BATANGAS STATE UNIVERSITY CHRONICLE

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Leading Innovations, Transforming Lives

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BATANGAS STATE UNIVERSITY CHRONCCLE

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IT'S OFFICIAL! As published in the Official Gazette of the Republic of the Philippines on August 20, the Batangas State University is categorized as SUC Level IV. This was approved by the National Evaluation Committee through NEC Resolution No. 001-2018 on June 14, and announced by the Commission on Higher Education through CHED Memorandum Order No. 12 entitled "SUC Levelling Results, SUC Levelling Benefits and SUC Levelling Appeal Procedures" on June 22.

BatStateU signs MOU with SUEP, SEPC

Batangas State University, Shanghai University of Electric Power (SUEP) and Shanghai Electric Power Construction Company (SEPC) signed a memorandum of understanding (MOU) on July 9 at the 7th Floor, Function Hall, CIRTC Building, Pablo Borbon Main I.

The partnership intends to provide opportunities for faculty members and students to actively participate in educational programs and practices among the three institutions in the areas of academic, administrative and professional development.

The scope of possible activities indicated in the MOU includes exchange of students, faculty, staff, academic information, research publication and other resources; enrolment of suitable qualified students in appropriate programs for both undergraduate and postgraduate studies; joint staff programs; development shared curriculum development activities: collaborative research and laboratory activities; student internship, and employment of graduates.

SUEP President Li Hexing extended his deepest appreciation to the BatStateU community for the warm accommodation. He also shared his optimism as regards the collaboration with BatStateU, being their first partner institution in the Philippines.

SUEP is a full-time higher learning institution co-run by the central government of China and the Shanghai municipality. Their main campus is located near the eastern urban district of Shanghai.

Meanwhile, SEPC was established in 1953, and is one of the most important energy enterprises in Shanghai. The company has witnessed the start of China's electricity industry, and a pioneer in "providing green energy and serving the public."



GLOBAL PARTNERSHIP. SUEP President Li Hexing, BatStateU President Dr. Tirso A. Ronquillo and SEPC Vice General Manager Zhang Yujie sign a memorandum of understanding to set out opportunities for collaboration in the areas of academic, administrative and professional development.

Nanyang Polytechnic explores possible areas of collaboration with BatStateU

Delegates from Nanyang Polytechnic (NYP) in Singapore were hosted by Batangas State University and the Department of Science and Technology (DOST) Region IV-A for a partnership meeting on August 1 at the 7th Floor Function Hall, CIRTC Building, BatStateU Pablo Borbon Main I, Batangas City.

The meeting was held to discuss the possible areas of collaboration between the two universities on the involvement and development of their students and staff.

According to NYP International Manager Judy Emily, the proposed collaboration aims to create overseas opportunities on applied research projects and internships.

She also stated that the partnership will promote cross cultural exchanges between the Philippines and Singapore, which will also support the capability development of the students and staff of both parties.

BatStateU President Dr. Tirso A. Ronquillo and NYP International Deputy



POSITIVE ENGAGEMENTS. NYP International Deputy Chief Executive Officer Dr. Henry Heng expresses his hope for significant collaborations with Batangas State University.

Chief Executive Officer Henry Heng exchanged messages of commitment to the anticipated collaboration.

Nanyang Polytechnic was established in April 1992. Today, the university's international arm, NYP International (NYPi), is responsible in keeping an enthusiastic effort to build and enhance their global presence. NYPi is also at the vanguard of strengthening their international partnerships and collaborations to open more opportunities for NYP students and staff.

First PH-Taiwan Univ Presidents' Forum held

As globalization in education has always been a primary goal for every higher education institution in the country, the very first Philippines-Taiwan University Presidents' Forum was held on August 23-24 at the Wack-Wack Golf and Country Club in Mandaluyong City.



GLOBALIZING EDUCATION. CHED Commissioner Dr. Lilian A. De Las Llagas (fifth from right), and BatStateU and PASUC President Dr. Tirso A. Ronquillo (sixth from right) lead the gathering of Philippine SUC Presidents with different Taiwanese universities and institutions during the first Philippine-Taiwan University President's Forum.

With the theme "Bridging Higher Education Institutions for Asian Inclusive Development," the forum aimed to promote and trade educational resources between the Philippines and Taiwan. It was organized by the Philippine Association of State Universities and Colleges (PASUC) and the Taiwan Education Center (TEC) -Philippines. Batangas State University and PASUC President Tirso A. Ronquillo welcomed nearly 200 participants and hoped that the forum "will build a strong foundation for cooperation by working together."

TEC - Philippines Ambassador Michael Pei-yung Hsu also shared his enthusiasm with the course of events.

"This is only the beginning and we look forward to increasing education cooperation between the two countries as our Ministry of Education has confirmed the position of an education officer to station in TECO in Manila."

During the forum, the participants exchanged insights on issues regarding the sharing of higher education resources and inclusive education between Taiwan and the Philippines, human capital development for OFWs, leadership development, technological advancement train hub, and industrycity-university partnership.

Taiwan Fair opens doors to Red Spartans

As part of TEC - Philippines' series of sponsored activities, a Taiwan Education Fair was held in Batangas State University on August 22 at the Governor Feliciano "Sanoy" Leviste Multipurpose Memorial Gymnasium, Pablo Borbon Main I, Batangas City.

Over 1,500 BatStateU students and faculty members attended the event where more than 15 Taiwanese academic institutions showcased their programs, projects, services and best practices relevant to student and faculty development.

Philippine Association of State Universities and Colleges (PASUC) and BatStateU President Dr. Tirso A. Ronquillo welcomed the delegates. He also encouraged the students and faculty members to "make the most out of the activity as they open new doors for continuous improvement."

Taiwan Education Center-Philippines Deputy Director Chia-Hao Hsu explained that the education fair will create more opportunities for Filipino students and faculty members to experience Taiwan's quality of education.

WuFeng University Vice President Tien-Hsin Li then extended his warmest gratitude to the BatStateU community for ensuring the success of the event. "Taiwan will touch your hearts and challenge your minds," the Vice President quipped, as he urged the participants to explore and know more about the country.



DISCOVERING OPPORTUNITIES. Batangas State University students explore academic opportunities in Taiwan's leading universities during the first ever Taiwan Education Fair held in the Philippines.

BatStateU proves excellence in 2018 PetroBowl Championship

A team of BS Petroleum Engineering students from Batangas State University once again proved global excellence as they represented the Philippines in the 2018 PetroBowl Championship during the Annual Technical Conference and Exhibition (ATCE) of the Society of Petroleum Engineering on September 24 in Dallas, Texas, USA.

A total of 32 teams from six different regions in the world participated in the said competition after winning in their respective regional qualifier rounds.

Batangas State University was one of the five universities selected after placing 4th runner-up in the Asia Pacific Regional Qualifier (APRQ), which was held at the China University



FILIPINO PRIDE. The BatStateU PetroBowl team showcases its ticket to the international championship in Texas, USA after winning a spot at the Asia Pacific Regional Qualifier.

of Petroleum (East China) in Qingdao, China on July 21.

The team was comprised of Manuel Adrian Abinuman, Ferdinand Goce Jr., Julian Chen Jimenez, and Peter Jake Araneta, with Engr. Julie Pearl Marasigan as the faculty coach.

In an interview, Araneta shared that having a strong faith in God allowed them to achieve victory despite the financial and time constraints to prepare for the competition.

Last year, the Red Spartan team was hailed as the APRQ champion, also competing in the 2017 PetroBowl Championship in USA.

Debuting in 2002 and going global in 2015, PetroBowl is an international competition that gathers Society of Petroleum Engineer student chapter teams to test their knowledge on the concepts and industry practices in petroleum engineering.

BatStateU hailed Best HEI in Gawad Kalasag IV-A



AT THE FOREFRONT OF SERVICE. *Left to right:* National Economic Development Authority IV-A Regional Director Luis G. Banua, Department of Social Welfare and Development IV-A Regional Director Annie E. Mendoza, Office of Civil Defense CALABARZON Regional Director Olivia M. Luces, Batangas State University President Dr. Tirso A. Ronquillo, Batangas City Mayor Beverley Rose A. Dimacuha, Batangas 5th District Representative Mario Vittorio "Marvey" A. Marino, and BatStateU Vice President for Research, Development and Extension Services Engr. Albertson D. Amante during the 20th Regional Gawad KALASAG 2018 awarding ceremony at the Tagaytay International Convention Center, August 30.

CALABARZON SCSD/SP conducts third quarter meeting

The Sectoral Committee on Social Development/Social Protection (SCSD/SP) of CALABARZON region conducted its third quarter meeting on August 7 at the Department of Social Welfare and Development (DSWD) Field Office IV-A in Alabang, Muntinlupa City.

Formed under the Regional Development Council (RDC), the committee is tasked to review the social development issues in the region, and to propose programs and projects that would promote the wellbeing of the people.

As the SCSD/SP Chairperson, BatStateU President Dr. Tirso A. Ronquillo presided the meeting.

Concerns on health, education and financial assistance were presented, including the free tertiary education law (Republic Act No. 10931), Philippine mental health law (RA No. 11036), Dengvaxia monitoring and updates, DSWD Lingap sa Masa, regional nutrition month activities, and the guidelines for RDC budget review.

To create a greater reach in the community, the CALABARZON SCSD endorsed the proposal on Adopt-A-Municipality by state universities and colleges (SUCs) in the region.

For this program, RDC IV-A identified 35 Convergence Areas for poverty alleviation from which SUCs will adopt at least one municipality to conduct beneficial outreach

programs and activities on sustainable livelihood, disaster management, and capacity building to aid in the community's social development.

The committee also endorsed the Go Earn Achieve Return Uplift Philippines (GEAR UP) Award and the creation of the local government units' culture inventory.

Information from the National Economic Development Authority IV-A Faithful to its mandate of building a disaster-resilient community, Batangas State University (BatStateU) gained recognition as the Best Higher Education Institution in the 20th Regional Gawad KALASAG 2018 awarding ceremony on August 30 at the Tagaytay International Convention Center.

KALASAG The Gawad (KAlamidad at Sakuna LAbanan, SAriling Galing ang Kaligtasan) is an annual recognition of private sectors, government and non-government organizations and individuals who have displayed significant contributions in accelerating disaster risk reduction and management in the nation. It is organized by the Office of Civil Defense - National Disaster Risk **Reduction and Management Council** (OCD-NDRRMC).

In addition to the institutional award, the BatStateU team that developed the Solar-Powered Isotropic Generator of Acoustic Wave (SIGAW) also claimed the Special Recognition Group Category. SIGAW is the university's self-made tsunami early warning device which was designed for seaside communities.

Together with the other regional winners, BatStateU will move forward as one of the nominees in the Gawad KALASAG National Awards, which is currently going through its national evaluation process.



PLAQUE OF GRATITUDE. DSWD Director Annie Mendoza (second from right) receives the resolution of appreciation for hosting the 2018 third quarter SCSD meeting from CALABARZON RDC and SCSD Vice-Chairperson Director Luis G. Banua, RDC Co-Chairperson Engr. Ladislao Andal, SCSD Chairperson Dr. Tirso A. Ronquillo, and Private Sector Representative Josephine C. Parilla of PATAMABA-WISE. *Photo from the National Economic Development Authority IV-A*

SP Students complete LeX Program in BatStateU

The third batch of students from Singapore Polytechnic (SP) completed their twelveday Learning Express (LeX) Program, which lasted from September 17 to 28, at Batangas State University.

The LeX Program is SP's overseas Social Innovation Project which aims to immerse its students to small communities, and encourage them to create innovative solutions to real life challenges faced by them.

The Singaporean students spent three days in the chosen communities – Barangay Sawang in Lobo, Barangay Mayuro in Rosario and Barangay Poctol in San Juan, Batangas – together with SP LeX facilitators Mr. Timothy Chao, Ms. Carol Leung and Ms. Low Kang Min.

They were divided into three groups that were tasked to conduct interviews, brainstorm ideas, and create solutions to the problems in sustaining the local livelihood.

BatStateU student counterparts also joined the activity. Prior to the main program, they attended a training to acquire the basic knowledge and skills on the LeX program. They were also briefed on the SP Design Thinking Methodology by Dr. Romel



SMALL CHANGE, BIG CHANGE. Set to make a great impact in the community, the Learning Express participants from Singapore Polytechnic meet with their Batangas State University counterparts during the opening of the program on September 18.

U. Briones, Asst. Prof. Armando V. Mendoza, Jr., and Engr. Edzel M. Gamab as BatStateU LeX Facilitators, from August 29 to 30.

The LeX participants brainstormed solutions and created prototypes that aimed to help the partner locals generate more income, improve tourism and create new opportunities. These were presented in a gallery walk which was organized at the lobby of CITE Building, BatStateU Pablo Borbon Main I.

During the closing program on September 26, Vice President for Research, Development and Extension Services Engr. Albertson D. Amante shared that empathy is most important characteristic that the participants should possess. He thanked SP for allowing the university to provide assistance to the different communities in Batangas, and in bringing positive socio-economic impacts to people's lives.

Mr. Chao regarded the activity as a life changing experience. He voiced his admiration to the students for being able to embrace unity despite their cultural differences.

IHM department achieves 100% ITHP-UK exam passing rate



WORLD-CLASS EDUCATORS. Proving excellence in professional education, BatStateU's IHM department earns a 100% passing rate in ITHP-UK's Certified Hospitality Profesisonal exam.

All eleven faculty members of Batangas State University's International Hospitality Management (IHM) Department passed the 2018 Certified Hospitality Professional exam, which was administered by the Institute of Tourism and Hospitality Professionals-United Kingdom (ITHP-UK) on August 11 at the University of Santo Tomas. The ITHP-UK is one of the largest organizations in the world dedicated to strengthen the leadership skills of tourism and hospitality professionals.

Asst. Prof. Maria Theresa G. Abiad, Ms. Leonna Marrien U. Asi, Mr. Arnel M. Mendoza, Ms. April M. Perez, Asst. Prof. Elvic M. Sanchez, Ms. Ma. Glenda O. Casanova, Mr. Reynald Modesto D. Ilagan, Mr. Niño Michael B. Pagcaliwagan, Ms. Katherine T. Arellano, Mr. Elroy Joseph C. Valdez, and Ms. Sharmaine I. Brillo were the eleven faculty members from the College of Accountancy, Business, Economics, and International Hospitality Management (CABEIHM) who were awarded the professional designation of Certified Hospitality Professionals.

Seaoil signs deed of donation for BatStateU Mabini

Seaoil Philippines, Inc. Chief Operations Officer Stephen L. Yu signed the deed of donation with Batangas State University President Tirso A. Ronquillo for the three-storey Higher Education Building of BatStateU Mabini, September 11.



GENEROUS CONTRIBUTION. BatStateU President Dr. Tirso A. Ronquillo (center) and Seaoil COO Stephen L. Yu (2nd to the right) sign the BatStateU Mabini Higher Education Building deed of donation with Mabini Mayor Noel B. Luistro (2nd to the left) and BatStateU Malvar and Lipa City Campuses Executive Director Expedito V. Acorda (rightmost) as witnesses.

Named after Yu's mother, the Josefina L. Yu building features different facilities and classrooms for students and faculty alike. It houses 12 classrooms, with one room convertible into a multi-purpose function hall.

The building is seated on a 40,273 square-meter property donated by the Municipality of Mabini.

Seaoil Philippines, Inc. is one of the largest independent fuel companies in the Philippines founded in 1978. The

company has allotted funds amounting to at least Php24-million for the construction of the said building.

In his message, Yu inspired the students by sharing his parents' legacy. He conveyed his family's dream of serving the nation by upholding quality education by practicing the art of living with "integrity, accountability and stewardship."

Meanwhile, Dr. Ronquillo also shared his message of commitment to the Municipality of Mabini. He acknowledged the concerted efforts of Mayor Noel Luistro, Vice Mayor Jun Villanueva, and the members of the Sangguniang Bayan of Mabini that inspired BatStateU to open a new campus in the municipality.

For the establishment of BatStateU Mabini, the local government of Mabini initially donated a four-hectare property. The University and LGU-Mabini sought funding support for its establishment, which resulted to the donation of building worth P25 million from the Yu family.

10 programs subject to AACCUP accreditation

In its continuous pursuit for quality education, ten programs of the Batangas State University in Pablo Borbon Main I and II were submitted for evaluation by the Accrediting Agency of Chartered Colleges and Universities in the Philippines (AACCUP) on August 29-31 and September 26-28, respectively.

BS Architecture, BS Chemical Engineering, BS Industrial Engineering, BS Computer Science and BS Information Technology programs in the Main II campus applied for a Level III Phase I accreditation status.

In Main I, BS Mathematics and BS Hotel and Restaurant Management were submitted for Level III, Phase I survey visit, while Bachelor of Secondary Education underwent preliminary survey visit.

For graduate programs, M.A. in Education and Ph.D. in Educational Management, were submitted for first



SUSTAINING QUALITY EDUCATION. The Overall Coordinator, Dr. Cristeta C. Dulos of Pangasinan State University introduces the 13 accreditors from different universities and colleges who will assess the five BatStateU programs under the College of Accountancy, Business, Economics and International Hospitality Management (CABEIHM), College of Arts and Sciences (CAS) and College of Teacher Education (CTE) in Main I.

survey visit.

The three-day assessment consisted of classroom observations, office visits, laboratory and extension project inspections, and interviews with students, college officials, faculty, alumni and parents.

The survey teams evaluated the programs based on ten areas including mission, goals and objectives; faculty,

curriculum and instruction; students; research; extension and community involvement; library; physical facilities; laboratories; and administration.

The AACCUP evaluates programs and institutions, particularly state universities and colleges in the Philippines. Results of the survey visit are set to be announced by AACCUP by the last quarter of this year.

GAD Office hosts regional capacity building on GAD integration

Batangas State University's Gender and Development (GAD) Office teamed up with the Commission on Higher Education (CHED) Region IV-A for the training-workshop on GAD integration in curriculum, research and extension on August 2-3 at the Lecture Room, CITE Building, Pablo Borbon Main I.

The two-day seminar was attended by GAD focal persons from Higher Education Institutions (HEIs) in the region. It bore the theme "CALABARZON HEIs Moving Forward towards Gender Responsive Academic Community."

Vice President for Academic Affairs Dr. Erma B. Quinay emphasized the importance of gender mainstreaming in academic institutions. "This activity will help us to create awareness in the gender issues in curriculum formulation, research and extension. Faculty and staff of the academe are expected to enrich their knowledge on gender



INTRODUCING BREAKTHROUGHS. Keynote Speaker Dr. Benilda S. Ebarvia of the National Metrology Laboratory Industrial Technology Development Institute- Department of Science and Technology (ITDI-DOST) presents her paper entitled "Gravimetric Quantification of Benzoic Acid in Matrix Reference Material by HPLV and Isotope Dilution-LCMSMS."



GENDER MAINSTREAMING. Education Supervisor II and CHED Region IV-A GAD focal person Renifer R. Francisco encourages the participants to integrate gender and development concepts in the initiatives of their respective institutions, and to help raise gender equality in the academic community.

issues and incorporate them in their duties and responsibilities," she stated.

GAD Assistant Director Ma. Theresa A. Hernandez and Education Supervisor II and CHED Region IV-A GAD focal person Renifer R. Francisco were the program's resource speakers. As certified trainers of the Philippine Commission on Women (PCW), they tackled the topics on basic GAD orientation, gender analysis, GAD integration in extension, research and curriculum, and CHED Memorandum Order No. 1, s. 2015 on Compliance and Reportorial Requirements.

The participants joined on workshops identifying gender issues necessary to GAD integration. Moreover, the activities equipped the participants in acquiring in-depth knowledge on the principles of GAD integration in the curriculum, research and extension.

Director for Extension Services Asst. Prof. Armando V. Mendoza, Jr. concluded the event and thanked everyone who supported the university's initiatives in promoting gender equality in the community.

KKP holds Southern Tagalog chemistry convention in BatStateU

Kapisanang Kimika ng Pilipinas – Southern Tagalog, Inc. (KKP-ST, Inc.) held its 47th annual convention at Batangas State University, Pablo Borbon Main I, Batangas City, September 6-7.

KKP-ST Inc. is an organization of licensed and chemistry-related professionals in the region.

The convention aimed to gather chemistry practitioners from academic institutions, government agencies and industrial companies within the Southern Tagalog region to talk about the latest updates on the emerging chemical technologies and issues that impact the chemistry profession.

KKP-ST, Inc. President Katherine Ann C. Israel mentioned that the "Philippines' growing economy demands for global competitiveness of its products and services." Thus, this year's theme, "KKP-ST@47: Gearing up towards Global Standards and Certification," is very timely as it focuses on meeting global standards of guality assurance.

The two-day convention featured plenary sessions led by experts in the field of quality assurance, young scientist fora, product presentations, oral paper presentations, poster presentations, and technology exhibits.

At the end of the program, young chemistry practitioners were awarded for their outstanding contributions to their respective fields. Recognitions were also given to the presenters of the best oral and poster papers of the convention.

BatStateU officially opens Mabini campus

Over 200 students, officials and employees gathered in front of the Josefina L. Yu Hall as Batangas State University (BatStateU) launched its 11th campus in Mabini, Batangas on August 6 during the first day of classes.

BatStateU President Dr. Tirso A. Ronquillo inspired the students to give their best and learn with passion as they enter the Academic Year 2018-2019. He also encouraged them to give back to the community of Mabini through exhibiting excellence in all aspects guided by the university's core values.

Meanwhile, Mabini Mayor Noel B. Luistro expressed his deepest gratitude to the BatStateU community for contributing to the goals of their municipality. The mayor pointed out that the students are fortunate to be able to "experience quality education delivered by the university."

The opening program was then followed by the blessing of the new building led by Fr. Vic Cisneros.

Officially called BatStateU Mabini, the new campus houses the 1,777.86 square-meter Higher Education Building donated by the Yu family.

Major stakeholders including Vice Mayor Jun Villanueva and Municipal Administrator Attorney Gerville Luistro and the members of the BatStateU Executive Committee also graced the launching event.

BatStateU Malvar and Lipa City Campuses Executive Director Dr. Expedito V. Acorda is the new Executive Director of the Mabini Campus, while the appointed Dean of Colleges is Dr. Jodi Belina A. Bejer.



A GREAT BEGINNING. The Batangas State University community witnesses the start of a brighter academic year as Batangas State University officials launch the Mabini campus during the first day of classes, August 6.

Administration and Finance officers and staff attend COA workshop

The Batangas State University Administrative and Finance officers and staff attended a seminar-workshop on Laws and Rules on Government Expenditures & Cash Management and Control System on August 1-3 at the 7th Floor of the CIRTC Building, BatStateU Pablo Borbon Main I, Batangas City.



SERVICE INTEGRITY. State Auditor V Heidy M. Barcimo from the Commission on Audit Region IV-A reminds the participants to strictly follow the laws involved in government expenditures, and uphold a system of honesty in the university's financial operations and processes.

It aimed to foster efficient and effective safeguarding strategies in handling the university's financial resources. The training also updated the personnel on the latest rules and regulations applicable to accounting and auditing requirements, focusing on the statutory and regulatory requirements of finance related government agencies.

The seminar featured keynote discussions by subject matter experts from the Commission on Audit Region IV-A Office. State Auditor V Heidy M. Barcimo talked about appropriation, allotment, expenditures and disbursement process including the modes of disbursement.

Supervising Auditor Remigio A. Arzadon, Jr. lectured on accountability and responsibility over government funds, personnel services, and travel expenses, while State Auditor V Engr. Maria Cecilia G. Alonzo discussed purchase/construction of Property, Plant and Equipment (PPE).

Phil Red Cross Batangas awards University

Philippine Red Cross (PRC) Batangas Chapter recognized Batangas State University as this year's "Outstanding Blood Services Partner" during its Blood Donor's Recognition and Blood Services Partners Engagement Ceremony on September 28 at the Pontefino Hotel and Residences, Batangas City.



FOR HUMANITARIAN ASSISTANCE. Asst. Director for National Service Training Program Dr. Romeo L. Guillo and Asst. Director for Institutional and Industry Development Services Dr. Nickie Boy A. Manalo receive PRC-Batangas Chapter's awards for "Outstanding Blood Services Partners" on behalf of Batangas State University. *Photo from PRC Batangas*

The ceremony is PRC's means to acknowledge the support and commitment of their partner institutions and blood donors in promoting the spirit of volunteerism.

Four BatStateU campuses

also received different awards and recognitions during the event. Main I and II were recipients of the "Outstanding Blood Services Partner of the Year" award, while a testimonial plaque and a certificate of appreciation were awarded to JPLPC Malvar and Lobo, respectively.

In addition, individual regular blood donors from BatStateU were recognized, including Jherson Urbano (Lipa City), Ann Janine Codinera Nasugbu), (ARASOF Celerino (ARASOF-Nasugbu), Linsangan Michael Balanay (Rosario), Aldwin Lacsa (Rosario), who all received the blood galloner membership award. Meanwhile, Dr. Romeo M. Guillo, the Asst. Director for National Service Training Program obtained a bronze medal and a certificate.

One of the highlights of the event is the Blood Services Partners Engagement 2018, which was done through the signing of memorandum of agreement between PRC-Batangas Chapter and its 32 partner agencies including BatStateU. Dr. Nickie Boy A. Manalo, the Asst. Director for Institutional and Industry Development Services, represented the university on behalf of University President Dr. Tirso A. Ronquillo.

Dr. Hall inspires students at 50th graduation rites

Dr. David Hall, Senior Technical Adviser for Economic Development of RTI International, served as guest of honor and speaker to 1,000 graduates who marched and received their diplomas during Batangas State University's 50th Commencement Exercises, September 14.

Dr. Hall reiterated how various technologies have changed the world. "I would like to remind you [graduates] that this is not the end of the journey; this is in fact the beginning of the journey. You have a responsibility to try and work with changes to manage them for good, to do what Batangas State University is about, which is to lead innovations and transform lives," he expressed.

Dr. Hall also imparted life lessons and emphasized the importance of learning, unlearning and relearning, which he believes the world is soon-tobe about. He urged the graduates to step forward and make a change for they have the power and knowledge to influence.



MOTIVATIONAL DRIVE. Sharing words of inspiration on education and innovation, Dr. David Hall (right) receives a plaque of appreciation during BatStateU's 50th commencement exercises, September 14.

With more than 25 years of experience in engineering, science, and technology, Dr. Hall has served as a consultant to various higher education institutions in the country, including BatStateU, to strengthen their academic and research capacities.

Headed by University President

Dr. Tirso A. Ronquillo, the BatStateU Board of Regents and the Executive Committee members awarded the plaque of recognition to Dr. Hall.

This year's commencement theme is "Building the Nation through Innovative and Transformative Education."

JPLPC Malvar marks golden anniversary

Batangas State University JPLPC-Malvar celebrated its 50th founding anniversary on September 28 with the theme, "Building the Nation through Innovative and Transformative Education."

The celebration kicked off with a motorcade led by university officials, faculty members and students, followed by the opening program held at the renovated JPLPC-Malvar Gymnasium.

Present to support the event were Batangas 3rd District Representative Ma. Theresa V. Collantes and Malvar Mayor Alberto C. Lat, who both shared their commitment to BatStateU.

The major highlight of this year's anniversary celebration was the groundbreaking ceremony of the five-storey College of Industrial Technology (CIT) Building held in front of the Administrative Building.



HISTORIC OCCASSION. Malvar Mayor Alberto C. Lat and BatStateU University President Dr. Tirso A. Ronquillo lead the ribbon-cutting ceremonies for BatStateU JPLPC Malvar's CIT building inauguration, which was held during the celebration of the campus' 50th foundation anniversary.

The structure will house different learning facilities such as computer laboratories, classrooms and multimedia rooms, with a total floor area of 2,698.93 square meters. the blessing and inauguration of the university facade and gymnasium, which was led by Fr. Joel Villanueva, with the presence of the university's Executive Committee and academic community.

front of the Administrative Building. The ceremony was followed by community. BatStateU Lemery inaugurates technology building and canteen,



BUILDING THE FUTURE. Batangas State University continues to improve its student services as the Lemery campus holds the inauguration of its new fivestorey technology building and the groundbreaking of its campus facade, September 5.

Batangas State University Lemery held the inauguration and groundbreaking ceremonies of its five-storey technology building, canteen and campus facade, September 5.

The technology building has a total floor area of 2,414.96 square meters, while the canteen/student center has a 230 square-meter floor area. The said building is equipped with an elevator, houses two classrooms, five administrative offices, two audio visual rooms, two faculty rooms, four laboratories, a library and a multi-purpose hall. Rev. Fr. Raul Martinez, Parochial Vicar of San Roque Parish, blessed the facilities.

BatStateU Lemery Executive Director and Board Secretary Enrico M. Dalangin regarded the ceremonies as a remarkable and historical event for the university and its entire community. He also recognized the university's efforts in addressing the needs of its various stakeholders.

Col. Pablo Calasme, the Executive Secretary of Lemery Mayor Eulalio "Larry" M. Alilio, attended on behalf of the mayor.

The inauguration was followed by the groundbreaking ceremony of the campus facade graced by Col. Casalme, BatStateU's Executive Committee and some members of the university's governing board. The facade is set to be completed in early 2019.





ASEAN Conference and Exposition on Disaster Risk Management and Climate Change Adaptation 2018 ACEDRMCCA 2018

"It doesn't matter from which part of the world we come from. All of us have a certain level of vulnerability to disaster which has been exacerbated by the massive effects of climate change. As an institution of higher learning, it is the responsibility of Batangas State University to take the lead in addressing the challenges of disaster risk management through innovation and collaboration."

> **Dr. TIRSO A. RONQUILLO** President, Batangas State University

In partnership with:











ACEDRMCCA 2018

ACEDRMCCA 2018 Highlights

The Batangas State University Adaptive Capacity-building and Technology Innovation for Occupational Hazards and Natural Disasters Center, also known as ACTION Center, hosted ACEDRMCCA 2018 on July 25-27. This was held in collaboration with the Universiti Teknologi Malaysia (UTM) and National University of Kaohsiung, Taiwan (NUK).

Bearing the theme "Converging with the ASEAN Community in Managing Disaster Risks and Climate Change for a Resilient Community," the international conference aimed to open opportunities for communication to discuss developing issues, international and local policies on disaster risk management and climate change adaptation (DRM-CCA) among DRM staff, officials, researchers and scholars around the globe.

As part of the program, a series of plenary and panel sessions were held by DRMCCA experts from local and international agencies and institutions, including Assoc. Prof. Min-Hao Wu of NUK, Takanori Zemmoto of Japan International Cooperation Agency (JICA), Dr. Nor Eliza Alias of UTM and Julius Hontiveros of the Office of Civil Defense (OCD).

A main feature of the conference was the emergency response simulation of a mass shooting incident, which aimed to provide knowledge and enhance the ability to respond to potential disaster scenarios. This was conducted in cooperation with the different government agencies, such as the Philippine National Police (PNP), Philippine Coast Guard (PCG), Philippine Red Cross (PRC), Special Weapons and Tactics (SWAT) Team, Bureau of Fire Protection (BFP), and the Provincial and City Disaster Risk Reduction Management Offices (PDRRMO and CDRRMO).

At the end of the ACEDRMCCA 2018, a statement of commitment was signed by BatStateU President Dr. Tirso A. Ronquillo and representatives from OCD, Kaohsiung City Government and UTM. The statement signifies their commitment in building a disaster resilient ASEAN region.

Plenary and Panel Sessions



ACEDRMCCA 2018



Signing of Statement of Commitment











Launching the ACTION Center

ACEDRMCCA 2018 also featured the official launching of the Center for Adaptive Capacity-building and Technology Innovation for Occupational Hazards and Natural Disasters (ACTION) Center on July 25. Approved by virtue of Board Resolution No. 482-A, s.2016, it serves as the University's research and training arm for professionalizing disaster risk management and disaster response and training. It aims to take a proactive role in making people and communities safer, more prepared, and more resilient in time of disasters through professional education, skills training and innovative research. The center is endorsed by the Regional Development Council CALABARZON through Resolution No. IV-A-120-2017 and recognized as a Higher Education Center for Disaster Risk Management Education and Research.

The ACTION Center has three components: (1) the Disaster Resiliency Education for Adaptation and Mitigation (DREAM Academy), (2) Emergency and Disaster Response (EDR) Unit, and (3) Innovations in Advanced Computing and Technology for Disaster Risk Reduction (iACT4DRM).



During the official launching of the ACTION Center

First row from left: Batangas City PNP Chief PSupt. Sancho Celedio, Secretary to Batangas City Mayor Atty. Victor Reginald A. Dimacuha, Batangas State University President Dr. Tirso A. Ronquillo, Department of National Defense Undersecretary and National Disaster Risk Reduction and Management Council Executive Director Ricardo B. Jalad, Batangas Governor Hermilando I. Mandanas

Second row from left: City DRRMO Head Rodrigo Dela Roca, OCD Region IV-A Director Olivia M. Luces, Department of Science and Technology (DOST) Region IV-A Director Alexander R. Madrigal

Together with: Representatives from universities and DRM institutions in the ASEAN and East Asian Regions

After the ceremonial launching, the delegates were toured around the workstations and facilities of the ACTION Center by Engr. Albertson D. Amante, the BatStateU Vice President for Research, Development and Extension Services.

During the tour, they visited the Harmonized and Unified Geospatial Information System (HUGIS) Center, the university's center for weather and hazard monitoring. Composed of ten workstations, the HUGIS Center is installed with ArcGIS and QGIS, two geographic information systems that allow the compilation, utilization, analysis, and sharing of geospatial information and maps.

In an interview, Engr. Amante said that HUGIS is the local counterpart of Project NOAH (Nationwide Operation Assessment of Hazard), the Philippines' primary disaster risk reduction and management (DRRM) program. As the university's own initiative, HUGIS aims to contribute to the country's DRRM efforts by assisting its monitoring of environmental changes and response to disasters.

Also featured in the ACTION Center are the Solar-powered Isotropic Generator of Acoustic Wave (SIGAW) and the Tactical Operative Amphibious Drive (TOAD).









Top photo:

Atty. Victor Reginald A. Dimacuha welcomes the guests during the official launching of DREAM Academy.

Second photo from top: BatStateU's own disaster monitoring system, which uses UP-NOAH

Photo above: Engr. Albertson D. Amante tours the delegates in the ACTION center.

Photo on left: DOST Undersecretary for Disaster Risk Reduction and Climate Change Dr. Renato Solidum, Jr. visits the research facilities of the center.























BATSTATEU CTI: Center for Technopreneurship and Innovation



Encouraging students and faculty members to create innovative outputs that will contribute to the university's continuous improvement, Batangas State University enjoined the entire academic community to celebrate this year's **INNOVATION MONTH**.

INNOVATION IN ACTION: Accelerating Local Start-up Ideas towards Commercialization

As approved by the Board of Regents through Resolution No. 516, s. 2016, the Batangas State University celebrated September as the Innovation Month. The month-long event was done to concretize and develop the University's initiative in promoting innovations that will broaden the creativity and intellectual-thinking of students and faculty alike.

Here are the highlights of Innovation Month 2018:

F4: FUSION AND FIERY FOOD FESTIVAL



The Food Innovation Center (FIC) of the university hosted the Fusion and Fiery Food Festival (F4), where small and medium-sized enterprises and BatStateU students, Food Engineering and Hotel & Restaurant Management students in particular, showcased their products through an exhibit. A variety of self-made delicacies were sold, from rice cakes, pastries, banana chips, and more.





FOOD SAFETY SEMINAR

As part of the F4, FIC also facilitated a seminar on food safety for the BatStateU Canteen concessionaires. This was led by Diane R. Zapata-Ulan from the Department of Science and Technology IV-A as the resource person.



The university's **Center for Technopreneurship and Innovation** in collaboration with the **BatStateU TechHub** or South Luzon Hub for Technopreneurship and Innovation, conducted the **Regional Technopreneurship Forum** which covered a series of activities including the Design Thinking Workshop, 3D Design Challenge and a parallel session on Innovation Huddle and QLTAN (*kulitan*) Session .

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INNOVATION HUDDLE

Innovation enablers in the Philippines were gathered to discuss about the innovation trends in the country. QBO (*kubo*) and other innovation hubs such as DLSL Nexus Lab, UP Enterprise, and PhilDev talked about their services for the start-up communities.





DESIGN THINKING WORKSHOP

Represented by a team of one faculty member and two students, academic institutions within the province came all the way to BatStateU to take part in this workshop. The participants were trained in the process of ideation, validation and pitching a useful household, office or school product which they introduced in the 3D Design Challenge.

PATENT DRAFTING WORKSHOP

To further strengthen the research capabilities of the university's faculty researchers, the Innovation and Technology Support Office (ITSO) organized a training-workshop on the process of drafting patent descriptions and claims. Engr. Arnulfo P. Malinis and Christopher O. Pacardo from Bicol University were the resource speakers of the event.



QLITAN SESSION

Various innovation start-ups also took the floor to share the beginnings of their technology-based innovations. These include Hiraya's R-TAP, a smart water management system, and BatStateU's own Buy Online 'N Go (buyONG), an online grocery shopping platform.

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3D DESIGN CHALLENGE

Following the Design Thinking Workshop, the groups printed and presented the prototypes of their proposed innovations including the improved version of an ID case, drinking cup, and ruler. This was made possible with the use of 3D printers that were provided by Omnifab, a digital fabrication laboratory equipment provider.









CO-HOSTING THE NATIONAL CONFERENCE ON SMART FARMING 4.0

The Department of Science and Technology- Philippine Council for Agriculture, Aquatic and Natural Resources Research and Development (DOST-PCAARRD), Philippine Rice Research Institute (PhilRice) and Batangas State University co-hosted the National Conference on Smart Farming 4.0 on September 26-27 at the Lecture Room, International Affairs Office, CITE Building, BatStateU Pablo Borbon Main I, Batangas City. This year's theme is "Transforming Philippine Agriculture through Smart R&D Innovations."

The conference served as a venue for researchers, scientists and development workers to discuss, present and share their most recent projects, programs and contributions towards the advancement of smart farming in the country.

Dr. Edwin C. Villar, DOST-PCAARRD Acting Deputy Executive Director for R&D served as the keynote speaker and delivered the speech on behalf of DOST Secretary Fortunato T. de la Peña. In his message, he stressed DOST's commitment in promoting science, technology and innovation in the country. "We would like to stimulate innovation in the minds of every scientist and researcher. We want to make agriculture more efficient, sustainable, of high quality and competitive," said Sec. de la Peña.

While encouraging the participants to build a positive outlook on such, Sec. de la Peña also informed them not to be afraid of challenges, issues or concerns that might be encountered in their journey in pursuit for agricultural development.

Meanwhile, Dr. Juanito T. Batalon, DOST-PCAARRD Agricultural Resources Management Research Division Director, delivered the opening message on behalf of Dr. Reynaldo V. Ebora, DOST-PCAARRD Acting Executive Director, where he emphasized the importance of innovative collaborations.

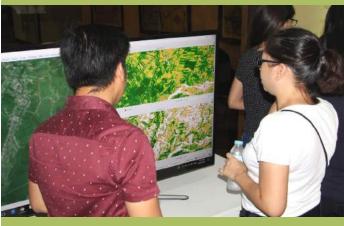
BatStateU President Dr. Tirso A. Ronquillo also took part in the opening program. "This gathering indeed possesses a great potential in transforming our farming mindset, approaches and processes. I believe this gathering will be a major contribution in building a future of smart farming in the Philippines" he said.







RESEARCH STUDIES PRESENTED



- 1. Application of Ground Heat Exchanger for Rootzone Cooling of Aeroponically-Grown Strawberry Plants Under Tropical Greenhouse Conditions by Engr. Christopher S. Pascual, CLSU
- 2. Application of Unmanned Aerial Vehicle (UAV) for agriculture (Project SARAI) by Prof Nelio C. Altoveros, UPLB
- 3. Competitiveness of Philippine Rice in Asia by Dr. Flordeliza H. Bordey, PhilRice.
- 4. Detailed Agricultural Resource Mapping Using LIDAR, by Nerissa B. Gatdula, UPD
- 5. Establishing an Aerial Mapping Service for Rice Agriculture, By Nehemiah L. Caballong, PhilRice.
- 6. Hydroponics and Aquaponics: Alternative Solutions for Tomorrow's Food Security by Dr. Chito F. Sace, CLSU
- 7. Implementation of Low-Cost Agricultural Robots for Philippine Farming, by Dr. Anthony James C. Bautista, UST
- 8. Smart Farming Through the Plant Factory Model in Japan by Joselito C. Bernardo, Freelance
- 9. Smart Monitoring System for Philippine Agriculture: The SARAI enhanced Agriculture Monitoring System (SEAMS) by Prof. Moises A. Dorado, UPLB
- 10. Smart Nutrient Management for Corn Production by Roland V. Rallos, DOST-PNRI
- 11. Smart Plant Production in Controlled Environments (SPICE) by Dr. Carl Michael P. Odulio, UPD
- 12. Smart Water Management Strategies for Sugarcane Production by Dr. Armando N. Espino Jr., CLSU
- Sustainable Cacao Pest Management Program Using Biologically-based Technologies for Human Health and Environment by Divina M. Amalin, DLSU
- 14. Technologies for Farm Modernization and Mechanization Towards Philippine Agriculture 4.0 by Dr. Jasper G. Tallada, PhilRice
- 15. Tracking and Tracing of Pork from Pen to Plate by Engr. Jaderick P. Pabico, UPLB
- Wireless Sensor Network for Smart Agriculture and Aquaculture by Engr. Albertson D. Amante, BatStateU

PROGRAM OFFERINGS

COLLEGE OF LAW

Bachelor of Laws

COLLEGE OF ENGINEERING, ARCHITECTURE AND FINE ARTS

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 Maior in Industrial Engineering
- Major in Mechanical Engineering

Master of Science in Computer Engineering Master of Science in Electronics Engineering Bachelor of Science in Chemical 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 Electronics Engineering

- Major in Information & Communication Technology
- Major in Microelectronics

Bachelor of Science in Food Engineering Bachelor of Science in Industrial Engineering Bachelor of Science in Instrumentation & Control Engineering Bachelor of Science in Mechanical Engineering Bachelor of Science in Mechatronics Engineering Bachelor of Science in Petroleum Engineering Bachelor of Science in Sanitary Engineering Bachelor of Science in Architecture Bachelor of Fine Arts major in Visual Communication Bachelor of Science in Interior Design

COLLEGE OF INFORMATICS AND COMPUTING SCIENCES

Master of Science in Computer Science Master of Science in Information Technology Bachelor of Science in Computer Science Bachelor of Science in Information Technology Major in Management Information System

COLLEGE OF TEACHER EDUCATION AND HUMAN KINETICS

Doctor of Education in Educational Management Doctor of Philosophy Major in Mathematics Education Doctor of Philosophy

Major in Educational Management

- Master of Arts in Education
 - Major in Educational Management (Thesis/ Non-Thesis Program)
 - Major in Mathematics Teaching
 - Major in Science Teaching
 - Major in English Language Teaching
 - Major in Filipino Language Teaching
 - Major in Physical Education
 - Maior in Psychology
 - · 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 Science
 - Major in English
 - Major in Filipino
 - Major in Mathematics
 - Major in Social Studies
- 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
 - Maior in Electrical Technology
 - · Major in Automotive Technology
 - Major in Computer Programming Technology
 - Major in Food and Service Management

Bachelor of Physical Education

COLLEGE OF ARTS AND SCIENCES

Doctor of Philosophy in English Master of Science in Mathematics Master of Science in Marine Biology Master of Arts in Development Studies Master of Arts in English Master of Chemistry 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 Bachelor of Arts in English Bachelor of Arts in Communication

COLLEGE OF ACCOUNTANCY, BUSINESS, ECONOMICS AND INTERNATIONAL HOSPITALITY MANAGEMENT

Doctor of Public Administration Doctor of Business Administration Master of Business Administration Master in Disaster Risk Management Diploma in Disaster Risk Management Bachelor of Science in Accountancy 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 Hospitality Management Bachelor of Science in Tourism Management Bachelor in Public Administration Bachelor of Science in Customs Administration Bachelor of Science in Entrepreneurship Bachelor of Science in Management Accounting

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 Drafting Technology
- Major in Electrical Technology
- Major in Electronics Technology
- Major in Food Technology
- Major in Instrumentation and Control Technology
- Major in Mechanical Technology
- Major in Mechatronics Technology
- Major in Welding and Fabrication Technology
- Bachelor of Science in Food Technology

COLLEGE OF NURSING AND ALLIED HEALTH SCIENCES

Bachelor of Science in Nursing Bachelor of Science in Nutrition and Dietetics

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

University Vision

A globally recognized institution of higher learning that develops competent and morally upright citizens who are active participants in nation building and responsive to the challenges of the 21st century

University Mission

Batangas State University is committed to the holistic development of productive citizens by providing a conducive learning environment for the generation, dissemination and utilization of knowledge through innovative education, multidisciplinary research collaborations, and community partnerships that would nurture the spirit of nationhood and help fuel national economy for sustainable development.

University Core Values

Faith Patriotism Human Dignity Integrity Mutual Respect Excellence

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

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Leading Innovations, Transforming Lives

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