Spartan Community.

Situated in Alangilan, Batangas City, BatStateU-

Alangilan is home for the University's more than 19,000 students under the College of Engineering, College of Architecture, Fine Arts and Design, College of Industrial Technology, and College of Informatics and Computing Sciences. Housing first-class advanced laboratories for technology, computing, and engineering students, other dynamic and interactive learning spaces, research and innovation hub, and niche research centers, BatStateU-Alangilan embodies the university campus of the future.



Dr. Tirso A. Ronquillo unveils vision on Engineering Progress at Batangas Development Summit (BDS) 2022

The Batangas Development Summit (BDS) 2022, held at Lima Park Hotel, Lipa-Malvar, Batangas on December 2, welcomed a renowned figure in the academic and engineering world, Dr. Tirso A. Ronquillo, President of the Philippines' National Engineering University, as one of its keynote speakers.



With a focus on “The Philippines’ National Engineering University: Powering the Progress of Batangas and the Philippines,” Dr. Ronquillo shed light on the crucial role of engineering in driving economic and social progress. He emphasized the importance of innovation and collaboration in addressing the challenges faced by the engineering industry and the nation as a whole.

“Batangas State University is one of the 114 state universities in the Philippines, with over 11 campuses. It was founded in 1903 and has evolved over the years to become the largest engineering school in the country, offering over a hundred academic programs, 46 of which are engineering programs. As



the National Engineering University, we are tasked with providing leadership in shaping a new vision in engineering education in the country,” Dr. Ronquillo shared during his talk at BDS 2022. In order to create a creative, cooperative, and technologically advanced society, he also spoke about the significance of embracing research and digital transformation and expressed the university’s willingness to cooperate with business, government, and other academic institutions in order to empower the development of the Province of Batangas and the Philippines.

The province of Batangas is positioning itself as an important gateway to the progress and development of the rest of the country, as stressed by Gov. Hermilando Mandanas during his speech. He acknowledged the contribution of the Batangas State University, The National Engineering University (BatStateU- The NEU), designated as the country’s National Engineering University, in the province’s push to be the gateway for progress and development in the CALABARZON (Cavite, Laguna, Batangas, Rizal and Quezon) region and the whole country. “Here (BatStateU), we really have the basic ingredients ... with the ideas, the creativity [and innovation],” he added.

According to Dr. Ronquillo, BatStateU- The NEU stays true to its mandate by continuously producing engineers and leaders needed by CALABARZON and the rest of the country and adapting programs and courses to local needs.

Dr. Ronquillo’s insights on the current state and future prospects of the engineering industry were widely praised. His thought-provoking presentation sparked lively discussions among the attendees and the media during the press conference.

The annual event, which gathers leaders from the business, government, and academic sectors, provided a platform for the attendees to exchange ideas and share their thoughts on how to further spur economic and social development not only in Batangas but also in the CALABARZON region.

The Batangas Development Summit, a gathering of like-minded individuals and organizations working towards the same goal, is a testament to the power of collaboration and the positive impact it can have on communities and nations. Certainly, BDS 2022 has set the stage for even greater achievements in the future.



10th National Conference and Scientific Meeting of ADCEP-Philippines kicks off in stately style at BatStateU-The NEU

The 10th National Conference and Scientific Meeting of the Association of Development Communication Educators and Practitioners - Philippines 2022 (ADCEP) officially kicked off in stately style at Batangas State University- The NEU's Multipurpose Hall, on December 1-3. More than 80 participants from over 20 colleges and universities all over the Philippines were gathered during this three-day conference to share their expertise and experiences, as well as engage in thought-provoking discussions and presentations.

Held under the theme "Adaptive DevCom in Challenging Times: Reconfiguring for the Future", the conference aimed at exploring new and innovative ways to use DevCom as a tool for driving positive change in communities across the country now and for the future. Participants also had the opportunities to network and form partnerships that will help to advance the DevCom field.

The first day of the conference commenced with welcome remarks from Dr. Expedito V. Acorda, Chancellor of BatStateU Pablo Borbon campus and a message from ADCEP-Philippines President, Dr. Ulderico B. Aviola. Subsequently, a keynote speech by Dr. Maria Stella C. Tirol, Dean of University of the Philippines- Los Banos-College of Development Communication (UPLB-CDC), made the day even more intellectually stimulating as she shared about DevCom education in a VUCA (volatile, uncertain, complex, and ambiguous) world. She also emphasized that the utmost need and undoubtedly one of the most important pillars

of civilization is transformative education for its evolution, survival and proliferation. Plenary talk was given by Mr. Hussein Macarambon of United Nations - International Labour Organization (UN-ILO) highlighting communicating labor migration, while capacity building sessions (publishing journal articles) with the Philippine Journal of DevCom led by Dr. Serlie Jamias, Asst. Prof. Garry Montemayor, and Asst. Prof. Avril De Guzman Madrid was also featured. Another talk was given by Engr. Achie Jimenez Denna of 90 Degrees North Media stressing the vitality and use of community media technologies.

On the other hand, the second day became even more riveting as it featured a number of exciting roundtable discussions on remote teaching and learning experiences with Dr. Mildred Moscoso and Asst. Prof. Romel Daya, followed by socials in the evening. Highlights included sharing about the importance of collaboration and partnerships in achieving effective DevCom outcomes. There was also a panel discussion on the role of media in



Dr. Ulderico B. Alviola | President, Association of Development Communication Educators and Practitioners - Philippines



Ms. Cherrie D. Atilano | Keynote Speaker, 10th National Conference and Scientific Meeting of the Association of Development Communication Educators and Practitioners - Philippines 2022 (ADCEP)



Dr. Serlie B. Jamias | Keynote Speaker, 10th National Conference and Scientific Meeting of the Association of Development Communication Educators and Practitioners - Philippines 2022 (ADCEP)


promoting national development, where experts shared their insights and experiences on the topic.

“The development communication program is critical in realizing our University’s mantra of “Leading Innovations, Transforming Lives, and Building the Nation,” said Dr. Tirso A. Ronquillo, President of BatStateU-The NEU, an institutional builder and pillar of higher education leadership in the Philippines. He also urged development communicators to be ready to assist their particular institutions in making development visible to the grassroots and the immediate community to which they belong.

The second day of the conference also included a number of interactive workshops and training sessions which allowed attendees to learn new skills and strategies to improve their DevCom practice. The day also featured a number of engaging paper presentations in which DevCom experts shared their research and discoveries on a variety of themes.

The last day of the conference was dedicated to a series of roundtable discussions, where attendees engaged in more in-depth conversations and debates on the most pressing issues facing the DevCom field. The concluding keynote featured a multi-awarded advocate and social entrepreneur, Ms. Cherrie D. Atilano, a Food Systems Champion and a Nutrition Ambassador of the United Nations. She delivered the closing keynote on championing Food Security through Effective Communication Strategies. The day was concluded with a closing ceremony and awards presentation, where top contributors to the DevCom field were recognized for their efforts.





Prof. Anuradha Ranasinghe of Liverpool Hope University, United Kingdom shares her expertise on Haptic Perceptions in Robotics

Prof. Anuradha Ranasinghe of Liverpool Hope University, United Kingdom shared her expertise on Haptic Perceptions in Robotics at BatStateU-The NEU Pablo Borbon, on December 5.

Driven by the idea that robotics is inclusive and interdisciplinary, she elucidated Guided Haptics, Miniaturized-haptic based Sensors and significant issues in the field including vision-touch interactions, affective touch and its applications.

Professor Ranasinghe's lecture was met with enthusiasm, as attendees were both mesmerized and enlightened by the possibilities of how robotics can help us understand the complexities of human tactile perception.

The Distinguished Lecture Series was graced by Prof. Raouf Naguib of Liverpool Hope University, Mr. Daniel Gonzalvo from British Council Philippines, BatStateU Research Center Heads, BatStateU faculty members, and participants from other State Universities and Colleges.

Organized by the BatStateU College of Engineering (CoE) in partnership with the British Council Philippines, the event served as an opportunity for the faculty to learn from a renowned expert in the field.





BATANGAS STATE UNIVERSITY
The National Engineering University

CONGRATULATIONS!

New Customs Brokers, the Faculty and Staff
College of Accountancy, Business, Economics,
and International Hospitality Management (CABEIHM)
Pablo Borbon Campus



John Ro Aaron H. Ramos, **LCB**
Top 1



Christine Veronica G. Calingasan, **LCB**
Top 2



Ma. Fatima A. Carag, **LCB**
Top 7



Arvin I. Faigmani, **LCB**
Top 9

Top 1 PERFORMING SCHOOL | **58 NEWLY LICENSED CUSTOMS BROKERS**
82.86% Passing Rate (58 out of 70)

BatStateU-The NEU emerges as the TOP PERFORMING SCHOOL in CBLE 2022, bags 1st, 2nd, 7th, and 9th spots

Batangas State University, The National Engineering University, has once again proven its academic excellence as it emerged as the top-performing school in the recently concluded Customs Brokers Licensure Examination (CBLE) 2022. As released by the Professional Regulation Commission (PRC) on November 8, 2022, BatStateU-The NEU obtained an 82.86% passing percentage, higher than the 46.46% national passing rate. Out of 1,879 examinees nationwide, BatStateU graduate Mr. John Ro Aaron H. Ramos was hailed as the Top 1, notching a passing rate of 91.50%.

Correspondingly, another three (3) BatStateU graduates also aced the examination: Ms. Christine Veronica G. Calingasan with a 91% rating, bagged the 2nd spot, while Ms. Ma. Fatima A. Carag with an 89% rating, and Mr. Arvin I. Faigmani with an 88.50% rating, reaped the seventh and ninth spots, respectively.

Overall, BatStateU-The NEU has successfully registered 58 new licensed customs brokers. These results demonstrate the remarkable dedication and excellence of BatStateU-The NEU in providing its students with quality educational experience that sets them up for success in their chosen professions.

It is indeed another remarkable feat not only for the College of Accountancy, Business, Economics, and International Hospitality Management (CABEIHM) Pablo Borbon campus but for the entire BatStateU community as it continues to strive for excellence in their programs, invest in the quality of their faculty, and ensure the overall well-being of their students so that they may go out into the world and serve as powerful ambassadors of progress. The university remains steadfast in its adherence to produce world-class leaders in the global knowledge economy.

BatStateU Family shines

Brightly as One



Batangas State University, The National Engineering University recently held its annual Christmas Party, bringing together the university officials, faculty, and staff to celebrate the holiday season in a dazzling display of unity and goodwill. Held December 22nd at the Fitness Development Center on the Alangilan Campus, the festive event was a shining example of the power of community and the spirit of the season.



The event was packed with a wide range of activities designed to spread holiday cheer and build community spirit, the party was more than just a social gathering. University President Dr. Tirso A. Ronquillo reminded attendees of the true essence of Christmas, stating that it is a precious time to be together with friends and colleagues, as well as a time to give thanks to God for all their blessings.

The university's employees, including faculty, staff, and administrators, are the driving forces behind the institution's achievements and reputation. According to Dr. Ronquillo, "It is the employees of a university

who contribute significantly to the overall reputation and success of the institution. They are responsible for carrying out the mission and vision of the University, providing high-quality education and research, and fostering a positive and supportive learning environment for students.”

Adding extra sparkle to the event with their dynamic and entertaining performance, the University Student Council (USC) and Faculty Confederation showcased their wide range of talents and skills. The song and dance performances celebrated the joy of sharing and giving, reminding attendees of the importance of coming together to show love and appreciation for one another.

Dr. Charmaine Rose I. Triviño, Vice President for Academic Affairs, extended her gratitude to faculty members and non-academic staff for their hardwork and dedication throughout the year. She emphasized the importance of a positive attitude in overcoming challenges and promoting overall well-being and happiness.

With performances from each constituent campus highlighting the talents of people from the academe and non-teaching personnel, the B-The NEU (New) STAR competition was a true celebration of the holiday season. Among the 5 constituent campuses, BatStateU-The NEU ARASOF-Nasugbu campus won the said competition. Furthermore, there were also several games and holiday-themed activities organized by the event committee, including raffle, BatStateU Amazing Race, and PTAR says.

The festivities were even made merrier by the greetings from various officials such as the Vice President for Research, Development, and Extensions Services Engr. Albertson D. Amante, Vice President for

Development and External Affairs Atty. Noel Alberto S. Omandap and the Vice President for Administration and Finance Atty. Luzviminda C. Rosales who announced the grant of gratuity pay to job orders and other allowances/bonuses to be received by permanent employees, bringing a warm and joyful glow to the entire venue.

On a day filled with excitement and anticipation, faculty and employees who nailed the themed dress code were given special awards. As the finalists made their turns, the judges could not help but be drawn to the radiating energy of a few individuals. And before long, the much-awaited announcements were made. Mr. Jacobson Labay and Ms. Emerita Generoso were crowned Mr. and Mrs. Star of the Day, shining brightest among the

crowd. Meanwhile, Mr. Estelito Punongbayan and Ms. Eleonor Sepillo received the prestigious Mr. and Mrs. Perpetual award, a testament to their enduring and timeless charm. Moreover, the Vibrancy Award was presented to the dynamic duo of Mr. Elbemar John Barairo and Ms. Donalyn Celso Caisip, who brought life and energy to the event. Last but certainly not the least, Mr. Brian Magboo and Ms. Daffney Anne De Chavez were awarded the Spotlight Award, stealing the show with their charming personalities.

As the night drew to a close, it was clear that the Batangas State University’s annual Christmas party was a true celebration of the holiday season, with unity, generosity, and the spirit of giving shining brightly among the Red Spartans.



COLLEGE OF ENGINEERING, ARCHITECTURE AND FINE ARTS

Doctor of Philosophy in Electronics Engineering
 Doctor of Philosophy in Engineering Management
 Doctor of Philosophy in Engineering Education
 Straight Master's-Doctorate in Electronics Engineering
 Master of Science in Computer Engineering
 Master of Science in Electronics Engineering
 Master in Urban Planning and Design
 Master of Science in Advanced Manufacturing
 Master of Science in Construction Management
 Master of Science in Earthquake Engineering
 Master of Science in Engineering Management
 Master of Science in Energy Engineering
 Master of Science in Material Science and Engineering
 Master of Science in Artificial Intelligence
 Master of Science in Transportation Engineering
 Master of Engineering

- Major in Civil Engineering
- Major in Chemical Engineering
- Major in Computer Engineering
- Major in Electrical Engineering
- Major in Electronics Engineering
- Major in Environmental Engineering
- Major in Industrial Engineering
- Major in Mechanical Engineering

 Bachelor of Science in Civil Engineering
 Bachelor of Science in Computer Engineering
 Bachelor of Science in Electrical Engineering

- Major in Machine Automation & Process Control
- Major in Renewable Energy Resource Design

 Bachelor of Science in Industrial Engineering
 Bachelor of Science in Mechanical Engineering
 Bachelor of Science in Petroleum Engineering
 Bachelor of Science in Sanitary Engineering
 Bachelor of Science in Chemical Engineering
 Bachelor of Science in Electronics Engineering

- Major in Information & Communication Technology
- Major in Microelectronics

 Bachelor of Science in Food Engineering
 Bachelor of Science in Instrumentation & Control Engineering
 Bachelor of Science in Mechatronics Engineering
 Bachelor of Science in Naval Architecture and Marine Engineering
 Bachelor of Science in Automotive Engineering
 Bachelor of Science in Aerospace Engineering
 Bachelor of Science in Biomedical Engineering
 Bachelor of Science in Ceramics Engineering
 Bachelor of Science in Geodetic Engineering
 Bachelor of Science in Geological Engineering
 Bachelor of Science in Metallurgical Engineering
 Bachelor of Science in Transportation Engineering
 Bachelor of Science in Architecture
 Bachelor of Fine Arts major in Visual Communication
 Bachelor of Science in Interior Design

COLLEGE OF ACCOUNTANCY, BUSINESS, ECONOMICS AND INTERNATIONAL HOSPITALITY MANAGEMENT

Doctor in Business Administration
 Doctor in Public Administration
 Master of Business Administration
 Master in Public Administration
 Master in Disaster Risk Management
 Master in Port Management
 Master in Supply Chain Management
 Diploma in Disaster Risk Management (non-degree)
 Bachelor of Science in Accountancy
 Bachelor of Science in Management Accounting
 Bachelor of Science in Business Administration

- Major in Business Economics
- Major in Financial Management
- Major in Human Resource Management
- Major in Marketing Management
- Major in Operations Management

 Bachelor of Science in Entrepreneurship
 Bachelor in Public Administration
 Bachelor of Science in Hospitality Management
 Bachelor of Science in Tourism Management
 Bachelor of Science in Customs Administration

COLLEGE OF NURSING AND ALLIED HEALTH SCIENCES

Bachelor of Science in Nursing
 Bachelor of Science in Nutrition and Dietetics
 Bachelor of Science in Public Health (Disaster Response)

COLLEGE OF LAW

Bachelor of Laws

COLLEGE OF MEDICINE

Doctor of Medicine

COLLEGE OF INDUSTRIAL TECHNOLOGY

Doctor of Technology
 Master of Technology
 Bachelor of Industrial Technology

- Major in Automotive Technology
- Major in Civil Technology
- Major in Computer Technology
- Major in Electrical Technology
- Major in Electronics Technology
- Major in Instrumentation and Control Technology
- Major in Mechanical Technology
- Major in Mechatronics Technology
- Major in Welding and Fabrication Technology
- Major in Food Technology
- Major in Drafting Technology

COLLEGE OF INFORMATICS AND COMPUTING SCIENCES

Master of Science in Computer Science
 Master of Science in Information Technology
 Master in Information Technology
 Master of Science in Data Science and Analytics
 Bachelor of Science in Computer Science
 Bachelor of Science in Information Technology

- Major in Service Management Track
- Major in Business Analytics Track
- Major in Network Technology Track

COLLEGE OF TEACHER EDUCATION

Doctor of Education in Educational Management
 Doctor of Philosophy in Educational Management
 Doctor of Philosophy in Mathematics Education
 Master of Arts in Education

- Major in Educational Management (Thesis/ Non-Thesis)
- Major in English Language Teaching
- Major in Mathematics Teaching
- Major in Science Teaching
- Major in Pagtuturo ng Filipino
- Major in Psychology
- Major in Physical Education
- Major in Social Studies Teaching
- Major in Technology and Livelihood Education Teaching

 Bachelor of Elementary Education
 Bachelor of Early Childhood Education
 Bachelor of Secondary Education

- Major in English
- Major in Mathematics
- Major in Sciences
- Major in Filipino
- Major in Social Studies
- Major in Values Education

 Bachelor of Physical Education
 Bachelor of Technology & Livelihood Education

- Major in Home Economics

 Bachelor of Technical-Vocational Teacher Education

- Major in Garments, Fashion and Design
- Major in Electronics Technology

COLLEGE OF ARTS AND SCIENCES

Doctor of Philosophy in English major in Language and Literature
 Doctor of Philosophy in English
 Master of Arts in English major in Language and Literature
 Master of Science in Mathematics
 Master in Chemistry
 Master of Arts in Development Studies
 Master of Science in Marine Biology
 Master of Development Communication
 Bachelor of Arts in Communication
 Bachelor of Arts in English Language Studies
 Bachelor of Science in Biology
 Bachelor of Science in Chemistry
 Bachelor of Science in Criminology
 Bachelor of Science in Development Communication
 Bachelor of Science in Mathematics
 Bachelor of Science in Psychology
 Bachelor of Science in Fisheries

COLLEGE OF AGRICULTURE & FORESTRY

Bachelor of Science in Agriculture
 Bachelor of Science in Forestry

INTEGRATED SCHOOL

Kindergarten
 Grades I - VI
 Grades VII - X - Junior High School
 Grade XI-XII - Senior High School



Vision

A premier national university that develops leaders in the global knowledge economy

Mission


A university committed to producing leaders by providing 21st century learning environment through innovations in education, multidisciplinary research, and community and industry partnerships in order to nurture the spirit of nationhood, propel the national economy and engage the world for sustainable development

Core Values

Patriotism
Integrity
Excellence
Service
Resilience
Faith

Quality Policy

Batangas State University is committed to provide quality service to all customers and satisfy applicable requirements through continuous improvement of all university processes.



BATANGAS STATE UNIVERSITY

CHRONICLE



BATANGAS STATE UNIVERSITY
The National Engineering University

Leading Innovations, Transforming Lives, Building the Nation



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