

# BATANGAS STATE UNIVERSITY CHRONICLE

The Official Publication of the Office of the President

Vol. VII No. 1 | ISSN 2449-4739 | January - March 2021



Leading Innovations, Transforming Lives



*ad Dei Gloriam*

**Leading Innovations.  
Transforming Lives**

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BATANGAS STATE UNIVERSITY  
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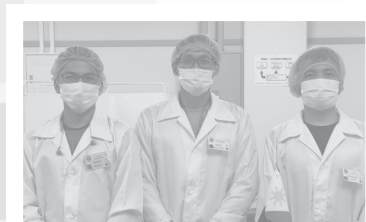


# BatStateU

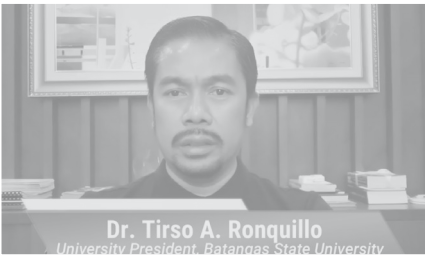
## Chronicle



PLAZA  
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# BatStateU KIST Park – Embassy of India cooperation formalized; five agreements inked

**BATANGAS CITY.** The Batangas State University Knowledge, Innovation and Science Technology (KIST) Park formalized its cooperation agreement with the Embassy of India in ceremonies held at the university's convention hall, February 15.

His Excellency Shambhu S. Kumaran, Ambassador of India to the Philippines, delivered the keynote message. He acknowledged the vision and spirit of partnership initiated by BatStateU, and stated that the Embassy of India in the country is strongly committed to drive the partnership forward. "Our forebears have already formed the bridge, and through this partnership, we are building momentum to strengthen that bridge as we share the same drivers of growth: demography, democracy, demand, and diaspora," Ambassador Kumaran said. He also offered the BatStateU faculty with fully funded doctorate scholarships in the QS-ranked Indian Institute of Technology, as well as specialized training courses in engineering and technology through the India-ASEAN framework. "I believe that India and the Philippines are in the position to take the partnership to a new level, and today we make a small but very significant beginning," Ambassador Kumaran said as he ended his speech.

In his message, BatStateU President Dr. Tirso Ronquillo expressed his gratitude to Ambassador Kumaran and to the partner industries from India and the Philippines who forged partnerships with the BatStateU KIST Park. "As we bring the university closer to the industry, we should also bring the industry closer to the university," said Dr. Ronquillo as he underscored the significance of bringing the industries to the academe for a more progressive knowledge co-creation between faculty, students, and industry professionals.

With the theme, "Jumpstarting the Knowledge Economy and Investments in the New Normal," the event was graced virtually by top Philippine officials. Finance Secretary Carlos Dominguez III shared that he is impressed with BatStateU's visionary leadership for venturing to establish the KIST Park. "We need more forward-looking innovative projects such as the KIST Park. The next generation must be trained in cutting-edge science and technology to support our aspirations for a truly inclusive and competitive economy," Sec. Dominguez said in his video message.

Agriculture Secretary William Dar also imparted his gratitude and appreciation to the technological initiatives of BatStateU and the boost provided by the Embassy of India for this venture. In his video message, Sec. Dar said that "this

new partnership between Batangas State University and the Embassy of India would be beneficial to many as it will open new opportunities for the inclusive growth in the country."

Philippine Economic Zone Authority Director General BGen. Charito Plaza lauded the establishment of the BatStateU KIST Park, as it "demonstrates a testament for the university to lead the community of state universities and colleges and private higher education institutions as a paragon for their collective transformation from a traditional campus of instruction into becoming a premier research university."

"The KIST Park development shall be the ultimate option to harmoniously attain innovation in the production and distribution of goods and services," added BGen. Plaza.

Batangas 5th District Representative Marvey Mariño was also present during the event and expressed his full support to this undertaking by the university. He assured the companies from India increased efficiency in performing business operations in the city.

"I am amazed at how sincere the good Ambassador is in his efforts to work not only with the Filipino people, but also with the Batangueños. The future is about innovation, and I am glad that the BatStateU KIST Park is helping the city and the country [in this



(L-R): PCCI-Batangas Chair Faustino Caedo, BatStateU President Dr. Tirso Ronquillo, Ambassador of India to the Philippines HE Shambhu Kumaran, Batangas Representative Marvey Mariño, and Aumra Group CEO Arvind Kumar at the Office of the University President

aspect]. Batangas State University is one of the best schools not only in Batangas but perhaps, in the whole Philippines. You picked the right school, and you picked the right city," Rep. Mariño stated.

The cooperation agreement was materialized through the support of Mr. Nishi Kant Singh, First Secretary for Economics and Commerce of the Embassy of India, Mr. Arvind Kumar, CEO of Aumra Group International, and Mr. Crisanto Gualberto, Chairman of the Farmers Bazaar Fintech Philippines Inc. Filipino and Indian CEOs, managers, and country heads from the electronics, IT-BPO, Agri-tech, Space-tech industries presented their products and services: Pythos Technology Philippines Inc., Farmers Bazaar Fintech Philippines Inc., Hinduja Global Solutions-Philippines, HCL Infrastructure Services- Philippines, Planers Products, Inc., Bharat Innovation Fund- India, Satsure Analytics India Pvt. Ltd., and Orbital Exploration Technologies, Inc. Philippines.

Five cooperation agreements

were signed between BatStateU KIST Park and partner industries from India and the Philippines. These include a collaborative project on Blockchain and Crypto-enabled Edutech cooperation, which is focused on transitioning and upskilling students and professionals for the 'new normal' knowledge economy and global careers. Another agreement on the digitalization of aquaculture supply chain with Artificial Intelligence, Internet of Things and block chain technologies was signed on February 14 in Talisay, Batangas also with the presence of Ambassador Kumaran.

The signing ceremonies were witnessed by 80 onsite attendees, mostly university officials and industry partners from the Philippines and India, following IATF guidelines on physical distancing. At least 54 industry CEOs and managers currently in India and in other parts of the Philippines attended via Zoom, with almost 27,000 people reached via streaming on Facebook live.

Now open for business, the BatStateU KIST Park spearheads a long-term vision for state universities and colleges in the Philippines to expand their programs for industry, academe, market synergy, technopreneurship, innovation-based business incubation & acceleration, and knowledge co-creation in science and technology.



His Excellency Shambhu S. Kumaran delivers the keynote message during the BatStateU KIST Park-Embassy of India Cooperation, Feb. 15.



Tokens of gratitude were given to the BatStateU KIST Park partners (L-R): Mr. Arvind Kumar of Aumra Group International, Capt. Manny Barradas of Farmers Bazaar Fintech Philippines (FBFP), Dr. Tirso Ronquillo, Ambassador Shambhu Kumaran, Director General Charito Plaza of PEZA, Mr. Crisanto Gualberto of FBFP, Mr. Faustino Caedo of PCCI Batangas, and Mr. Bhalraj Bhattee of FBFP



BatStateU President Dr. Tirso Ronquillo, Farmers Bazaar Fintech Philippines (FBFP) Chairman Mr. Crisanto Gualberto, and FBFP Director Mr. Bhalraj Bhattee (L-R, seated) show one of the cooperation agreements signed during the BatStateU KIST Park - Embassy of India Cooperation. Witnessing the signing ceremonies are Ambassador of India to the Philippines HE Shambhu Kumaran and PEZA Director General BGen. Charito Plaza

# BatStateU KIST Park welcomes Pythos' cutting edge technologies to curb COVID-19 spread

**BATANGAS CITY.** The Batangas State University Knowledge, Innovation and Science Technology (KIST) Park welcomes Pythos Technology Philippines, Inc. (Pythos) as its first enterprise locator, February 15.

The Ambassador of India to the Philippines, His Excellency Shambhu S. Kumaran, witnessed the ribbon cutting ceremonies, together with Philippine Economic Zone Authority (PEZA) Director General Charito B. Plaza and BatStateU President Dr. Tirso A. Ronquillo. Potential locators from India and the Philippines also graced the occasion.

Pythos is a pioneer in electronics hardware design, software design and development, and applications firmware development in the country. The company brings in their wide experience in research, design and development to the KIST Park. Prior to the move in, Pythos has already been working with BatStateU for a simulation project that could curb the spread of COVID-19.

In the event, the Pythos development team presented two of their cutting edge technologies, Airlock 389 and PyTrace. Airlock 389 is a patented graphene-based technology for air purification integrated in the AV 100 anti-viral face shields. It offers the high-level protection against airborne pathogens, while providing comfort, visibility, and breathability even with prolonged use.

On the other hand, PyTrace is a whole ecosystem of detection, mitigation, and contact tracing. It is anchored on the idea that in order to curtail the spread of the contagion, there is a need to prevent the importation of the infection into bubbles, i.e., clusters of people who are infection-free. If that escaped the surveillance, there is a need to detect the infection early and implement rigorous countermeasures to mitigate and halt its spread within an organization.

Both technologies have been developed in collaboration with engineers and researchers of Batangas State University.

In an interview, Pythos Chairman/CEO Engr. Ernest "Ernie" Nierras said that it was important for them to commit as the BatStateU KIST Park's first locator. "We want Pythos to set an example for all semi-conductor companies, even start-ups, in the Philippines. Right now, it [KIST] is structured in such a way that it encourages companies to come in, innovate, create technology, and share technology," Engr. Nierras said.

The university's Science, Technology, Engineering, and Environment Research (STEER) Hub serves as the BatStateU KIST

Park's space for Pythos and other enterprises. It is a support facility for locators, as it hosts research and development centers. These include the Manufacturing Research Center: LIKHA FabLab, Center for Technopreneurship and Innovation (CTI), Electronics Systems Research Center, GIS Applications Development Center, Digital Transformation Center, Innovation and Technology Support Office, and Material Testing and Calibration Center.

In the same event, the PEZA-BatStateU Special Economic Zone (SEZ) Institute was launched. As a SEZ Institute, the university serves as a program-delivering partner of PEZA in producing multi-skilled and world class human capital. It functions as a training hub that institutionalizes collaboration among the academe, industry, and government agencies in establishing locally-positioned investment promotion strategies for Batangas and the CALABARZON region. This newest SEZ Institute is also located at the BatStateU STEER Hub.

It can be remembered that President Rodrigo Duterte signed Proclamation No. 947 on May 22, 2020, making the BatStateU KIST Park the first university-based Special Economic Zone (IT Park) in the country. Now open for business, the BatStateU KIST Park spearheads a long-term vision for state universities and colleges in the Philippines to expand their programs for industry, academe, market synergy, technopreneurship, innovation-based business incubation & acceleration, and knowledge co-creation in science and technology.



BatStateU President Dr. Tirso A. Ronquillo (far left) and Ambassador of India to the Philippines HE Shambhu S. Kumaran look in as Director General Charito B. Plaza of PEZA and Engr. Ernest Nierras of Pythos Technology Philippines, Inc. cut the ceremonial ribbon for Pythos as the BatStateU KIST Park's first locator.



BatStateU President Dr. Tirso A. Ronquillo, PEZA Director General Charito B. Plaza, and HE Shambhu S. Kumaran of the Embassy of India to the Philippines lead the ribbon cutting ceremonies for the PEZA-BatStateU Special Economic Zone (SEZ) Institute.



Aumra Group International CEO Mr. Arvind Kumar TJ, Farmers Bazaar Fintech Philippines Chairman Mr. Crisanto "Billy" Gualberto, BatStateU VP for Research, Development and Extension Engr. Albertson Amante, HE Shambhu S. Kumaran of the Embassy of India to the Philippines, and PCCI-Batangas Chair Mr. Faustino Caedo (L-R) discuss the details of the partnership with BatStateU KIST Park and the Embassy of India.



Airlock 389 and PyTrace are two cutting edge technologies developed by Pythos in collaboration with BatStateU engineers to curb the spread of COVID-19.



# BatStateU joins UNESCO in worldwide celebration of Engineering Day



The Batangas State University celebrated with the United Nations Educational, Scientific and Cultural Organization (UNESCO) for this year's World Engineering Day, March 4.

The World Engineering Day for Sustainable Development is a UNESCO International Day and an annual celebration every March 4th since 2020. This year, the WED celebration highlighted the achievements of engineers and engineering in the modern world and improved public understanding of how engineering and technology is central to modern life and sustainable development.

BatStateU was the only university in the country among many global institutions, universities, and businesses who registered as partners of UNESCO and World Federation of Engineering Organizations (WFEO) in the celebration of the event.

The university's theme "Leading Engineering Innovations for

Sustainable Development" is in line with the event theme "Engineering for a Healthy Planet - Celebrating the UNESCO Engineering Report which focused on celebrating the launch of the 2nd UNESCO Engineering Report "Engineering for Sustainable Development: Delivering on the Sustainable Development Goals". UNESCO shared that the new report "highlights the crucial role of engineering in delivering the 2030 Agenda for sustainable development".

Among the highlights during the WED celebration were the launching of the 23 new and emerging engineering programs and the Center for Innovation in Engineering Education (CIEE), and the kick-off ceremony for the BatStateU College of Engineering 50th anniversary.

With the new engineering programs, BatStateU now prides itself with 45 total number of engineering program offerings, both in undergraduate and postgraduate levels, providing variety and wider access to quality engineering education and BatStateU claiming

the spot as the largest provider of engineering education in the country.

Meanwhile, the installation of the CIEE was envisioned to usher further innovation in engineering education as it is eyed to be the lead department to facilitate engineering education programs such as webinars and online workshops once it starts its operations. It will be lodged at the Science, Technology, Engineering, and Environment Research (STEER) Hub in BatStateU Alangilan campus.

Moreover, additional events are anticipated throughout the year as part of the year-long celebration of the university's College of Engineering golden anniversary.

The event was streamed live on the university's official Facebook page @batstateuofficial. Engineering students, faculty members and alumni of BatStateU, other higher education institutions offering engineering, STEM high school students, industry and government partners participated in this important day in engineering.



Batangas State University President Dr. Tirso A. Ronquillo, World Federation of Engineering Organizations President Prof. Dr. Gong Ke, Philippine Technological Council President Engr. Federico A. Monsada, and University of Illinois, University of California and Ohio State University, USA Professor Emeritus Dr. Jose Cruz Jr. PE, PEE, deliver their messages during the BatStateU's celebration of World Engineering Day, March 4.

# BatStateU now offers **23** new and emerging academic programs, launches Center for Innovation in Engineering Education

**Batangas State University opens its doors with a wider set of academic programs for all aspiring Red Spartans starting this Academic Year 2021-2022.**

The University officially pronounced its offering of their 23 new and emerging academic programs, most of which are Engineering courses, for both undergraduate and graduate levels during the World Engineering Day (WED) celebration last March 4.

This milestone is part of the university's 2019-2029 Strategic Plan which aims to offer new and emerging academic programs that address the needs of the future and challenges of the Fourth Industrial Revolution. With this, the university's premier college - the College of Engineering, Architecture and Fine Arts (CEAFA) now has a total of 46 graduate and undergraduate engineering programs, thus making BatStateU achieve even higher as the largest provider of engineering education in the country.

Currently, BatStateU records nearly 20,000 produced engineering professionals and counting. University President Dr. Tirso A. Ronquillo envisions that in the next five (5) years, BatStateU should have the capacity to produce over 20,000 students who can manage and lead the country's increasing number of manufacturing road clusters.

In his virtual speech during the celebration, Pres. Tirso A. Ronquillo proclaimed with pride BatStateU's enthusiasm to humbly take on the task of shaping the future of Engineering in the country and its contribution to the world. Aside from the 23 new and emerging programs, BatStateU also announced the launching of their new Center for Innovation and Engineering Education.

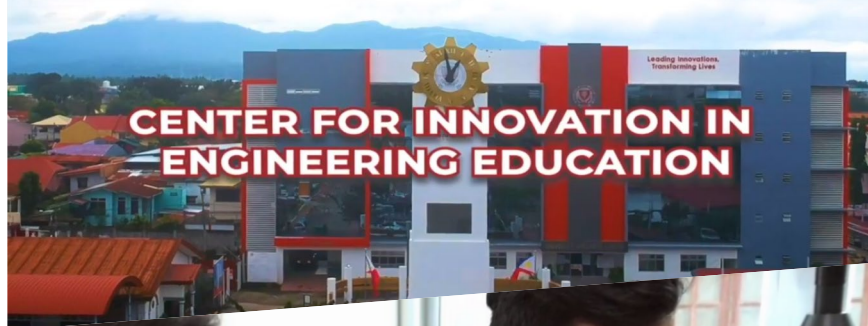


"Through our CIEE, the University advances engineering education, research, partnerships, and continuing professional advancement. We shall lead in the development of engineering programs. Consortia among forward-thinking universities to promote engineering education, share facilities and expertise, and mentor other SUCs, LUCs, or private HEIs on curricular programming and reforms, research and engineering applications among others."

Since the start of the online applications for college admission, BatStateU Testing and Admission Office has recorded thousands of admission applications under the new program offerings. The university is hopeful that with these initiatives, more will be encouraged to take a career path in Engineering.

The undergraduate programs now being offered are Aerospace Engineering, Geological Engineering, Geodetic Engineering, Biomedical Engineering, Automotive Engineering, Transportation Engineering, Metallurgical Engineering, Naval Architecture and Marine Engineering, Public Health for Disaster Response, and Ceramics Engineering.

Moreover, graduate programs include the Doctor of Philosophy in Engineering Management, Doctor of Philosophy in Engineering Education, Masteral studies in the fields of Engineering Management, Supply Chain Management, Port Management, Advanced Manufacturing, Data Science and Analytics, Energy Engineering, Artificial Intelligence, Earthquake Engineering, Urban Planning and Design, Construction Management, and Materials Science and Engineering.



**CENTER FOR INNOVATION IN ENGINEERING EDUCATION**



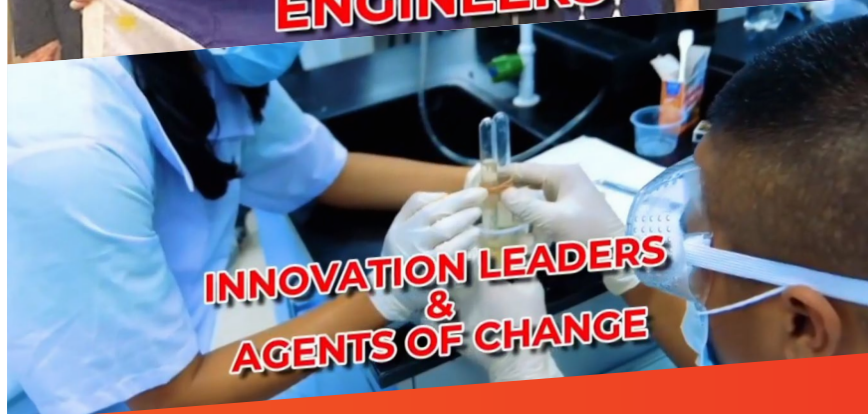
**INDUSTRY-RESPONSIVE PROGRAMS**



**INNOVATION-DRIVEN ACTIVITIES**



**WORLD-CLASS ENGINEERS**



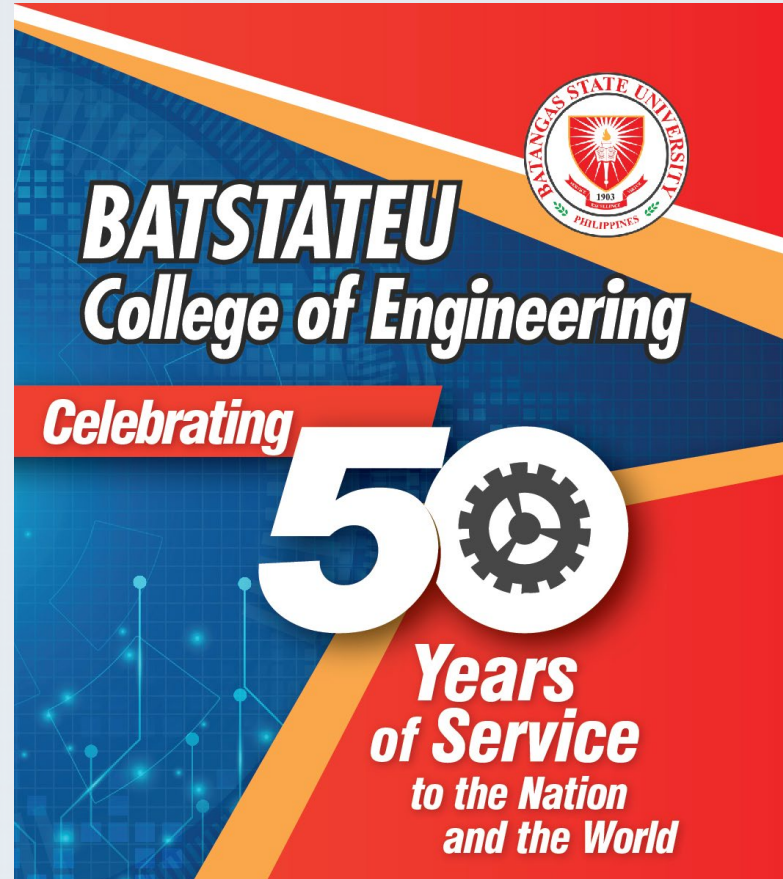
**INNOVATION LEADERS & AGENTS OF CHANGE**

# BatStateU College of Engineering marks 50 years of leading engineering innovations

The year 2021 is a long-anticipated and remarkable year for the Batangas State University College of Engineering as they mark their 50th year of leading engineering innovations and producing competent engineering professionals in the country and in other parts of the world.

The supposedly year-long grand anniversary celebration was only initiated in March due to the restrictions brought by the pandemic. Last March 4, the university conducted a virtual kick off ceremony for the golden anniversary celebration along with the observance of World Engineering Day with UNESCO. Also included in the event highlights is the launching of 23 new and emerging program offerings in Engineering and the Center for Innovation in Engineering Education (CIEE).

Moreover, the College of Engineering has lined-up various activities to be conducted throughout the year including industry conference and exhibit, engineering academic competitions, lecture series, design thinking sessions, engineering innovation challenge, international research conference, among many others. Specific monthly events can be viewed through the university website.

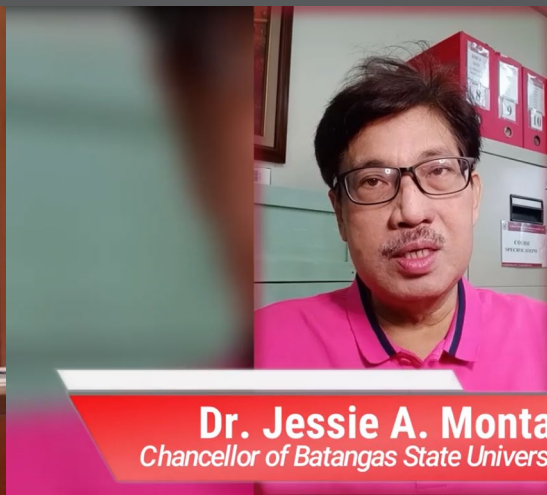


Furthermore, the celebration highlights different milestones in engineering and recognizes the men and women who have contributed to its success and who continue to be active participants in nation building, leading the workforce, and making a distinct mark in the local and global settings.

Formerly known as Pablo Borbon Memorial Institute of Technology (PBMIT), BatStateU started offering engineering programs in 1971. Since then, the College of Engineering has been the institution's premier college that offers its flagship programs. It has produced over 18,000 engineering professionals who have taken dynamic leadership roles and various positions of influence in their respective organizations, thus creating an impact to the industry and the society.



**Dr. Tirso A. Ronquillo**  
University President, Batangas State University



**Dr. Jessie A. Montalbo**  
Chancellor of Batangas State University-Alangilan

## BatStateU launches ECE Straight Programs

**BATANGAS CITY.** Batangas State University continues to uphold its core in providing outstanding academic contribution to the entire community, as it uncovered its Straight Bachelors to Masters (SBM), and Masters to Doctoral (SMD) Electronics Engineering programs, streamed live via the official Facebook page of the University, January 22.

This was after successfully responding to the call of the Commission on Higher Education's Institutional Development and Innovation Grants (CHED-IDIG) project. The ECE straight programs aim to deliver and provide a faster, yet equally excellent way to be professionally equipped in the field of electronics engineering.

The Chair of the Electronics, Instrumentation and Mechatronics (EIM) Engineering Department, Engr. Divina Gracia Ronquillo, served as the project leader for this feat.

In his opening remarks, former Dean of the College of Engineering, Architecture and Fine Arts, and now stands as the Chancellor of the BatStateU Alangilan, Dr. Jessie A. Montalbo extended his sincerest gratitude to the CHED for considering the University for this grant, for the K-12 transition programs. CEAFA, donning this innovation development as the first of its kind in the college, is honored to be delivering superior quality of

education specifically in the field of Electronics Engineering.

Dr. Tirso A. Ronquillo, University President and BatStateU ECE pioneer batch board topnotcher, highlighted the University's milestones in the field of Electronics Engineering, such as the BatStateU ECE's Center of Excellence grant from CHED, accreditation under the US-based Accrediting Board for Engineering and Technology or ABET, and its 4-star rating at the QS Stars University Ratings, cementing its position to be a prime and reputable source of quality education, and a home of globally competitive leaders and professionals in ECE. He also stated the University's pursuit to technological innovation, through the newly-minted Knowledge, Innovation, Science and Technology or KIST Park, which can spark inclusive innovation not only in the region, but also in the whole country.

The Straight Bachelors to Masters in Electronics Engineering (SBM ECE) is a research degree with strong emphasis on contribution to knowledge and to mastery of the field of electronics engineering. 204 total units shall be completed in ten (10) semesters, with three (3) summer terms and one (1) thesis (Master's Thesis). Upon completion of the SBM ECE, minimum of five (5) years for full time students, the graduate will be receiving both Bachelors and Master of Science degrees in Electronics Engineering.

While the Straight Masters to

Doctoral in Electronics Engineering (SMD ECE) is a research degree where the masters and doctorate degree can be earned together, and the graduate shall finish with a degree Doctor of Philosophy in Electronics Engineering (PhD ECE). It is a research degree that emphasizes the development of knowledge, skills and attitude, necessary for the conduct of individual research, at a level that will make a distinct contribution to the knowledge base of engineering. It also develops advanced research skills that will prepare one for a career in business, academe and research institutions, industry, public sectors, and other settings in which systematic and critical analytical skills are required. For BS ECE and allied discipline graduates, a total of 54 units, nine (9) units core courses, nine (9) units major courses, eighteen (18) units of specialization, six (6) units elective and twelve (12) units dissertation are to be completed, in minimum of three (3) years, for full time students. Specializations to choose from are communication, control, artificial intelligence and microelectronics.

That in line, Batangas State University remains steadfast in providing routes for the realization of its mandate to transfer new knowledge, develop professionals with competencies for the modern generation, and in producing innovative solutions to real world problems.



# UP Los Baños benchmarks Batangas State University

**The academic and administrative staff of the University of the Philippines - Los Baños, headed by their Chancellor Dr. Jose V. Camacho Jr., were welcomed by Batangas State University President Dr. Tirso Ronquillo and Vice President for Research, Development and Extension Services (VPRDES) Engr. Albertson Amante, February 23.**

The visit served as a benchmarking activity at BatStateU's newly-minted Special Economic Zone (SEZ), registered by the Philippine Economic Zone Authority (PEZA) – the Knowledge,

Innovation and Science Technology (KIST) Park, for the development of UPLB's Agro-Industrial Park (AIP) and Information Technology Park (ITP). Details on the establishment of the KIST Park, its position as a forefront of innovation to the academe and industry, its leadership and management structures, and the future plans of both universities were discussed during the meeting.

Other officials who joined the benchmarking visit were the UPLB Vice Chancellors, some college deans and school administrators, and members of the Steering and Project Management Committees of the AIP and ITP.

President Ronquillo toured the UPLB team at the Pablo Borbon campus, discussing

the University's infrastructure development including design and project implementation. They also headed to the Science, Technology, Engineering, and Environment Research (STEER) Hub, dubbed as the gateway to the KIST Park at the Alangilan Campus, where they were able to catch sight of the 3D model of the whole KIST Park, and some of the research centers, incubatees, locator offices and facilities inside the hub.

BatStateU KIST Park is the first KIST Park in the Philippines registered by PEZA. President Rodrigo Duterte officially designated the Batangas State University KIST Park as a Special Economic Zone through Presidential Proclamation No. 947.



BatStateU and UPLB officials convene for a short meeting before heading to the STEER Hub - the gateway to the KIST Park located at the BatStateU - Alangilan campus.



## New student services building breaks ground in BatStateU ARASOF-Nasugbu

**BATANGAS, Feb. 18** - Batangas State University officially broke ground today on its new Student Services Center (SSC) building at the BatStateU ARASOF-Nasugbu in Brgy. Bucana, Nasugbu, Batangas.

University President Dr. Tirso A. Ronquillo led the groundbreaking ceremony to mark the construction of the new-age building that will soon rise in the constituent campus.

In his opening remarks, President Ronquillo asserted the university's vision to be a premier

national university and motivated all its constituents to take part in achieving this goal.

"We should be nationally relevant. We should be doing things which will have impact. We should have our contribution in building communities, in building industries," he said.

The president took pride in the continuous infrastructure development projects in BatStateU and all of its constituent campuses whose ultimate aim is to provide quality service for the students. He further expressed his appreciation to the stewards of the campus — the officials, faculty, staff and

students, for their unwavering commitment and dedicated service that greatly contributes to the growth and progress of ARASOF-Nasugbu.

BatStateU ARASOF-Nasugbu Chancellor, Dr. Enrico M. Dalangin expressed his warmest gratitude and appreciation to the support of the university for this undertaking, as well as to the initiatives of the Project Management Offices of ARASOF-Nasugbu and BatStateU Central Administration.

Dr. Lorissa Joana E. Buenas, ARASOF-Nasugbu Vice Chancellor for Academic Affairs, recognized and applauded all efforts "for building pillars for a better future of our dear university, providing better services for our stakeholders and students, as we lead for greater innovations and in transforming the lives of our students."

The four-storey SSC building will house the offices and other student-friendly spaces which will provide quality student services in support to academic instruction, and facilitate holistic and well-rounded student development.

Also present during the ceremony were the members of the President's Advisory Council (PAC), BatStateU Faculty Regent Dr. Jesse Nelson P. Llana, Municipal Councilor Mildred Sanchez Belo, Brgy. Bucana Chief Leon Esguerra along with other local officials, ARASOF-Nasugbu officials, retirees, student leaders, faculty, and staff.

Proper social distancing and standard health protocols were observed throughout the conduct of the program.



BatStateU President Dr. Ronquillo, BatStateU ARASOF-NASugbu Chancellor Prof. Enrico Dalangin, select faculty members, staff and student spearhead the groundbreaking ceremony of the Student Services Center Building.



University officials headed by President Dr. Tirso Ronquillo, members of the Batangas State University Faculty Confederation headed by confed President and BatStateU Faculty Regent, Dr. Jesse Llana, during the renewal and signing ceremonies of the Collective Negotiation Agreement (CNA), March 24.



**ANGEL ANYA DELOS REYES**  
UPLB Economics Society ECONVERGENCE 2021  
**Participant**  
Debate



**JAN AUDREY A. ARANDA**  
UPLB Economics Society ECONVERGENCE 2021  
**2nd Place**  
Impromptu Speaking



**CARL JUSTINE OPULENCIA**  
UPLB Economics Society ECONVERGENCE 2021  
**Participant**  
Debate



**JOHN CARLO M. DORIA**  
UPLB Economics Society ECONVERGENCE 2021  
**3rd Place**  
Essay Writing



**BATANGAS STATE UNIVERSITY-INTEGRATED SCHOOL**  
UPLB Economics Society ECONVERGENCE 2021  
**2nd Place Overall**



**LIZSHEMEI JENN D. AGILLON**  
UPLB Economics Society ECONVERGENCE 2021  
**4th Place**  
Ekonomika Quizbee



**MARK JOSEPH G. ILAGAN**  
UPLB Economics Society ECONVERGENCE 2021  
**Participant**  
Debate



**REINIEL PIENCENAVES**  
UPLB Economics Society ECONVERGENCE 2021  
**Participant**  
Poster Making



**RIEL ALFRED FALOGME**  
UPLB Economics Society ECONVERGENCE 2021  
**Participant**  
Poster Making

A contingent from the Batangas State University – Integrated School was hailed as the overall 2nd runner up winners out of 31 participating schools nationwide, in the recently concluded ECONVERGENCE, hosted by the UPLB Economics Society (ECONSOC), February 6-7. Eonvergence is an inter-high school scholastics convention that aims to promote appreciation of economics among high school students through the analysis of relevant social issues in the country. The team was mentored by Mr. Aries Mendoza, Subject Area Coordinator, Araling Panlipunan Department.



**JO LOUIS VALENCIA**  
RESEARCH ASSOCIATE



5,200+ PPEs

Batangas State University's LIKHA FabLab took part in this year's Fabsiklaban: COVID 19 Innovations, a contest in the fourth installment of the Fabrication Festival dubbed as Fabfest 4, January 7-9. The event bannered the theme "Fabricating the New Normal". In its entry, LIKHA FabLab exhibited its innovations and initiatives for the curb of the COVID-19 spread, such as automated foot sprays, foot baths and the Red Spartan Faceshields. The competition was presented by the Department of Trade and Industry (DTI), in partnership with the DOST's Advanced Manufacturing Center (AMCEN).



Members of the Verde Island Passage Center for Oceanographic Research and Aquatic Life Sciences (VIP CORALS) research team headed by Center Head Dr. Jayvee Saco, visited portions of the seas surrounding Occidental and Oriental Mindoro, for the continuation of fieldworks of the DOST-funded MBioAssess - VIP Project, January 24 - February 12. The team visited sites in Puerto Galera, Oriental Mindoro, and Abra de Ilog, Occidental Mindoro for the assessment of seaweeds/seagrass and coral reefs in the area. Courtesy calls to different local government offices, and higher education institutions (Mindoro State College of Agriculture and Technology and Occidental Mindoro State College) were also attended by the MBioAssess - VIP Team.



## Sen. Ralph Recto leads inauguration of new academic building in BatStateU Lipa



Sen. Ralph G. Recto and University President Dr. Tirso A. Ronquillo led the ceremonial unveiling of the marker of the newly-constructed CECS building at BatStateU Lipa campus.

**LIPA CITY – Senate President Pro Tempore Ralph G. Recto graced the blessing and inauguration of Batangas State University (BatStateU) Lipa's newly constructed five-storey College of Engineering and Computing Sciences (CECS) Building and other new campus facilities last March 5.**

A brand new and modern look of the BatStateU Lipa campus greeted Sen. Recto and other executive guests including Lipa City Mayor Eric Africa, Vice Mayor Mark Luancing, and DPWH District Engineer Rody Angulo. They were welcomed by Batangas State University officials headed by the University President Dr. Tirso A. Ronquillo and BatStateU Lipa Chancellor Atty. Alvin De Silva.

The program started with the ceremonial unveiling of the 'Gateway to Greatness' followed by the ribbon cutting ceremony for the new University Facade and the CECS building.

In Sen. Recto's keynote speech, he underscored the importance of providing opportunity in education, especially to the youth.

"Napakahalaga sa atin ng edukasyon ng ating mga bata. Oportunidad ang pinakamahalaga," he shared.

(Education for the youth is very important to us. Opportunity is the key.)

Sen. Recto lauded the University's efforts in its pledge of providing not only quality education, but also state of the art facilities for the Red Spartan community. He also ensured his support to BatStateU and to all of its projects and endeavours for the benefit of today's youth in making them leaders of the global knowledge economy, and in the realization of the University's pursuit to become a national university.

Meanwhile, Dr. Tirso A. Ronquillo extended the University's warmest appreciation to Sen. Recto's leadership and support to the projects of the BatStateU. He also stressed his thanks on behalf of the Philippine Association for State Universities and

Colleges (PASUC) for the Universal Access to Quality Tertiary Education, or the RA 10931, which was authored by Sen. Recto.

"Ito po ay nagbibigay ng libreng pag-aaral sa lahat ng mag-aaral sa state universities and colleges (SUCs) at ganun din po sa mga local universities and colleges (LUCs) sa buong bansa," he added.

BatStateU Lipa Chancellor Atty. Alvin De Silva also conveyed his warmest gratitude to Sen. Recto for his initiative in the realization of the construction of the CECS building.

"Batid naming lahat na hindi magiging posible ang pagsasakatuparan nito kung wala ang malinaw na komunikasyon sa pagitan ng inyong opisina at ng aming pamantasan, sa inisyatibo ni President Tirso Ronquillo," he added.

(We fully know that this would not have been possible without coherent communication between your good Office and our University through President Tirso Ronquillo's initiative.)

Furthermore, Lipa City Mayor Eric Africa also delivered a message of gratitude for bringing free and quality education to the youth of Lipa. He also reminded the students to be vanguards of the facilities so it can be fully utilized and passed onto the future generations.

Others present during the event were the members of the Sangguniang Panglungsod, members of the BatStateU Presidential Advisory Council along with select faculty, students, and staff. Proper social distancing and standard health protocols were observed throughout the conduct of the event.



University President Dr. Tirso A. Ronquillo together with Malvar town Mayor Cristeta C. Reyes and JPLPC-Malvar campus officials during the groundbreaking and inauguration ceremonies of the new JPLPC-Malvar buildings.

## BatStateU JPLPC-Malvar holds ground breaking of HEB, inaugurates new SSC Building

**A ground breaking ceremony for the state of the art Higher Education Building (HEB) was held at the BatStateU Jose P. Laurel Polytechnic College – Malvar campus grounds, March 18.**

The new Higher Education Building will house modern-day classrooms, faculty rooms, administrative offices, a conference room, computer laboratory, and a canteen, all for the purpose of providing a conducive student-teacher learning environment.

In his speech, University President Dr. Tirso Ronquillo congratulated the BatStateU JPLPC-Malvar for materializing the product of the concerted efforts of all the people behind the project. "We are not just building buildings, what we are doing is, we are building these institutions, we are building communities," he shared.

He also emphasized that by means of doing projects like these, the University is empowering the campus to produce more professionals needed by the industry and the nation.

Municipal Mayor Cristeta Cuevas-Reyes lauded the university's efforts in developing infrastructure projects intended for student development. "Ang BatStateU ay

sumasabay sa progress ng ating bayan, at sumasabay din po kami sa progress ng eskwelahan. Dapat talaga tantamount, you progress and we progress," she shared.

She also thanked the University for bringing quality education closer to the youth of Malvar and its neighboring cities and municipalities.

"Ito [Higher Education Building] ay para talaga sa mga bata ano, and of course para sa mga kasamahan dito sa Batangas State University," JPLPC Malvar Chancellor Dr. Philip Del Rosario stressed in his message. He also thanked the generous support given by the University and LGU officials for the projects of the university.

Former Malvar Executive Director and now serves as the Chancellor of the Pablo Borbon campus, Dr. Expedito Acorda took a trip down memory lane as he willingly shared his experiences during the conceptualization of the Higher Education Building, and in leading the Malvar campus for almost 8 years. "I think that's one of my achievements here, I was able to work well with my colleagues starting from the highest official to the janitors. Maraming maraming salamat po!" he closed.

The event was highlighted by the ceremonial breaking of the ground led by Dr. Tirso A. Ronquillo,

together with Malvar Mayor Cristeta Reyes, Municipal Building Official Engr. Moises Reano, Poblacion Malvar Brgy. Captain Mr. Servillano Perilla, other BatStateU Central Administration officials, constituent campus heads and JPLPC-Malvar administrators. The ceremony was witnessed by the faculty members, staff and select students.

After the HEB ground breaking ceremony, the JPLPC-Malvar community gathered for the blessing and inauguration of the new Student Services Center building. President Ronquillo, Mayor Reyes and Chancellor Del Rosario spearheaded the ribbon cutting ceremony and the ceremonial unveiling of the marker. The blessing of the entire building was celebrated by the officiating priest Fr. Rustam Sabularse.

The Student Services Center serves as a hub where student-friendly office spaces, intended to deliver innovative services for holistic student development are located.

In a closing message, Dr. Ronquillo underscored that these infrastructure developments are instruments in inspiring the youth and employees to be faithful servants of the greater public and to be productive citizens of the society.

# BatStateU receives AACCUP recognition as one of the top performing SUCs

A total of three (3) recognition awards were presented to Batangas State University by the Accrediting Agency of Chartered Colleges and Universities in the Philippines (AACCUP) during its 34th AACCUP National Conference last March 12 which was also the first time the annual event was executed virtually.

With BatStateU's outstanding performance in leveling up its academic programs through participating in various institutional accreditation activities, AACCUP granted BatStateU the award as the Top 3 performing SUC with the highest percentage of accredited programs (98%) over the total accreditable programs from 1992-2019. Also, BatStateU achieved the Top 4 performing SUC award with the highest number of Level IV accredited programs (4 programs) in 2019, and the Top 2 performing SUC award with the highest number of Level II accredited programs (23 programs) in 2020.

BatStateU President Dr. Tirso A. Ronquillo was recognized as one of the distinguished speakers during the three-day national conference. Meanwhile, AACCUP Executive Director Dr. Milabel E. Ho personally handed the plaques of recognition to Dr. Ronquillo during the AACCUP Accreditation Consultation Meeting at BatStateU, March 16.

Dr. Agnes Arellano, Quality Assurance Management (QAM) Director, expressed her warmest gratitude to the generous support of the university officials, as well as to the equally hardworking members of the local task force, faculty, staff, students and all the stakeholders of the university, for this significant achievement.

AACCUP is responsible for conducting accreditation of curricular programs in the Philippines, particularly for state universities and colleges (SUCs). Its mission is to conduct internal and external assessment among chartered SUCs to make the attainment of quality in education an integral part of the higher education systems.



BatStateU President Dr. Ronquillo (left most), and Quality Assurance Management Director Dr. Agnes Arellano (right most), receive the plaques of appreciation from AACCUP Executive Director, Dr. Milabel Ho (beside Dr. Ronquillo) and AACCUP Board of Trustees member Dr. Glenda De Lara (beside Dr. Arellano)



## BatStateU strives for AACCCUP institutional accreditation for the Alangilan campus

**Representatives of the Accrediting Agency of Chartered Colleges and Universities in the Philippines (AACCCUP) visited the Batangas State University for an institutional accreditation (IA) consultation meeting held at the Audio-Visual Room, 5th floor, Higher Education Building, BatStateU Pablo Borbon campus, Batangas City, March 16.**

This served as an orientation for the BatStateU institutional accreditation working committees and local task force as the University files its intent to undergo institutional accreditation with AACCCUP for the Alangilan campus, following the university's pursuit in providing higher level of quality education.

"It's more on sharpening up, by way of submitting everything that we have, with the current criteria of institutional accreditation," University President Dr. Ronquillo shared during his opening remarks. He also expressed that along with the university's success in

accrediting its academic programs, it is also with great fulfillment that the university is institutionally accredited.

Resource speaker Dr. Milabel E. Ho, as introduced by Quality Assurance Management (QAM) Director, Dr. Agnes Arellano, discussed the introduction and essential details of institutional accreditation. She also comprehensively explained the IA framework, which includes its rationale, objectives, definitions, criteria, and its policies and guidelines. Dr. Glenda De Lara, AACCCUP Board of Trustees member, expounded individually the institutional portfolio (Areas I-IX) of IA.

Entertaining ice-breakers such as stretching exercises and physical fitness activities were performed by Dr. Ho in between talks to revitalize the audience's attention and interest.

Questions raised during the consultation meeting were enthusiastically answered by the resource speakers.

The event was attended by AACCCUP technical staff, and the members of the working



committees and local task force for institutional accreditation comprised of the President's Advisory Council, directors, select faculty members and administrative staff from the central administration and Alangilan campus.

Prior to the consultation meeting, Dr. Ronquillo toured the AACCCUP team to the STEER HUB at the Alangilan campus to stage the university's newest undertaking in technological innovation and industry-academe partnerships, the BatStateU KIST Park.





## BatStateU inks partnership with Mariwasa to promote industry-academe collaboration in Ceramics Engineering

Batangas State University, one of the very few universities that offers Ceramics Engineering and Mariwasa Siam Ceramics, Inc. (MSCI), the leading tile manufacturer and brand in the Philippines have joined together through a memorandum of agreement (MOA) to promote dynamic industry-academe cooperation in the field of Ceramics Engineering. The formal MOA signing was held at the President's Office Conference Room, 4th Floor, Student Services Center Building, BatStateU Pablo Borbon campus, Batangas City, March 17.



From L-R: VP for Academic Affairs Prof. Rogelio Antenor, BatStateU President Dr. Tirso Ronquillo, MSCI President Mr. Jakkrit Suwansilp and MSCI VP for Finance and Administration during the MOA Signing Ceremony between BatStateU and Mariwasa.

University President Dr. Tirso Ronquillo and VP for Academic Affairs Prof. Rogelio Antenor signed in behalf of BatStateU, while Mr. Jakkrit Suwansilp MSCI President, and Ms. Emilie Maramag VP for Finance and Administration represented Mariwasa.

This partnership endeavors to strengthen the industry exposure of the future members of the workforce by infusing industry-based skills into the curriculum, ensuring that the students gain practical know-

how, and apply theory to practice, specifically in the field of Ceramics Engineering. Ceramics Engineering is included on the 23 new and emerging engineering programs that BatStateU has started offering for the academic year 2021-2022.

Dr. Ronquillo, in a short message, shared the university's undertaking in developing more engineering programs intended to produce competent professionals in the workforce. He also thanked MSCI for welcoming BatStateU

grads to the company and in further developing their skills and expertise in the field. Mr. Suwansilp responded with enthusiasm for the potential opportunities that the partnership can bring to both the students and the industry.

Select representatives from BatStateU central administration, Alangilan campus officials, and MSCI team also witnessed the signing ceremony.

# BatStateU signs MOA with Montenegro Shipping Lines



From L-R: VP for Development and External Affairs Dr. Kristoffer Conrad Tejada, BatStateU President Dr. Tirso Ronquillo, MSLI President Mr. Vicente Montenegro Jr. and MSLI Operations Manager Mr. Dennis Berania during the MOA Signing Ceremony between BatStateU and Montenegro Shipping Lines.

On March 24, 2021, the Batangas State University established another industry-academe partnership, as it inked a memorandum of agreement with the Montenegro Shipping Lines, Inc., held at the President's Office Conference Room, 4th floor, Student Services Center Building, Batangas

State University Pablo Borbon Campus, Batangas City.

The partnership shall promote a dynamic cooperation in the fields of Port Management, Naval Architecture and Marine Engineering. MSLI, being one of the leading domestic shipping companies in the country and a pioneer service provider

of commercial and public transportation by sea, and BatStateU, being one of the largest providers of engineering education nationwide, the partnership aims to serve the greater public through narrowing the gap between the university's products and industry's requirements.

Both parties also position themselves to an active collaboration to avoid skills mismatch between the academic inputs and industry needs, thereby nurturing an exchange of expertise and knowledge sharing. The partnership makes it possible to cultivate talented and industry-trained graduates by providing hands-on training and real-life simulations to students. The partnership also allows capability-building programs in order to infuse university know-how into the industry operations.

The event was highlighted by the MOA signing ceremony, where Batangas State University President Dr. Tirso A. Ronquillo and VP for Development and External Affairs Dr. Kristoffer Conrad Tejada signed in behalf of BatStateU, and Mr. Vicente Montenegro Jr., President, and Mr. Dennis Berania, Operations Manager, represented MSLI.



# BatStateU strengthens industry-academe linkage through Smart SWEEP partnership renewal

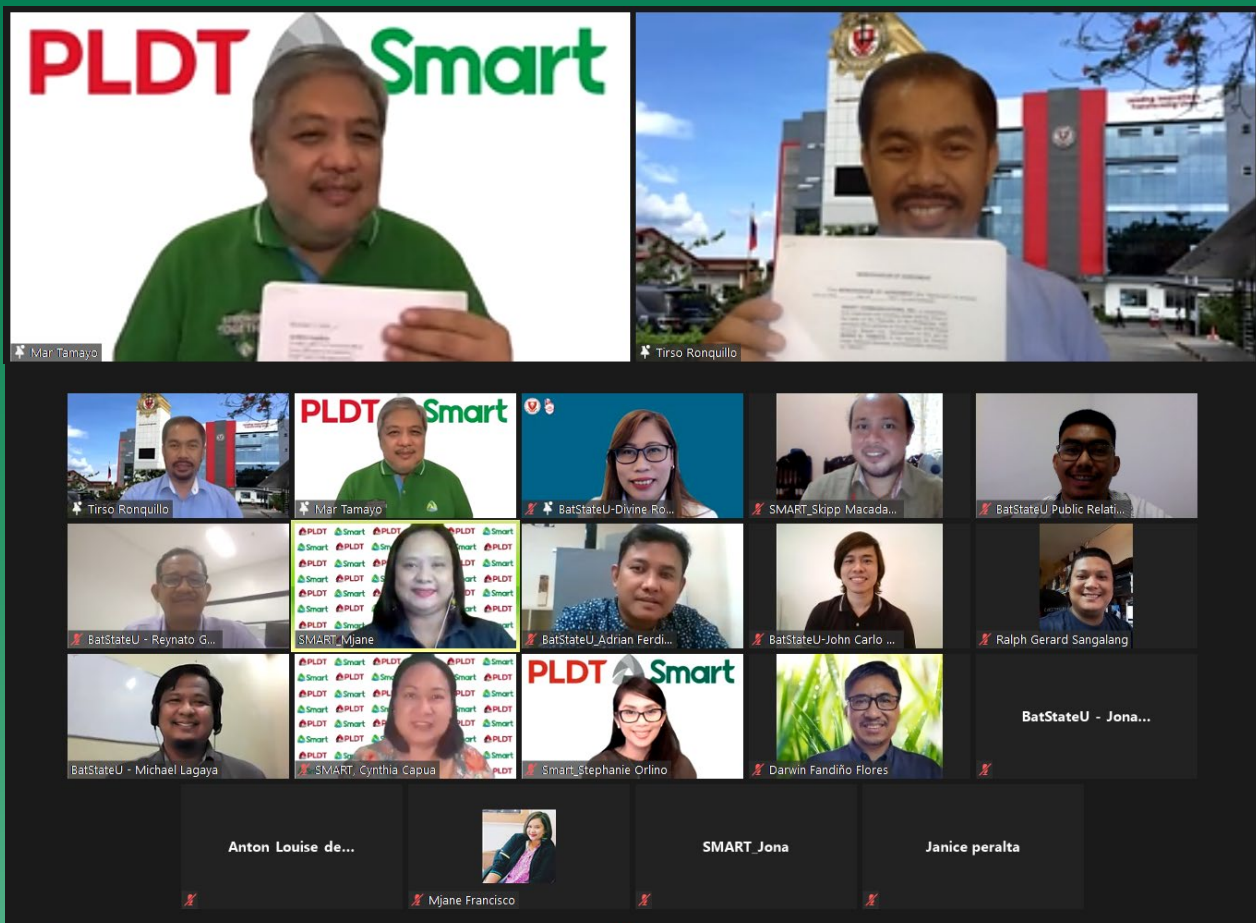
The Batangas State University and Smart Wireless Engineering Education Program (SWEEP) by Smart Communications, Inc. officially renewed its partnership, through a memorandum of agreement (MOA) signing ceremony held via a Zoom conference meeting last March 15.

Dr. Tirso A. Ronquillo, BatStateU President and Mr. Mario G. Tamayo, Technology Group Head of Smart Communications, Inc. led the signing of the agreement, flourishing more opportunities to the already abundant 18 years of industry-academe partnership between BatStateU and Smart. SWEEP is one of Smart's linkage programs with the academe sector partnered with 31 other colleges and universities all over the country that offer ECE and IT courses which aims to help in producing industry-ready graduates or technopreneurs by leveraging on its network, infrastructure and technologies.

In a short message, Dr. Ronquillo expressed his warmest gratitude to Smart Communications, Inc., for its continuous support and commitment in providing programs and activities to the BatStateU engineering and IT students. Meanwhile for Mr. Tamayo, it is through embracing Smart's mantra, 'stronger together' that propelled the relationship to be fruitful and long-lasting.

New and more advanced technologies are at hand for Smart's academe partners, as it targets to be relevant to the students and the general society.

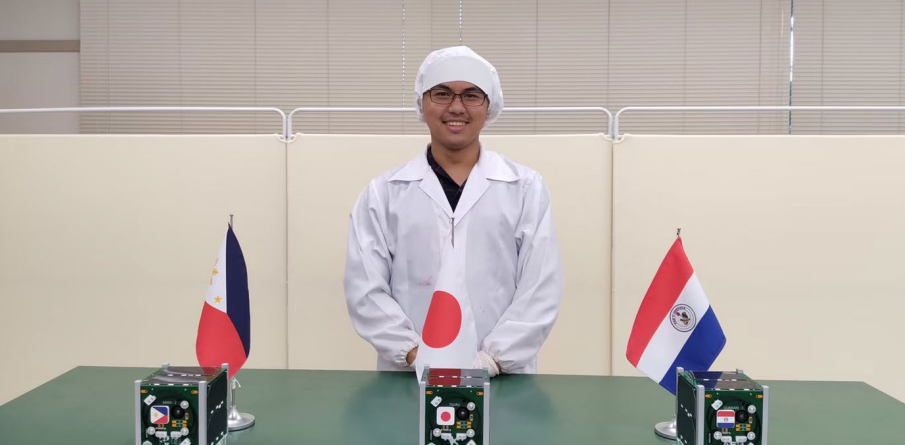
Also present in the virtual MOA signing were representatives from Smart Communications, Inc., BatStateU Electronics, Instrumentation and Control, and Mechatronics Engineering Department Head Engr. Divina Gracia Ronquillo, and select faculty members and staff from the central administration and Alangilan campus.



President Dr. Tirso A. Ronquillo, Smart Network Planning and Engineering Head Mr. Mario G. Tamayo, and representatives from both parties pose for a photo opportunity after the signing ceremonies for the renewal of partnership.

Source: <https://smart.com.ph/About/learnsmart/programs-projects/sweep>





ECE Alumnus Engr. Mark Angelo Purio, BatStateU President Dr. Tirso A. Ronquillo, VPRDES Engr. Albertson Amante and Engr. Ralph Gerard Sangalang were all smiles during the 'kumustahan' session about Engr. Purio's feat on being one of the brains behind the Philippines' second cube satellite launched to the ISS.

## BatStateU alumnus leads innovation in space engineering

**"Mahirap lang kami eh." Engr. Mark Angelo Purio shared during the Batangas State University Alumni In Focus virtual interview as he looked back on his roots and humble beginnings from being a simple 'probinsyano' to becoming one of the lead innovators in the field of space science today.**

Purio is one of the brains behind the Philippines' second cube satellite (CubeSat) Maya-2 that was successfully launched to the International Space Station (ISS) this February 21.

He was responsible for the Camera Mission (CAM) of the BIRDS-4 Satellite Project which captures images and serves as the eye of the satellite from space. He also assisted in the design and development of a standardized backplane board (BPB) which holds the boards together and serves as a bus for inter-board connections and power supply.

The developers of Maya-2, including Purio, are Department of Science and Technology (DOST) scholars pursuing doctoral degree programs in Space Engineering in Kyushu Institute of Technology (Kyutech) in Japan.

That's why he proudly calls himself a living embodiment of being an "Iskolar Para sa Bayan"; Purio is a consistent DOST scholar from college through his current doctoral degree.

He is a Batangas State University alumnus who graduated with a degree in Bachelor of Science in Electronics and Communications

Engineering and continued to gain his masteral studies in Electronics Engineering at De La Salle University, and currently a Ph.D. candidate at Kyutech. He revealed that his interest in space engineering only came in later, and it was his interest in math, science and technology that led him to studying Electronics and Communications Engineering in BatStateU.

But he admits it wasn't always an easy feat in financial terms. "When I was in high school, hindi ako sure if I will be able to...kung makakaya pa na makapag-college ako," he said.

(When I was in high school, I was not sure if I will be able to...if it's within our means for me to enter college.)

But given what he has accomplished now, Purio hopes to inspire people, especially the students, to dream big and aspire high.

"Regardless of what situation you are in right now, if you have a dream that you want to pursue, don't be afraid to take risks. If you don't have the resources right now, just pray to God and He will give you the resources to push through." he said.

The University President Dr. Tirso Ronquillo personally congratulated Engr. Purio in a separate virtual 'kumustahan' meeting together with Engr. Albertson Amante, Vice President for Research, Development, and Extension Services and Engr. Ralph Sangalang, all of whom are Purio's former professors during his undergraduate years at BatStateU in the Electronics

Engineering Department. Purio described President Ronquillo as a "compassionate" and "considerate" professor. And just like from when in college upto now, Pres. Ronquillo still has a posed challenge for Purio as BatStateU alumnus.

"Beyond all the accolades, beyond all the recognitions, there has to be translation. We are always recognized for one doing this and that or one excelling here and there, but it has to be translated. That is my challenge."

With that, Purio expressed his gratitude to the university for the foundation and skill set in engineering that BatStateU had instilled in him to prepare his launch to the career path he has chosen.

"Malaking part 'yung Batangas State University for me kasi doon na-steer 'yung curiosity ko. Do'n din na-hone 'yung skills ko."

(The years I have spent with Batangas State University is a huge part of my success because it is through the university that I was able to steer my curiosity and hone my skills.)

Moreover, Pres. Ronquillo asked for Engr. Purio's support to the university's vision in positioning itself to become a premier national university, especially now that the BatStateU is nearing their launch of new engineering programs, one of which is Aerospace Engineering.

Purio is also hopeful for future plans and partnerships with the university. He ultimately plans to give back to his roots and serve the country through continuous participation in various efforts and collaboration in the field of space science.

**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  
 Master of Science in Electronics Engineering  
 Master of Science in Computer Engineering  
 Master of Science in Artificial Intelligence  
 Master of Science in Advanced Manufacturing  
 Master of Science in Alternative Energy Engineering  
 Master of Science in Construction Management  
 Master of Science in Earthquake Engineering  
 Master of Science in Naval Architecture  
 Master of Science in Transportation Engineering  
 Master of Science in Materials Engineering  
 Master in Urban Planning and Design  
 Master in Engineering Management  
 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 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 Automotive Engineering  
 Bachelor of Science in Aeronautics Engineering  
 Bachelor of Science in Material Science and Engineering  
 Bachelor of Science in Transportation Engineering  
 Bachelor of Science in Biomedical Engineering  
 Bachelor of Science in Geodetic Engineering  
 Bachelor of Science in Geology/Geological Engineering  
 Bachelor of Science in Ceramics Engineering  
 Bachelor of Science in Metallurgical Engineering  
 Bachelor of Science in Architecture  
 Bachelor of Science in Naval Architecture  
 and Marine Vehicle Engineering  
 Bachelor of Fine Arts major in Visual Communication  
 Bachelor of Science in Interior Design

**COLLEGE OF ACCOUNTANCY, BUSINESS, ECONOMICS AND INTERNATIONAL HOSPITALITY MANAGEMENT**

Doctor of Public Administration  
 Doctor of Business Administration  
 Master of Science in Port Management  
 Master of Science in Supply Chain Management  
 Master of Business Administration  
 Master in Public Administration  
 Master in Logistics Management/Port 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  
 Bachelor of Science in Public Health for Disaster Response

**COLLEGE OF MEDICINE**

Doctor of Medicine

**COLLEGE OF NURSING AND ALLIED HEALTH SCIENCES**

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

**COLLEGE OF LAW**

Bachelor of Laws

**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

**COLLEGE OF INFORMATICS AND COMPUTING SCIENCES**

Master of Science in Computer Science  
 Master of Science 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
- Major in Mathematics Teaching
- Major in Science Teaching
- Major in English Language Teaching
- Major in Filipino Language Teaching
- Major in Physical Education
- Major 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
- Major 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 major in Language and Literature  
 Master of Arts in English major in Language and Literature  
 Master of Science in Mathematics  
 Master of Chemistry  
 Master in Development Studies  
 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

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

## **University Mission**

A university committed to producing leaders by providing 21<sup>st</sup> 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

## **University Enablers**

Governance  
Human Resource  
Financial Resources  
Infrastructure  
Linkages  
Government

## **University 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

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## **BATANGAS STATE UNIVERSITY**

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