

EXECUTIVE SUMMARY

The Philippine government mandated the state universities and colleges through the Republic Act No. 11396 otherwise known as the 'SUCs Land Use Development and Infrastructure Plan (LUDIP) Act' to prepare and implement a LUDIP in order to improve and optimally utilize their resources. This law requires State Universities and Colleges to follow the LUDIP in all of their land use and infrastructure projects and ensures that their plans complement and are in consonance with the land use plan, practice, activity across geographical boundaries.

After the Implementing Rules and Regulations (IRR) of the said law, the Commission on Higher Education through CHED Memorandum Order 11 S. 2020 was published in The Manila Times on January 12, 2021.

Hence, to ensure that Batangas State University will be efficient in the allocation, development, and management of its resources in all of its campuses, comprehensive land use and development and infrastructure plans were developed.

As an institution of higher learning, Batangas State University's (BatStateU) existence is governed by the following government mandates: the Republic Act 7722, otherwise known as the 'Higher Education Act of 1994', and the Republic Act 9045, otherwise known as the 'Batangas State University Charter'.

BatStateU is a Level IV state university in the province of Batangas, Philippines. It is one of the country's model higher education institutions recognized by the Commission on Higher Education (CHED) and is considered as the first and the only state university in the Philippines with engineering, IT, and computer science programs accredited by the Accreditation Board for Engineering and Technology (ABET) – Engineering Accreditation Commission and Computing Accreditation Commission. It received ISO 9001:2015 certification in 2017, and its programs are designated as National Centers of Excellence and Development. It has 15 development centers and is recognized by the Regional Development Council of Region IV-A. It is also regarded as the Regional Center for Technology Business Incubation and Development, and the Regional Center for Science, Technology, Engineering, and Environment Research.

In terms of university ranking, in 2020, BatStateU received a three-star rating from Quacquarelli Symonds. QS is one of the most influential university rankings in the world.

BatStateU is also one of the country's partners for industrial productivity and economic growth through the launching of the country's first Knowledge, Innovation, and Science Technology (KIST) Park. The Presidential Proclamation No. 947, s.2020 designated BatStateU KIST Park, located in its Alangilan campus, as a Special Economic Zone making it the first KIST Park registered by the Philippine Economic Zone Authority.

The remarkable milestones of BatStateU were nourished by its notable and promising history. Established as a manual training school in 1903, Batangas State University is the oldest higher education institution in the country's Calabarzon Region. In 1953, by



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virtue of Republic Act No. 746, a national status was conferred to Batangas Trade School, thereby changing its name to Pablo Borbon Memorial Trade School. In 1968, it was converted into a state college through RA 5270 and was renamed Pablo Borbon Memorial Institute of Technology (PBMIT). It was finally elevated into a state university in 2001 by virtue of RA 9045. This provision integrated PBMIT and all its branches and campuses in the province of Batangas – the Jose P. Laurel Polytechnic College in Malvar, the Apolinario R. Apacible School of Fisheries in Nasugbu, and the Polytechnic University of the Philippines Campus in Sto. Tomas. This paved the way for its conversion into a state university, now called Batangas State University.

BatStateU has 11 campuses with more than 55, 096 students enrolled in over 110 undergraduate and graduate degree programs. With the implementation of BOR Resolution No. 172 S. 2020 on the Revised Organizational Structure, Management Processes and Procedures: Empowering and Strengthening Constituent Campuses, BatStateU's organizational structure was decentralized. Now, it has five constituent campuses namely: Pablo Borbon, Alangilan, Lipa, Malvar, and ARASOF-Nasugbu; and six extension campuses such as Lemery, Rosario, and San Juan attached in the Pablo Borbon Campus while Lobo, Balayan, and Mabini are attached in the Alangilan Campus.

BatStateU is governed by its Board of Regent. Stipulated in Sec. 5 of RA 9045, the University Board Regent is the highest governing body of BatStateU with its designated chairperson CHED Commissioner Dr. Lilian De Las Llagas. The President's Advisory Council spearheaded by University President Dr. Tirso A. Ronquillo, who is also the Vice-Chairperson of the Board of Regent, is the management committee spearheading strategic planning, policy formulation, and decision making based on Board-approved policies and guidelines.

The university has four councils: Administrative, Academic, Research, and Extension. The Administrative Council reviews and recommends to the Board policies governing the administration, management, and development planning of the university for appropriate action. Meanwhile, the Academic Council has the power to review and recommend the curricular offerings and rules of discipline of the university, subject for appropriate action of the Board. It shall fix the requirements for admission of students, as well as for graduation and the conferment of degrees, subject to review and/or approval by the Board.

Batangas State University offers over 110 undergraduate and graduate degree programs. It has programs in engineering, architecture, fine arts, interior design, law, computer science, information technology, industrial technology, teacher education, nursing, dietetics, accountancy, management accounting, business administration, entrepreneurship, public administration, customs administration, tourism management, hospitality management, development communication, criminology, biology, chemistry, mathematics, agriculture, forestry, and fisheries and aquatic sciences. Recently, the university started offering programs in disaster risk management, the first in the CALABARZON region.



It also has an Integrated School in its Pablo Borbon Campus and a Laboratory School in its ARASOF Nasugbu campus, both offering basic education, junior high school, and senior high school (STEM strand) under a science and technology-based curriculum.

Offered in multiple sites for increased student access to quality education, the university's academic programs are anchored on pragmatic, relevant, and socially responsive curricula. These are government-recognized and issued certificates of program compliance by the Commission on Higher Education. In addition, its programs are regularly accredited by the Accrediting Agency of Chartered Colleges and Universities in the Philippines or AACCUP, Inc. Several of its programs have already reached Level IV, the highest level of accreditation by AACCUP. These are the Mechanical Engineering, Elementary Education, Secondary Education, and Development Communication programs. Other programs have passed Level IV-Phase I and will undergo the Phase II evaluation before being awarded Level IV accreditation.

In order to support its vision and mission, the University crafted its Ten Year Strategic Plan (2019-2029) which serves as the blueprint for its development program. The 10 - Year Strategic Plan is branded as BASICS and has the following pillars:

Pillar 1: Brand of Excellence

Batangas State University envisions to be a producer of globally competitive graduates and lifelong learners who have the competency to lead through the development of dynamic curriculum responsive to the drivers of society and industry. The University shall produce breakthrough researches and relevant extension services. It shall be a primary repository of knowledge on niche research areas, spearheaded by a pool of excellent and qualified faculty members. Beyond compliance with standards and regulatory requirements, the university shall continue to provide exceptional services among students, faculty and stakeholders and ensure continuous quality improvement. The University shall be a respected global partner in scholarship and research.

Pillar 2: Access

Adherent to the government's drive to promote universal access to quality education, Batangas State University shall provide a 21st century learning environment, through smart infrastructures and innovative services that is geared towards meaningful learning experiences for holistic development. Batangas State University shall open its doors to the community, local government, industries and other stakeholders through collaborative research, extension and consulting services.

Pillar 3: Social Relevance

Batangas State University shall explore niche areas that directly respond to challenges in communities and industries in the country through strategic partnerships and knowledge-based solutions to achieve a better and more sustainable future. In particular, the university shall take a proactive role in advancing the Sustainable Development Goals, deepening appreciation for culture and the arts, educating the public on emerging and pressing social concern and developing platforms that address issues of national relevance

Pillar 4: Inclusive Innovation

Batangas State University shall be a platform for innovation in instruction, research,



extension services and university governance. It shall support wider participation of stakeholders in the development of technology based startups and social enterprises with the end goal of developing products and services for national development.

Pillar 5: Capacity

Batangas State University shall commit to provide its personnel with continuing professional development programs towards achieving academic excellence. It shall also provide adequate infrastructure to ensure optimum delivery of quality services to its stakeholders.

Pillar 6: Sustainability

Batangas State University shall ensure sound resources management in order to effectively and efficiently carry out its mandates. It shall institutionalize mechanisms and policies to guarantee continuity of its programs and other strategic initiatives. It shall observe accountability, transparency, efficiency and risk management in all its operations. It shall explore public and private partnership in its investment initiatives as well as global funding in order to widen its streams of resources.

The College of Engineering, Architecture, and Fine Arts offers the university's flagship degree programs and is a pioneer in the full implementation of outcomes-based teaching and learning and the integration of Technopreneurship in its curricula. Aside from AACCUP, its programs are also regularly accredited by the Philippine Technological Council or PTC, the umbrella organization of engineering professionals in the Philippines, and the US-based Accreditation Board for Engineering and Technology.

As part of the university's 10-year strategic plan, Batangas State University offers new graduate and undergraduate programs with curricula that reflect 21st-century competencies along with emerging industries. These include 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 for undergraduate programs.

The new graduate programs are urban planning and design, construction management, materials science engineering, transportation engineering, engineering management, engineering education, supply chain management, port management, advanced manufacturing, data science and analytics, artificial intelligence, energy engineering, and earthquake engineering.

In compliance with Republic Act No. 7797, the Board of Regents approved the movement of the university's academic calendar from June–March to August-May starting in 2016. This was also done to align the university's academic calendar with that of the ASEAN and the international community.

The university library hosts a wide collection of references and subscriptions to journals, magazines, and newspapers. It has an e-Library system with library automation software that supports the Destiny Library Manager for a more detailed transaction in online circulation, inventory reporting, computerized logbooks, and utilization reports.



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The university also has access to IEEE XPlore and Science Direct. The library's website has been redesigned to include new features such as the enhancement of the Online Public Access Catalog or OPAC, the inclusion of e-journals, e-books, and other library resources section, library space reservations feature, and enhanced borrowing and reservation feature. Recently, the university has realigned its budget for subscription to digital content, ensuring that the University Library remains a relevant environment for faculty and students to acquire resources essential for their teaching, learning, and research. Soon, the university's Science, Technology, Engineering, Agriculture, and Mathematics (STEAM) Library will be inaugurated on its main campus.

Each college has program-specific laboratories to support hands-on, simulated learning and the application of theories. One of the most recent laboratories established is the fabrication laboratory called the Labspace for Innovation Knowledge-Honing and Application (LIKHA FabLab), which is part of the university's Manufacturing Research Center. Located in the Science, Technology, Engineering, and Environment Research or STEER Hub, this laboratory has a high-quality research infrastructure for developing models and making prototypes for mass production. It was established in 2018 through a grant from the Department of Trade and Industry of P12 million worth of state-of-the-art equipment and facilities to accommodate university students and micro, small and medium enterprises (MSMEs). It is equipped and ready for digital designs, 3D printing, laser engraving/cutting, CNC wood router, vacuum formatting, large format printing, and CNC metal milling.

In response to the need for personal protective equipment or PPE due to the COVID-19 pandemic in early 2020, the LIKHA FabLab fabricated the Red Spartan Face Shields. Along with masks, face shields are a basic requirement for health workers as an additional barrier to reduce the risk of viral transmission via airborne droplets. Through the Optimized Vacuum Forming Method for fabricating the face shield, the LIKHA FabLab reduced the time of fabrication to six minutes per face shield as compared to the one hour and 46 minutes just using the 3D printing process. As of June 2020, the LIKHA FabLab has already produced over 2,000 face shields distributed among health care professionals and frontline personnel in Batangas.

The university has also a virtual learning environment initially utilized by graduate school professors but was eventually used by undergraduate students as well. It partnered with Google for the Google Education program, enabling the faculty and students to have free, unlimited access to G Suite and all its products and features.

The university, in 2020, established its Center for Transformative Learning (CenTRaL), which serves as the university's arm in harnessing innovative technologies in delivering alternative modes of teaching and learning. It has three major components: capacity building and training, ICT technical services, and content development and evaluation.

In terms of student admission, prospective students need to pass the BatStateU Admission Test. Applicants are guided through the university's online facility on how to apply and qualify to take the entrance examination. There are four filing centers and six testing centers in the university. The Admission Test is administered once a year, with all information about the application and test dates regularly announced through the



university's website. Upon passing the test, the registration of students can be done online or through physical office transactions.

In terms of scholarships, Filipino students who pass the college entrance examination can enjoy the free tuition and miscellaneous fees provided for in RA 10931 or the Universal Access to Quality Higher Education Act of 2018. Foreign nationals, on the other hand, are welcome and will be assisted by the Office for External Affairs. The university gives financial assistance and support to students through its Scholarship and Financial Assistance Office. In addition, some industries and institutional partners provide financial assistance to qualified students.

The university has a hostel in BatStateU Pablo Borbon, and in BatStateU ARASOF-Nasugbu, and a student dormitory in BatStateU Alangilan. In addition, the Office for Student Housing and Residential Services accredits boarding houses and dormitories outside of the university to ensure the safety and convenience of its students.

Apart from institutional awards and recognitions from international, national, regional, and private giving bodies, the university is also a recipient of project-specific recognitions.

The University is a recipient of Gawad KALASAG (*KAlamidad at Sakuna LAbanan, SAriling Galing ang Kaligtasan*) award from the Office of Civil Defense–National Disaster Risk Reduction and Management Council or NDRRMC for its amphibious vehicle Tactical Operative Amphibious Drive or TOAD, and for the tsunami early warning device Solar-Powered Isotropic Generator of Acoustic Wave or SIGAW.

The University is a regular host of international conferences on engineering, science, technology, business, education, social sciences, disaster risk management, and climate change adaptation. BatStateU is home to 29 ASEAN-registered Engineers.

The overall population of BatStateU is gradually increasing every year. For the Academic Year 2020-2021, the total enrollment was 48, 759 while on Academic Year 2021-2022, all BatStateU campuses have a total combined student population of 55, 096 or about 13% increase in enrollment. Of this student population, about 38.89% are males, while 61.11% are females. With the total population of 1, 861, there are more female faculties (54%) than males (46%). Non-teaching staff, which include accounting, human resources, etc., has a total number of 119, of which 44.54% are males while 55.46% are females. Meanwhile, staff in job order status has 45.50% or 192 males and 54.50% or 230 females.

BatStateU campuses are seated strategically in the municipalities and cities in Batangas region Province in the CALABARZON occupying the central section of Luzon. The province has a land area of 3,119.75 square kilometers or 1,204.54 square miles. Its population as determined by the 2020 Census was 2,908,494. The latest census figures in 2020 denote a positive growth rate of 7.94%, or an increase of 214,159 people, from the previous population of 2,694,335 in 2015. The province ranked 9th in the 2020 Cities and Municipalities Competitive Index. In 2009, the Philippine Statistics



Office ranked Batangas as one of the provinces with a High Development Index (HDI). HDI is a composite index measuring achievements in three basic dimensions of human development, which are: to lead a long and healthy life; to acquire knowledge; and to have access to the resources needed for a decent standard of living.

Courses offered in each campus highlight what their locality has to offer. The best example would be BatStateU Lobo Campus which offers Agriculture and Forestry; putting the spotlight on Lobo's rich ecological biodiversity. Lobo is situated along the Verde Island Passage Corridor which is considered as the 'center of the center of marine biodiversity in the world'. Pablo Borbon and Alangilan Campuses are nearby the Batangas International Port which serves as an alternate port to the Port of Manila.

Situated along Rizal Avenue, Batangas City, the 5.96 hectares Pablo Borbon Campus is surrounded by various commercial, residential and institutional buildings. It lies in the western part of the city which is considered a relatively flat land; thus increasing its susceptibility to flooding once heavy rain or strong typhoons occur. Elevation of the front gate was increased as a preventive measure.

With a 5.62 hectares land area, the BatStateU Alangilan Campus is located inside the Golden Country Homes in Barangay Alangilan, Batangas City. The campus is capable of meeting future expansion needs. A five-story STEER (Science, Technology, Engineering, and Environment) Research Hub is now completed and fully operational. Recently, the university has acquired additional 1-hectare land in the Alangilan Campus. This opens up further future expansion. A planned Technology Hub will be in construction in the next year or two.

In terms of geographic location, Batangas City which hosts two of BatStateU Campuses (Pablo Borbon and Alangilan) is largely flat to gently slope, with more than 73% of the City's land area having a slope below 15%. The City's northern area is predominantly flat with slopes ranging from 0 to 8%. The westernmost boundary of the City including some portions of barangays Sorosoro Ibaba and Tingga Itaas have slopes of over 50%. Unlike the northern area, the southern area's terrain can be characterized as "very steep" terrain. Relatively flat areas comprise 23.69% of the total land area, while steep areas account for 34.2%.

With this topography, Batangas City is susceptible to landslides. Since Pablo Borbon and Alangilan Campuses are not located near any form of the mountain range, the susceptibility of landslides possibly occurring is low or close to none. However, landslides, rockfalls, and other types of mass movements may still occur in mountainous or hilly areas. When it comes to earthquakes, with an approximate Magnitude of 8.5, the most affected barangays were the areas at the mouth of Calumpang River, Barangays Wawa, and Malitam, wherein Pablo Borbon is near and the coastal barangays of Cuta and Sta. Clara. In case of the occurrence of land movement, strong ground shaking may cause extensive damage to or even the collapse of buildings and other infrastructures. The location of the two campuses is highly susceptible to flooding. Heavy rains, poor drainage, and even nearby construction projects can put you at risk for flood damage. Flood occurrence within the campus is mainly located near Gate 1 and the area within that zone. The flooding can reach up to



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1.5 meters if the rain is severe according to the Flood Hazard Map released by the local government of the city. Pablo Borbon is near the Taal Volcano at a distance of 29.71 km.

BatStateU– JPLPC Malvar Campus, on the other hand, is located approximately 32,964 square meters. The area is bounded by G. Leviste St. and is located within Brgy. Poblacion, Malvar, Batangas. The Municipality of Malvar is just 68 km south of Manila and is conveniently accessible by the Southern Tagalog Access Road (STAR) Tollway. It is part of the Manila conurbation, making it prime for urbanization and shared industrial growth. The LIMA Technology Center is also located in Malvar; it is an industrial park and a potential world-class business hub and commercial destination owned by the real estate arm of the Aboitiz Group, one of the country's biggest business conglomerates.

In terms of disaster risk, Malvar is relatively near a faultline located approximately 10 kilometers east of the municipality. Two volcanoes are near the town of Malvar: Taal Volcano, an active volcano, and Mt. Makiling, a dormant volcano. The most common hazards posing disaster to the municipality of Malvar are flood, landslide/soil erosion, dengue, scale insects (which cause yellowing of coconut leaves), pest infestation, base surge, residential fire, gas leakage, vehicular incidents, ash fall from a volcanic eruption, and earthquake. During the assessment reports about flooding, dengue, scale insects are high in occurrence. The residential fire was another potential hazard that happened in the past two years resulting in the loss of lives and properties of three families.

BatStateU Lipa is located in the City of Lipa. The said city is the first city charter in the province and one of four cities in Batangas alongside Batangas City, Santo Tomas, and Tanauan. It is located 78 kilometers (48 mi) south of Manila and is the most populous city of Batangas. Lipa covers an area of 20,940 hectares (209.4 km²) at an elevation of 1,025 feet (312 m) above sea level. Visually dominated by Mt Malarayat, Lipa is situated at an elevation of 1,025 feet above sea level with a predominantly agricultural economy based upon coffee, hog, and poultry farming.

Lipa City is considered under Seismic Zone 4 with Seismic Source Type A as influenced by Central Mindoro Fault and Lubang Fault on the southern area (Mindoro) and tail-ends of Valley Fault and Infanta Fault System on the northwest and northeast proximity.

BatStateU - ARASOF Nasugbu is located at Nasugbu, Batangas which is a coastal municipality in the province of Batangas. The municipality has a land area of 278.51 square kilometers or 107.53 square miles which constitutes 8.93 percent of Batangas's total area. The said municipality is bounded on the north by the municipalities of Maragondon, Magallanes, and Alfonso in the province of Cavite; on the east by the Batangas municipalities of Laurel, Calaca, and Balayan; on the south by the Batangas municipalities of Lian and Tuy; and on the west by the South China Sea.

The municipality of Nasugbu is exposed to seven natural hazards: typhoon, tsunami, storm surge, landslide, flooding, earthquake, and volcanic eruption. Being a typhoon-prone area with coastal, forest, and agricultural ecosystems, Nasugbu is most



susceptible to typhoons, flooding, and landslides due to typhoons and windstorms, and potentially, tsunamis. Of these, the most frequent hazard encountered is typhoons.

BatStateU - Rosario, one of the extension campuses of Pablo Borbon is located in the municipality of Rosario, Batangas. The municipality has a land area of 226.88 square kilometers or 87.60 square miles which constitutes 7.27% of Batangas's total area. The municipal center of Rosario is situated at approximately 13° 51' North, 121° 12' East, on the island of Luzon. Elevation at these coordinates is estimated at 143.6 meters or 471.0 feet above mean sea level. Rosario Campus is susceptible to flooding, landslides and volcanic eruptions.

BatStateU- Lemery, also an extension campus of Pablo Borbon, is located in the municipality of Lemery, a first-class municipality in the Province of Batangas. It has a total land area of 10,155 hectares which is equivalent to 3.21% of the total land area of the Province. It is located in the northwestern part of the province and is bounded on the north by the Municipality of Calaca; on the east by the Municipality of Agoncillo; on the south by the Municipality of Taal and on the west by Balayan Bay.

Lemery is identified as a catch basin such as that flooding during heavy rains and storms poses danger to lives and properties. Its proximity to the Pansipit River makes it prone to flooding and the relatively flat and low location of the town proper cause it to be the catch basin of water coming from the upland areas as well as the nearby municipalities. Its proximity to Taal Volcano makes it susceptible to eruption, earthquakes, and seismic activities. Storm surges and sea-level rise have been observed to affect certain areas of the coastal barangays. The denudation of upland areas also makes them susceptible to landslides during heavy downpours especially during the months of August, September, October and the earlier part of November.

BatStateU- San Juan belongs also to Pablo Borbon. It is located in the municipality of San Juan, is a 1st class municipality in the province of Batangas. San Juan is located in the easternmost part of Batangas province. On its north is the neighboring town of Candelaria, with Malaking Ilog River defining its geographical boundary. Tayabas Bay lies east and the hills on the eastern portion separate it from the towns of Lobo and Rosario.

The municipality of San Juan is susceptible to landslides from low to high. Eleven barangays are identified as susceptible to flooding. Fourteen barangays are vulnerable to storm surge.

BatStateU - Lobo, an extension campus of Alangilan, is located in the municipality of Lobo, Batangas. The town is located near the southern tip of Batangas province, about 145 kilometers (90 mi) from Manila. The actual-campus land area at 0.12 ha is located in Brgy. Masaguitsit. It is the location of the only College of Agriculture and Forestry in the province of Batangas and is one of the very few in CALABARZON. Lobo has white sand beaches and protected mangrove forests, fish sanctuaries, and marine protected areas, while agriculture and food production are its main industries. Its seas are also part of the Verde Island Passage.



BatStateU Lobo properties located in Brgy. Masaguitsit and Brgy. Lagadlarin are susceptible to flooding. Based on the result of the Hazard Landslide Susceptibility, Barangay Masaguitsit and Lagadlarin where the BatStateU Lobo is located are highly prone to flooding, landslides, and storm surge. Other barangays in Lobo are prone to landslides, storm surge, flooding and rock fall.

BatStateU - Balayan, also an extension campus of Alangilan, is located in the municipality of Balayan, Batangas. The campus occupies a parcel of land with an area of five thousand square meters (5000 sq m) situated at Brgy. Caloocan, Balayan, Batangas. This lot is a low-lying area with an average elevation of approximate thirty-three (33) meters above sea level. It is originally an agricultural land located in the northwestern part of the Poblacion Proper and is approximately 3.1 kilometers away from the Poblacion area via Paz St and Balibago-Balayan Highway.

Balayan is vulnerable to different hydro-meteorological and geologic hazards because of its geographical location and characteristics. Typhoons and flooding are the most common risks in the town. The location of BatStateU Balayan is susceptible to six natural hazards such as typhoon, flood, rain-induced landslide, storm surge, tsunami and liquefaction. The campus is most susceptible to floods due to its proximity to the Binangbang river which is more or less 500 meters away from the institution and earthquakes due to the municipality's proximity to the Lubang Fault, an offshore fault line that crosses between Mindoro and Batangas.

BatStateU- Mabini, on the other hand, is also an extension campus of Alangilan, is a new campus of the University established in 2016, is located in the municipality of Mabini, Batangas. The municipality has a land area of 44.47 square kilometers (17.17 sq mi) constituting 1.43% of the 3,119.75-square-kilometer (1,204.54 sq mi) total area of Batangas. It has irregular coastlines with rugged surfaces and harborial beaches.

The Campus where BatStateU Mabini is within moderate susceptibility to rain-induced landslides. The place formerly had a quarrying area, which operation had ceased for several years now. Having been subjected to this environmental hazard due to continuous excavation, the land area near the Campus resulted in uneven land contours and steep slopes.

Throughout many years of its existence as an academic institution, BatStateU has been able to own properties through different modes of acquiring ownership. These properties are either bought, partly owned, donated, or under contract agreement.

BatStateU Pablo Borbon campus, which is situated along Rizal Avenue Batangas City, is partly owned by the Republic of the Philippines and partly owned by the Provincial Government of Batangas. BatStateU Alangilan campus, which is situated in Brgy. Alangilan Batangas City, sits on 36,907 sq.m was acquired through four separate Transfer Certificate Titles.

BatStateU ARASOF-Nasugbu campus located in Nasugbu, Batangas, has six compounds. These include the Main Ground, PESS Ground, Dormitories, and ARASOF



Fishponds where one is located in Brgy. Bucana and two in Brgy Pantalan. These landholdings are acquired separately through donation, and deed of sale, and are all under the ownership of the Republic of the Philippines.

BatStateU Balayan is situated on a 5,000 sq.m of land owned by Batangas State University, located in Brgy Caloocan, Balayan, Batangas. This property was acquired through a Deed of Donation.

The campus of BatStateU JLPC Malvar is located on a 32,624.00 sq.m parcel of land in Brgy. Poblacion, Malvar, Batangas, acquired through donations from the Municipality of Malvar.

BatStateU Lemery campus sits on 2,000 sq.m of land at Rajah Matanda St., Bagong Sikat Lemery Batangas. The property was owned by the Municipality of Lemery, acquired by the University through a Deed of Donation to be used exclusively for educational and administrative purposes.

The campus of BatStateU Lobo has two separate landholdings. One area located at Brgy. Masaguitsit, Lobo, Batangas, which covers 1,222 sq.m was acquired through a Deed of Donation from the Municipality of Lobo. The other property located at Brgy Lagadlarin, Lobo, Batangas covers 44,011 sq.m was acquired through five separate Transfer Certificate Titles.

BatStateU Mabini sits on a four-hectare land that was acquired by the Municipality of Mabini. The University has yet to acquire full ownership of the land.

The one-hectare land where BatStateU Rosario is located was acquired through a Deed of Donation from private individuals.

BatStateU San Juan campus sits on a 4,933 sq.m parcel of land owned by the Municipality of San Juan in Brgy. Taliban 2. This property can be used for 50 years and renewable for another 50 years.

In terms of land use of Batangas State University campuses, there are allocations for a variety of land uses. About 0.87% or 3,637.2 sq.m is being utilized for allied services, while 15.2% or 63,790 sq.m is being used for academic purposes. With regards to general services, an area of about 0.39% or 1,646 sq.m is being utilized for general services while 3.86% or 16, 112.19 sq.m is currently used for research purposes. As to the administrative core, about 1.78% or 7, 438.55 sq.m is being used, while 38.32% or 160, 156.38 sq.m is allocated for open space/ green spaces. About 11.02% or 46, 044.74 sq.m is for mixed-use, while 10.78% 45, 071.37sq.m is being allocated for future and proposed buildings. About 7.74% or 32, 346.74 sq.m is used for the existing buildings in BatStateU Campuses while about 9.98% or 41, 703.8 sq.m is utilized for driveways.

With regards to accessibility of campuses, land transportation services in all the BatStateU campuses are readily available through public transports like buses, jeepneys, privately owned cars, vans, jeeps, and tricycles. The opening of the Southern



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Tagalog Access Road (STAR) in April 2008 shortened the travel time from various cities and municipalities of Batangas to Metro Manila. In terms of water transportation, the Batangas City International Port is considered as one of the busiest ports in the country. It is the main gateway to and from the islands of Mindoro, Marinduque, Romblon and Palawan (MIMAROPA), the Visayas, and Mindanao.

Management of wastes is also a priority concern of campuses. The waste management program is implemented through the Environment Management Unit. By virtue of the Memorandum Order No. 005 series of 2011, the Environmental Management Unit (EMU) was created in compliance with the condition indicated in the Environmental Compliance Certificate (ECC) issued at Batangas State University Pablo Borbon Campus by the Department of Environment and Natural Resources - Environment Management Bureau (DENR-EMB) Region IV-A office on January 20, 2010. The unit ensures the waste management policies and guidelines are strictly followed on all campuses. The EMU is under the Office of the Vice-President for Administration and External Affairs, headed by the Director and/or Pollution Control Officer with competent administrative staff. The EMU collaborates with concerned offices for the implementation of mitigation action and application of stringent control measures relative to protection and conservation of the environment and promotion of health and safety in the workplace. Among the environmental-programs that are being implemented are the following: solid waste management, waste management, air exhaust management, hazardous waste management, electricity conservation programs such as solar panel technology, installation of LED lights, and regular maintenance of equipment. Greening programs and other pollution prevention programs are also implemented in campuses.

Batangas State University strongly supports Ambisyon 2040 in its long term vision and aspirations for the Filipino people. It also responds to the 17 Sustainable Development Goals of the United Nations.

The University is aware of the potential impacts of proposed national, regional, provincial plans and targets. Potential land use conflicts such as Certificate of Ancestral Domain Title, military reservations, squatters, and competing land uses are not present in Pablo Borbon, Alangilan, ARASOF Nasugbu, Balayan, Lemery, Rosario and San Juan. There is a compromise agreement between BatStateU Malvar and Malvar National High School (MNHS). Currently, MNHS is occupying a portion of BatStateU property with a total area of 8, 606.76 sq.m. The implementation of DENR Administrative Order No. 2004 on Revised Rules and Regulations Governing the Administration and Management of Foreshore Lands or the Implementation of Salvage Zone (No build area) is a foreseen constraint in BatStateU Lobo since the campus is along the shore of the municipality of Lobo.

The development plans of BatStateU campuses are in consultation with various stakeholders and contemplate on their contexts. For example, in preparation of the land use plan of BatStateU Pablo Borbon, the best applicable strategies were applied in designing the institutional infrastructure. Some of the best strategies used in designing the institution includes 1) aligning structures, resource allocation with the university strategic plan, 2) analysis of existing situation and identification of development needs,



3) study the full development potential of the site given the constraints/potentials of the access roads and surrounding development.

In the coming years, three major development infrastructure projects will be established in the campus. These are the proposed Ten-storey Dormitory for employees and students, proposed Five-storey Medical and Health Science Building for the newly offered program in the University: Doctor of Medicine, and the proposed University Museum. The Physical Development Plan of the University is all anchored to the BatStateU Strategic Plan 2019-2029.

In Alangilan Campus, a 2.73 hectare lot was recently acquired by Batangas State University for the Knowledge, Innovation and Science Technology (KIST) Park, the first KIST Park registered under the Philippine Economic Zone Authority in the country. On the KIST Park Site, proposed major buildings will be constructed named as: (1) Six-Storey Technology Hub, (2) Six-Storey Design Innovation Building, (3) Convention Center, (4) Six-Storey Data Center, (5) Six-Storey IT Centrum and (6) KIST Hotel. The university has also acquired an additional 0.70-hectare land adjacent to the old campus site and strategically co-located with the BatStateU KIST Park. On the proposed site development plan, there are three (3) major infrastructure buildings that will be constructed in the area namely: Fifteen-Storey Engineering Development Hub; Ten-Storey Dormitory and Five-Level Parking Building. This engineering complex will have ground facilities such as Entrance Façade, Iconic Landmark, Guard House using Smart ID Entry System, Underground Water Retention Facility equipped with filtration system for water reuse, wide roadways and walkways and underground utilities. There will be vehicular access through the KIST Park entrance and connecting bridges and entry ways will be constructed to directly link the pedestrians from the old campus areas and buildings. The College of Architecture and Fine Arts (CAFA) Building is also for construction inside the Alangilan Campus.

To ensure that all the development, and land use and infrastructure plans of BatStateU campuses will be properly implemented, a committee for institutional coordination and monitoring per campuses will be installed. These committees will be responsible for the monitoring, review, and evaluation of the implementation of programs and projects proposed in the LUDIP. Specifically, they will ensure the implementation of Programs, Activities, and Projects (PAPs) related to the thematic areas; develop an operational plan with the physical and financial resources allotted for the implementation of PAPs; manage records and database per thematic area such as reports and documentation on the status of activities; and perform such other functions as may be necessary for the accomplishment of LUDIP.

BatStateU LUDIP is anchored in the principles of equity, social justice, environmental integrity, and sustainable development. With a lot of considerations and contexts, the BatStateU land use and development infrastructure plan is a strong commitment of the institution to continuously ensure holistic, efficient, and just allocation. BatStateU also firmly commits that utilization of resources will be practiced in all of its campuses.

BatStateU Pablo Borbon LUDIP Summary

Legal Mandates

- **Republic Act No.11396** An Act Requiring State Universities and Colleges (Sucs) to Prepare And Implement a Land Use Development And Infrastructure Plan that Shall Include the Construction of Dormitories for Students And Housing Sites for Employees
- CHED Memorandum Order 11 S. 2020 Implementing Rules and Regulations of RA 11396, "An Act Requiring State Universities and Colleges (Sucs) to Prepare and Implement A Land Use Development and Infrastructure Plan shall include the Construction of Dormitories for Students and Housing Sites for Employees"



BRIEF CAMPUS PROFILE

Pablo Borbon Campus



Geographic Profile

Pablo Borbon Campus





Situated along Rizal Avenue, Batangas City, Batangas State University - Pablo Borbon is covered by different barangays and landmarks. The 5.95 hectare campus is bounded by the aforementioned avenue at the north, A. Delas Alas Drive and Buenafe St. at the south, Don Julian Pastor Access Road at the west and ALN.02 and A. Delas Alas Drive at the east. More so. the said campus is near Barangay Sta. Clara, Cuta, Barangay 21 and Poblacion, Given that it is located at the heart of Batangas City, the university is surrounded by various commercial, residential and institutional buildings. Indeed, Batangas City Sports Centre, Batangas City Convention Centre, Colegio ng Lungsod ng Batangas and Batangas National High School are some of the landmarks covering the university.

Map showing the location of BatStateU Pablo **Borbon from** Batangas International Port, **Batangas City Grand Terminal** and STAR Tollway





Demographic Profile

Pablo Borbon Campus

Presented in the following slides are the demographic profile of BatStateU – Pablo Borbon as shown in the submitted LUDIP



BatStateU - PB Tertiary Level Population for AY 2021-2022







Teaching Personnel Population

COLLEGE / OFFICE	PERMANENT	TEMPORARY	GUEST LECTURER/ CONTRACTUAL
CABEIHM	45	1	143
CTE	32	1	89
CAS	27	4	59
CONAHS	8	-	33
CoM	-	-	19
CoL	1	-	12
IS	-	-	73
NSTP	-	-	18
TOTAL	113	6	446





Inventory of Land Holdings

Pablo Borbon Campus

Property Location/ Campus	Document Available	Manner of Acquisition	Status of Ownership	Land Area	Remarks
BatStateU Pablo Borbon, Rizal Avenue Extension, BatangasCity	Transfer Certificate of Title (TCT No. 052- 2016002127)	Transferred from TCT No. T-54370 (TOTALLY CANCELLED)	The owner is the Republic of the Philippines The beneficial user is Batangas State University, a corporation duly organized and existing under and by virtue of the laws	27,254 sqm	For the half part of the campus only.
	Tax Declaration of Real Property (Tax Dec. No.: 0020- 00001)	-	The owner is the Republic of the Philippines. The beneficial user is Pablo Borbon Memorial Institute of Technology	25,885 sqm	These Tax Declarations of Real Property cover theentire campus of BatStateU Pablo Borbon.
	Tax Declaration of Real Property (Tax Dec. No.: 0020- 00135)	-	The owner is the Provincial Government of Batangas. No beneficial useris stated in theTax Dec.	33,676 sqm	



Existing Land Use Plan

Pablo Borbon Campus



Ten-Storey Dormitory





Softscapes and Landscapes





Existing Buildings

- 3-STOREY GENERAL ENGINEERING BUILDING
- 3-STOREY ISE BUILDING
- J.A. PALACIOS (SCIENCE) BUILDING (COLLEGE OF NURSING)
- 3-STOREY GRADUATE SCHOOL & TEACHER EDUCATION BUILDING
- MEDIA STUDIES & PUBLICATIONS
 BUILDING
- 5-STOREY HIGHER EDUCATION BUILDING
- 5-STOREY CITE BUILDING

- 7-STOREY CIRTC BUILDING
- GSO BUILDING
- 5-STOREY STEAM LIBRARY
- 5-STOREY UNIVERSITY WELLNESS CENTER BUILDING
- GYMNASIUM
- STUDENT SERVICES BUILDING II

On-going Constructions

- PROPOSED 10-STOREY HIGHER EDUCATION BUILDING
- PROPOSED 3-STOREY LEARNING AND DEVELOPMENT CENTER
- COMMAND CENTER
- PROPOSED 4-LEVEL PARKING



Proposed Buildings

- PROPOSED 10-STOREY DORMITORY
- PROPOSED 5-STOREY MEDICAL AND HEALTH SCIENCE BUILDING
- PROPOSED UNIVERSITY MUSEUM




Existing Site Development Plan

Pablo Borbon Campus

STEAM LIBRARY AND GATE 4 FAÇADE



UNIVERSITY MUSEUM



TEN-STOREY HIGHER EDUCATION BUILDING



TEN-STOREY DORMITORY



FIVE-STOREY MEDICAL AND HEALTH SCIENCE BUILDING



FOUR-LEVEL PARKING



THREE-STOREY LEARNING DEVELOPMENT CENTER



COMMAND CENTER





Institutional Coordination and Monitoring Committee

Pablo Borbon Campus

Thematic Area	Committee Members	
Physical and Land Use Planning	 Chancellor Vice Chancellor for Administration and Finance Head of PFMO 	
	 Head of GSO Chancellor Vice Chancellor for Administration and Finance 	
Infrastructure and Buildings	 Head of PFMO Head of GSO 	
Field Laboratories	 Chancellor Vice Chancellor for Research Development and Extension Services Head of Research 	
Environmental Protection	 Laboratory Supervisors Managing Head of PB Campus Vice Chancellor for Administration and Finance PCO of EMU PB Head of Health Services PB 	
Tourism and Heritage	 Chancellor Vice Chancellor for Academic Affairs Head of Culture and Arts Head of RGO PB 	

Thematic Area	Committee Members
	 Managing Head of PB Campus
Solid Waste and Pollution	 Vice Chancellor for Administration and Finance
Prevention	PCO of EMU PB
Trevention	 Head of GSO PB
	 Head of Health Services PB
	Chancellor
	 Vice Chancellor for Administration and Finance
Traffic Routes	 Head of GSO PB
	 Head of Security Services
	 Head of PFMO PB
	Chancellor
Sports Facilities	 Vice Chancellor for Academic Affairs
	 Head of Sports Division
	Chancellor
Housing	 Vice Chancellor for Development and External Affairs Vice Chancellor for Academic Affairs

BatStateU Alangilan LUDIP Summary

Brief Campus Profile

 Acquired by the university in 1984, Alangilan is the second oldest campus in the university. Located in Brgy. Alangilan, Batangas City, it has total land area of 5.62 hectares; the three colleges and research hubs in the campus occupy 2.89 hectares, while 2.73 hectares were recently acquired for the Knowledge, Innovation, and Science Technology (KIST) Park, the first KIST Park registered under the Philippine Economic Zone Authority in the country.





Profile of Enrollees at Alangilan Campus

YEAR	PERMANENT	TEMPORARY	CONTRACTUAL	PART-TIME	TOTAL
2017	117	77	80	52	326
2018	119	72	0	156	347
2019	126	53	0	189	368
2020	130	48	0	241	419
2021	148	30	0	419	597
2022	149	19	0	446	614

Teaching Personnel of Batangas State University- Alangilan



YEAR	REGULAR	CASUAL	JOB ORDER	TOTAL
2017	9	0	118	127
2018	8	2	126	136
2019	6	2	100	108
2020	6	2	49	57
2021	8	2	110	120
2022	10	2	153	165

Non-teaching Personnel of Batangas State University- Alangilan



LAND USE DEVELOPMENT AND INFRASTRUCTURE PLAN



LEGEND 1. PARKING AREA 2. GUARD HOUSE 3. ENTRANCE 4. FIVE STOREY CIT BUILDING 5. AUTOMOTIVE SHOP 6. THREE STOREY STUDENT SERVICE CENTER 7. FIVE STOREY STEER HUB BUILDING 8. ROTC BUILDING 9. FITNESS DEVELOPMENT CENTER 10. FIVE STOREY COLLEGE OF ENGINEERING, ARCHITECTURE AND FINE ARTS 11. CICS STUDENT CENTER 12. FIVE STOREY BUILDING COLLEGE OF INFORMATION IN COMPUTING SCIENCES 13. STUDENT CENTER 14. THREE STOREY SEN. RALPH RECTO BUILDING 15. UHT / HTST 16. FOOD INNOVATION CENTER 17. POWER HOUSE 18. FIVE STOREY COLLEGE OF ARCHITECTURE FINE ARTS, AND INTERIOR DESIGN BUILDING 19. KIST ENTRANCE 20. STP 21. FIVE SOTREY CAR PARKING 22. FIFTEEN STOREY ENGINEERING HUB 23. TEN STOREY DORMITORY BUILDING 24. DESIGN INNOVATION 25. SERVICE & UTILITIES 26. TECHNOLOGY HUB 27. CONVENTION CENTER 28. BASEMENT ENTRY 29. DATA CENTER 30. INFORMATION TECHNOLOGY CENTRUM 31. KIST HOTEL 32. PUMP ROOM AND FILTRATION 33. CISTERN TANK 34. STP 35. WATER FEATURE LEGEND EXISTING BUILDINGS **ON-GOING PROJECTS** PROPOSED BUILDINGS ROAD WAY WALK WAY WATER FEATURE NATURAL AREA

Consolidated Site Development Plan of BatStateU Alangilan Campus and KIST Park

Total Land Area	64,161.00
Total Building Area	27696.99
Parking Area	4608.6
Road	13,418.77
Open Area	18,436.64 - 28.73% of Total Lot Area

Existing Land Use and Future Expansion Plan

BUILDING	STRUCTURE AREA in square meter	
Alangilan Campus		
CEAFA	2648.57	
CICS	821.63	
CIT	535.58	
RGR	395	
STEER Hub	963.66	
Mech & automotive shop	117.30	
UHT	275.30	
Fitness Dev Center	2018	
Student covered study area	115.53	
Student Service center	242.55	

ROTC	248.30	
Maintenance	70.82	
Power house	70.82	
Five Storey College of Architecture	535.58	
STP Solid waste mgt facility / MRF	107.80	
Alangilan Extension		
5 Storey Parking Area	1167.45	
15 Storey Engineering hub	1352.56	
10 Storey Dormitory building	720.11	
CAFA Building		



Site Development Plan of BatStateU Alangilan Campus Extension



Perspective of the Proposed Ten-Storey Dormitory

The Proposed Ten (10) Storey Dormitory building will have an estimated total floor area of 10, 315m². The building will also have a basement for utilities and also can provide 18 underground parking slots. The proposed dormitory space will consist basically of rooms (Regular Dorm Unit, Deluxe Room Unit, Single Deluxe, Double Deluxe and Suite Room) and other support facilities. The dormitory will have a building capacity of 196 pax.



Proposed Fifteen (15) Storey Engineering Hub

The engineering hub comprises both the physical space and a network of facilities to support the collaboration between and among students, faculty, industry partners, and other interested parties in the research and development of innovative products and services, particularly those that directly address the Sustainable Development Goals (SGDs). The proposed building will have an estimated total floor area of 24,608m². The building will have a basement for utilities and also can provide 43 underground parking slots. This development hub will be a multi-functional building as it also houses the state-of-the-art Engineering and Technology Library, Students Centers and Recreational Facilities, Cafeterias and other support facilities.



Proposed Five (5) Storey CAFA Building

This five-storey building is being proposed to be utilized by more than one thousand Architecture, Interior Design and Fine Arts students. The building spaces are allotted only for classrooms, lab rooms and comfort rooms due to unavailability of space. Facilities such as canteen. audio-visual/multimedia rooms and other related facilities are not included in the proposed spaces since those structures are present in other BatStateU Alangilan buildings.



Proposed Five (5) Level Parking Building

The proposed construction of major buildings basically requires support facilities, especially parking space. Car Parking requirement as per code based on the total building areas of the proposed dormitory and engineering hub total to 177 parking spaces. Due to the limitation of the available lot to provide the mentioned requirement a Five (5) Level Parking Building is proposed.



Proposed KIST Park Site Development Plan



BatStateU KIST Park

One of the recent developments in the University's research direction is the establishment of the Knowledge, Innovation, Science and Technology (KIST) Park. The BatStateU KIST Part is envisioned as the country's primary seedbed for technology. It creates a unified network of large firms, medium enterprises, tech start-ups, research institutes and other knowledge producing agents from the field of science, information technology, engineering, manufacturing and creative design

KIST Park		
Design Innovation	1998.87	
Service & Utilities	404.18	
Convention center	3443.62	
Technology Hub	3199.76	
Data Center	708.32	
Information Technology Centrum	1341.59	
KIST Hotel	4194.09	
Total Lot Area	6.41 hectares	



Gymnasium

BatStateU ARASOF Nasugbu LUDIP Summary



BATANGAS STATE UNIVERSITY

- Batangas State University (BatStateU) ARASOF- Nasugbu Campus started as a branch of the Philippine Institute of Fisheries Technology in Nasugbu, Batangas
- On May 1952 by virtue of Republic Act No. 685 passed by Congress through the efforts of the late Congressman Apolinario R. Apacible and former Director of Fisheries, Dr. Deogracias Villadolid. A 4.3-hectare tract of land was donated by Don Antonio Roxas y Cia as its site.
- 1957, the institution was transferred to the Department of Education Offering Secondary Fishery Curriculum and its name was changed to Batangas School of Fisheries.



ARASOF-Nasugbu

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BATANGAS STATE UNIVERSITY

- 1975- The institution was transferred to the Ministry of Education. Cultureand Sports (MECS) in Region IV
- Presidential Decree 787 issued on August 20, 1975, the name was changed to Apolinario R. Apacible School of Fisheries (ARASOF) in recognition of the Congressman who sponsored the bill in Congress
- Higher Modernizaton Act of 1994. Apolinario R. Apacible School of Fisheries was placed under the Commission on Higher Education (CHED) as a supervised institution



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BATANGAS STATE UNIVERSITY

February 25, 2000 – The Board of Trustees of PBMIT approved the official Integration of ARASOF

By virtue of RA 9045 on March 22, 2001, The Batangas State University was created by integrating the Pablo Borbon Memorial Institute of Technology with its branches, Jose P. Laurel Polytechnique College in Malvar and Apolinario R. Apacible School of Fisheries



ARASOF-Nasugbu

Leading Innovations, Transforming Lives, Building the Nation
Brief Campus Profile

BatStateU ARASOF-NASUGBU COLLEGE ENROLLMENT, 2010 - 2020



Summary of Enrollment	
College	No. of Enrollees
College of Accountancy, Business, Economics, and International Hospitality Management (CABEIHM)	2,719
College of Arts and Sciences (CAS)	1,967
College of Engineering and Technology (CET)	110
College of Informatics and Computing Sciences (CICS)	551
College of Teacher Education (CTE)	1,075
College of Nursing and Allied Health Sciences (CONAHS)	238
SUB-TOTAL	6660
CTE-Professional Education	25
Laboratory School	625
Total Enrollees	7,310

Ten-Year Enrollment Projection							
Academic Year	1st Year	2nd Year	3rd Year	4th year	Total	Increase in Enrollment	% Increase
2021-2022	2,235	1,469	1,223	811	5,738		
2022-2023	2,070	2,122	1,395	1,162	6,749	1,011	18%
2023-2024	2,265	1,969	2,015	1,325	7,574	825	12%
2024-2025	2,300	2,156	1,873	1,915	8,244	670	9%
2025-2026	2,300	2,190	2,053	1,780	8,323	79	1%
2026-2027	2,455	2,190	2,086	1,951	8,682	359	4%
2027-2028	2,475	2,334	2,086	1,983	8,682	196	2%
2028-2029	2,540	2,353	2,222	1,983	9,098	220	2%
2029-2030	2,570	2,415	2,241	2,112	9,338	240	3%
2030-2031	2,545	2,443	2,300	2,130	9,418	80	1%



Teaching and Non- Teaching Personnel Academic Year 2022 – 2023

	Male	Female	Total
A. Teaching Personnel			
Permanent	24	46	70
Temporary	13	11	24
 Contract of Service -Part Time 	43	60	103
B. Non-Teaching Personnel	64	54	118
TOTAL	144	170	315





Inventory of LandHoldings Existing Land Use Plan Existing Site Development Plan



BATANGAS STATE UNIVERSITY

SUMMARY OF INVENTORY OF LANDHOLDINGS

No.	Descriptive Name	Name TCT Date Lot Area		Mode of Acquisition		
1	Main Ground	TCT No. T-9840	November 20, 1962	25,111 sq. m.	Donation from Mr. Eduardo Roxas	
2	PESS Ground	TCT No. T-66819	February 11, 1994	10,640 sq.m.	Purchased from B.H. Berkenkotter & Co.	
3	Dormitory/Cour t Bucana,	TCT No. T - 31825	August 8, 1975	6,209 sq.m.	Donation from Remedios Cadeleña	
4	ARASOF FISHPOND (Bucana)	TCT No. T-58597	December 27, 1990	10,121 sq.m.	Purchased from Mrs. Marcelena Abeleda	
5	ARASOF Fishpond (Pantalan, Old)	TCT No. T-6112	December 20, 1962	30,248 sq.m	Purchased from Mrs. Susana Jaype and her children	
6	ARASOF Fishpond (Pantalan, New)	TCT No. T-59324	April 4, 1991	10,000 sq.m.	Purchased from Spouses Mr. Felipe B. Echaluce and Mrs. Marilou C. Echaluce	



al Engineerin

EXISTING LAND USE



OLD GROUND / GROUND 1





PESS GROUND / GROUND 2







BUILDINGS: ① OLD COLLEGE OF TEACHER'S EDUCATION BUILDING 2 JOSON GYMNASIUM 3 APACIBLE MUSEUM/ADMINISTRATION BUILDING (4) INFIRMARY **(5) UNIVERSITY CANTEEN** 6 GATE 2 GUARD HOUSE (7) CICS BUILDING ③ CONSTRUCTION SITE (LIVELIHOOD TRAINING CENTER BUILDING) (9) EXTENSION OFFICE (1) HATCHERY CIT BUILDING (12) COMPUTER LABORATORY 13 INSTITUTE OF MARINE TECHNOLOGY BUILDING MINI FOREST (S) NEW COLLEGE OF TEACHER'S EDUCATION BUILDING G CAS LABORATORY BUILDING () SKILLS LABORATORY BUILDING **18** CONAHS BUILDING 1 MAINTENANCE BUILDING 20 GATE 1: FACADE AND FENCE 2 IGP BUILDING 2 GUARD HOUSE AND DRIVEWAY (ENTRANCE AND EXIT) CONSTRUCTION SITE (STUDENT SERVICES CENTER BUILDING) A HIGHER EDUCATION BUILDING B HOSTEL BUILDING 20 UNIVERSITY CAFETERIA DPUMP ROOM AND CISTERN TANK (HOSTEL) **MOTORPOOL/UNIVERSITY GARAGE** 29 DORMITORY GO OPEN COURT 3 BUCANA ELEMENTARY SCHOOL

EXISTING CAMPUS MAP

BatStateU ARASOF-Nasugbu



Demolition Plan

EXISTING BUILDINGS

EXISTING BUILDINGS SUBJECT FOR DEMOLITION IN 10 YEARS ON-GOING CONSTRUCTION OF NEW BUILDING

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Existing BatStateU Fishery (Ground 3)





STATE CONTROL OF

Proposed Land-Use Plan (Ground 1 and 2)





Proposed Land-Use Plan (Ground 3)





Academic Zone	Administra tion and General Services	Mixed-Use: Academic and Administra tion	Research and Extension	Allied Services	DRIVEWA Y	PARKING, OPEN SPACE, RECREATI ON AREA	TOTAL AREA (<u>sq.m</u> .)
22.37%	2.33%	3.33%	4.67%	1.38%	12.73%	53.19%	100.00%
9,386.45	977.67	1,397.27	1,959.53	579.05	5,341.51	22,318.52	41,960.00



(Ground 1 and 2)





Administration and General Services	Mixed-Use: Administration and Academic	Mixed-Use: Research and Extension	Research	Extension	Academic Zone	Driveway	Allied Services	Parking, Open Space, Recreational Area	AREA (sq.m.)
1.62%	10.42%	37.90%	5.39%	2.06%	0.00%	3.97%	0.00%	38.64%	100.00%
164.91	1,058.94	3,852.89	548.4	209.89	0	403.084	0	3,927.67	10,165.78

CARRYING CARACITY

Building Name	Area (sq.m)	Capacity	Floors
Administration and Laboratory Building	1058.94	1177	2
Ornamental Fishes Breeding Facility and Display Area	173.25	44	1
Open Dampa Restaurant	209.89	117	1
Aquaponics, Aeroponics, and Hydroponics System	273.4	109	1
Guard House	22	8	1
Staff Quarters	60	18	1
Stock Room	40	22	1
Live-Bearer Tanks	75	22	1
Spawning Tanks	50	16	1
Indoor Hatchery	75	22	1
Outdoor Hatchery	75	22	1
Covered Outdoor Area for Fish Segregation and Harvesting	156	45	1
Fishyalan (Bridge)	72.55	40	1





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ACADENIC ESEARCH EXTENSION

RIVEWAY

BATANGAS STATE UNIVERSITY ARASOF-NASUGBU

CAMPUS DEVELOPMENT AND INFRASTRUCTURE PLAN





Major Development Programs

- PROPOSED BUILDINGS
- PROPOSED DRAINAGE SYSTEM
- PROPOSED PATHWALK AND DRIVEWAY
- PROPOSED PARKING SPACES



On-Going Construction Projects

4-Storey Student Services Center





Floor Area = 5,091 sq.m. Target Completion: September 2022 Highlights:

- "One-Stop" Student Services
- Admin Offices
- University Library



On-Going Construction Projects

4-Storey Livelihood Training Center





addresses the zero poverty and decent work economic growth as reflected in the Sustainable Development Goals of 2030.

to secure the poor and the vulnerable, have equal rights to economic resources and access to basic services and/or to achieve full and productive employment and decent work for them.

- Floor Area = 2,225 sq.m.
- Target Completion: May 2022
- Highlights:
 - Classrooms and laboratories
 - Accommodations
 - Training rooms



5-Storey Dormitory Building

Existing



Proposed





5-Storey Dormitory Building



- Floor Area = 2,640 sq.m
- Capacity: 90-110 occupants
 - semi-isolated location
 - with a separate gate to provide a different entry and exit points from the university gates
 - designated parking space

Proposed



ARASOF-Nasugbu 4-Storey Technology, Engineering and Computing Sciences a Engineering Unit (TECS) Building



- - Faculty rooms, classrooms, laboratories

4-Storey Technology, Engineering and Computing Sciences (TECS) Building Existing Proposed





- Floor Area = 4,392 sq. m
 - Faculty rooms, classrooms, laboratories



Proposed

4-STOREY Higher Education Building II



- Floor Area 4,604 sq.m.
 - Classrooms and laboratories
 - 32-34 additional rooms



4-STOREY CONAHS Building

Existing





- Floor Area = 2,624 sq.m.
 - Classrooms and laboratories



3-Storey Gymnasium with Olympic Size Swimming Pool

Proposed





Floor Area = 6,958 sq.m. Capacity: 2,000 persons at a single time

Highlights:

- Indoor Olympic size Swimming Pool (25m x 50m)
- 1 Basketball court (28 x15m)
- 2 Volleyball court (18m x 9m)
- 2 Tennis court (23.77 m x 10.97m) for doubles
- 3 Badminton court (13.4m x 6.1m) for doubles



Other Proposed Projects: VIP Corals

al Engineering



Other Proposed Projects: Business Center




Other Proposed Projects:

Material Recovery Facility

Gate 2 and Facade

ARASOF-Nasugbu





Other Proposed Projects for Ground 3: BatStateU Fishery

Open Dampa Restaurant



Ornamental Fishes Display





Other Proposed Projects for Ground 3: BatStateU Fishery

Outdoor Hatchery



Palaisdaan





Other Proposed Projects for Ground 3: BatStateU Fishery

Plant System

Pump Room







Other Proposed Projects for Ground 3: BatStateU Fishery

Powerhouse

Spawning tanks







Other Proposed Projects for Ground 3: BatStateU Fishery

Staff Quarters



Stock Room





Other Proposed Projects for Ground 3: BatStateU Fishery

Administration and Laboratory Covered Area for Harvesting Building





Other Proposed Projects for Ground 3: BatStateU Fishery

Fishyalan



Guard House



Other Proposed Projects for Ground 3: BatStateU Fishery

Indoor Hatchery



Institutional Coordination and Monitoring Set-up

Land Use Development and Infrastructure Plan (LUDIP)

BatStateU JPLPC-Malvar LUDIP SUMMARY

BATSTATEU JPLPC-MALVAR

Brief Campus Profile

BatStateU JPLPC-Malvar is the former

Jose P. Laurel Polytechnic College (JPLPC), a largely vocational school located in a 3.26-hectare property in Poblacion, Malvar, Batangas, was incorporated into Batangas State University by virtue of Republic Act 9045 in 2001. It is the third largest campus in the university. Since Malvar is just 68 km south of Manila and is conveniently accessible by STAR tollway, it is part of the Manila conurbation, making it prime for urbanization and shared industrial growth. The LIMA Technology Center is also located in Malvar; it is an industrial park and a potential world-class business hub and commercial destination owned by the real estate arm of the Aboitiz Group, one of the country's biggest business conglomerates.



BatStateU JPLPC-Malvar



GIS Mapping of BatStateU JPLPC-Malvar

Actual No. of Enrollees A.Y. 2022-2023

SUMMARY							
	No. of Enrollees						
College of Accountancy, Business, Economics, and International Hospitality Management	2,475.00						
College of Industrial Technology	1,004.00						
College of Informatics and Computing Sciences	1,017.00						
College of Engineering	385.00						
College of Arts and Sciences	833.00						
College of Teacher Education	802.00						
TOTAL	6,516.00						

Projected Number of Students for Second Semester from 2011-2031 by Sex

Sex	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	2026-2027	2027-2028	2028-2029	2029-2030	2030-2031	Total
Male	3116	3447	3729	4010	4291	4572	4853	5135	5416	5697	44,266
Female	3,204	3,469	3,734	3,998	4,263	4,528	4,792	5,057	5,322	5,587	43,954
Total	6,320	6,916	7,462	8,008	8,554	9,100	9,646	10,192	10,738	11,284	88,220

Projected Number of Students for Midterm 2021-2031

Academic	2021-2	2022-20	2023-20	2024-20	2025-2	2026-20	2027-20	2028-20	2029-20	2030-20
Year	022	23	24	25	026	27	28	29	30	31
Projected Enrollees	534	561	589	619	650	683	717	753	791	831

Demographic Profile

Batangas State University JPLPC-Malvar has a total of 6,496 students this Academic Year 2022-2023 First Semester of which 2,440 are male and 4,056 are female. On the other hand, the campus has a total of 286 employees of which 202 are from the teaching personnel and 84 from the non-teaching.

STATUS	MALE	FEMALE	TOTAL						
Teaching Personnel									
Permanent	25	22	47						
Temporary	4	0	4						
Guest Lecturers	75	76	151						
Non-Teaching Personne	el								
Permanent	7	7	14						
Casual	0	1	1						
Job Orders	27	40	67						
Part-Time									
*Dentist	0	1	1						
	0	1	1						
TOTAL	138	148	286						

Male and Female Population of Teaching and Non-Teaching Employees

Programs Offered

BatStateU JPLPC-Malvar offers programs which may be reassessed for additional offerings in the future due to changing demographics and growing needs of the students. At present, the campus has six (6) academic departments which offer programs as enumerated below:

College of Accountancy, Business, Economics and International Hospitality Management

- 1. Bachelor of Science in Management Accounting
- 2. Bachelor of Science in Hospitality Management
- 3. Bachelor of Science in Tourism Management
- 4. Bachelor of Science in Business Administration

College of Teacher Education

- 1. Bachelor of Elementary Education
- 2. Bachelor of Physical Education
- 3. Bachelor of Secondary Education

College of Arts and Sciences

- 1. Bachelor of Science in Criminology
- 2. Bachelor of Science in Psychology

College of Engineering

- 1. Bachelor of Science in Industrial Engineering
- 2. Bachelor of Science in Mechatronics Engineering

College of Informatics and Computing Sciences

- 1. Bachelor of Science in Information Technology
- 2. Bachelor of Science in Computer Science

College of Industrial Technology

1. Bachelor of Industrial Technology

Inventory of LandHoldings Existing Land Use Plan Existing Site Development Plan

Inventory of LandHoldings

Property Location/ Campus	Land Use	Status of Ownership
BatStateU JPLPC-Malvar	Educational	The land being occupied by BatStateU JPLPC-Malvar, with Transfer Certificate of Title No. T-11220, was donated by the Municipality of Malvar, represented by Mayor Eustacio T. Endaya for use of the Jose P. Laurel Memorial School of Arts & Trades, Malvar, Batangas, represented by Romulo Y. Mendoza, Director of Vocational Education, Manila.

LAND USE DEVELOPMENT AND INFRASTRUCTURE PLAN

LAND USE MAP OF BATSTATEU

JPLPC-MALVAR



Land Use	Area (sg.m)	%	Legend
Academic	6,809.26	20.87	
Administrative/General Services	1,764.96	5.41	
Allied Services	220.76	0.68	
Extension Services	220.76	0.68	
Roads	3,816.03	11.70	j.
Pavement	749.98	2.30	
Landscape	9,190.43	28.17	
Utilities	151.38	0.46	
Path walk	996.32	3.05	1
Research	97.36	0.30	
MNHS	8,606.76	26.38	
TOTAL	32,624.00	100	

Breakdown of Land Use Allocation

It is reflected on the table that Landscape or unused area covers the largest area of the campus which is 9,190.43 square meters or 28.17% of the total land area. It is followed by MNHS which is 8,606.76 square meters or 26.38% of the total area. On the other hand, the Academic Services with 6,809.26 square meters which is 20.87% ranks 3rd in the Land Use allocation.



Proposed Site Development Plan of BatStateU JPLPC-Malvar

EXISTING FACILITIES



The academic core of BatStateU JPLPC-Malvar consists of various buildings that are strategically designed to meet the needs of the growing population of the Campus. To cater the huge number of students and teaching personnel, the Campus has structured five (5) academic buildings which serve as a hub of learning and development.

Academic Building

Other Buildings/Facilities Under Academic Core

L	
New Administration Building	
Student Center 1	
Student Center 2	
Power House 1	
Power House 2	

Administrative/General Services Buildings

Administrative and General Services consists of units that are responsible for the general cleanliness, and a place for administrative and financial transactions. Different buildings / facilities were designed and constructed in order to provide a proper venue for these units.

MASTER PLAN

It provides a conceptual layout for future expansion and physical development that would support the mission and strategic plan of the campus.



Proposed Infrastructures

Priority Rank	Proposed Building	Area	No. of Floors	Total Area	Estimated Cost	Target Date of Construction	Capacity
1	Library Renovation	390	3	1170	29,250,000.00	2022	<mark>15</mark> 0
2	2 SSC I Renovation 526		2	1052	26,300,000.00	2022	40
4	Hotel/Dormitory	468	10	4,680	270,000,000.00	2023	196
7	Storage Facility	140.03	4	560.12	42,009,000.00	2023	20
9	CAS Building	476.82	10	4,768.20	357,615,000.00	2024	1600
11	CTE Building	304.88	5	1,524.40	114,330,000.00	2025	400
12	Publication House	75.02	2	150.04	11,253,000.00	2026	20
13	Research Hub	270.86	5	1,354.30	101,572,500.00	2027	194
14	MRF	50.67	1	50.67	3,800,250.00	2028	-
15	Bullet Recovery Room	48	1	48	3,600,000.00	2029	20
16	Commercial	219.7	2	439.4	32,955,000.00	2029	20
17	Technology Hub	<mark>410.9</mark> 2	5	2,054.60	154,095,000.00	2030	560
18	DRRMO	75.02	2	150.04	11,253,000.00	2030	20
			1	Sub-Total	1,063,532,750.00		

	Proposed Road	Length	Width	Area	Estimated Cost	Target Date of Construction
	Proposed 6-m wide road	66.00	6.00	396	4,752,000.00	
	Proposed 5-m wide road	104.00	5.00	520	6,240,000.00	
8	Proposed 4-m wide road	131.00	4.00	524	6,288,000.00	2024
	Proposed 3-m wide road	149.00	3.00	447	5,364,000.00	
	Proposed 1.2-m covered sidewalk	401.50	1.20	481.8	5,781,600.00	
	12 			Sub-Total	28,425,600.00	
	Proposed Parking Area	Length	Width	Area		
10	At New Admin Building (including flagpole)	-	-	1,262.10	15,145,200.00	0005
	At Higher Education Building	-	-	70	840,000.00	2025
	At CIT Building -			131	1,572,000.00	
			Sub-Total	17,557,200.00		
	Proposed Drainage System	Length	Width	Area		
5	Water Retention Facility	-		112.5	2,812,500.00	2023
	RCP Drainage Line	497	120	-	4,970,000.00	
				Sub-Total	7,782,500.00	
	Proposed Water Supply System	Length	Width	Area		
	Elevated Water Tank	2	- 23	1923	5,000,000.00	2022
D	Main Water Supply Line	Main Water Supply 389			3,890,000.00	2023
	0			Sub-Total	8,890,000.00	
	Demolition	Length	Width	Area		
3	Demolition Phase 1	-	-	3270.89	2,943,801.00	2022
8	Demolition Phase 2	1	-	2082.92	3,749,256.00	2023-2025
				Sub-Total	6,693,057.00	
				TOTAL	1,132,881,107.00	



Perspective of Library



Perspective of Student Services Center I





Location of Dormitory

Perspective of Ten-Storey Dormitory



Perspective of the Proposed Storage Facility



Location of Storage Facility



Perspective of the Proposed Ten-Storey CAS Building



Location of Ten-Storey CAS Building





Location of CTE Building

Perspective of the Proposed Five-Storey CTE Building



VALUES SAUSSES Tech Hub ------ EXISTING BULDING - PROPOSED BULLET RECOVERY ROOM - UNUSED - PROPOSED TWO STOREY FUEL/CATION - DRIVEWAY/OPEN SPACE - PROPOSED TEN STOREY HOTEL/DORMITORY - PROPOSED FIVE STOREY RESEARCH HUB - PROPOSED FOUR STOREY STORAGE - PROPOSED TWO STOREY COMMERCIAL BUILDING - WATER TANK - PROPOSED FIVE STOREY TECH-HUB BUILDING - PROPOSED WATER RETENTION - PROPOSED CTE STOREY BULDING - ONGOING CONSTRUCTION OF HIGHER - PROPOSED MRF - PROPOSED TEN STOREY CAS BUILDING PROPOSED SITE DEVELOPMENT PLAN BCALE 1100 MTS

Perspective of the Proposed Technology Hub

Location of Technology Hub





Location of Research Hub

Perspective of the Proposed Five-Storey Research Hub


Perspective of the Proposed Material Recovery Facility



Location of Materials Recovery Facility



Perspective of the Proposed Commercial Building



Location of Commercial Building





Location of Bullet Recovery Room

Perspective of the Proposed Bullet Recovery Facility



Perspective of the Proposed DRRMO



Location of DRRMO



Perspective of the Proposed Publication Office



Location of Publication House



BatStateU Lipa LUDIP

Summary





BatStateU Lipa Brief Campus Profile

Batangas State University The National Engineering University Lipa, previously named as Don Claro M. Recto Campus, stands in a first-class city in the province known for its religious and heritage sites. While being home to notable attractions and landmarks, Lipa City prides itself as one of the most prominent economic and commercial areas in Batangas.

From its humble beginnings since its establishment in 2001, **BatStateU TNEU Lipa Campus is now among the five constituent campuses** and continues to leap beyond expectations through establishing a reputable presence in the red and white community's academic paradigm. With more than **4,700 students**, the Campus offers a number of degrees in the fields of engineering, technology, business, education, and social sciences.







BatStateU Lipa Campus Profile

Projection on the Number of Students in AY 2021-2031







BatStateU Lipa Campus Profile

Projection on the Number of Faculty in AY 2021-2031







BatStateU Lipa

Campus Profile

Projection on the Number of Non-Teaching Employee in AY 2021-2031





Landholding: 9563 sqm

Batangas State University Lipa is located in Brgy. Marawoy, Lipa City, Batangas. It is situated under the subdivision plan of city land of Lot 4 and Lot 5, specifically Lot 4-C with an area of 5, 335 square meters and Lot 5-B with an area of 4, 228 square meters.

BATSTATEU



Existing Facility









- Multipurpose Building (5 storey)
- Higher Education Building (5 storey)
- CECS Building (5 storey)
- Facade
- Powerhouse
- Gymnasium (under renovation)
- Learning Development Center (3 storey, under construction)



- Academic
- General Services
- Research and Extension Services

Description of Design of the Building and Other Built Structures

The University adheres to the standards of the National Building Code, and as university policy, building designs must address natural and man-made hazards. Building structures are designed to withstand earthquakes and gusts of winds during typhoons. They are also fitted for fire emergencies. Professional engineering consultants are hired for this purpose. Soil and ground conditions, waterways, easements and zoning ordinance, as well as national and local guidelines are considered in the location of buildings. Qualified contractors with proven experience are awarded infrastructure projects in the University.

University structures, facilities and buildings are designed to give equal access to persons with special needs and disabilities. Access ramps and lifts are installed as needed and in accordance with building codes.



Academic

Five Storey Academic Building

The first three (3) years of development will include the construction of a five-story academic building with dimensions of $11m \times 35m$ and four rooms per floor. Upon completion, there will be a total of twenty classrooms, each with a floor area of 64 square meters. The estimated cost of the project is Php 85 million.





Academic

Campus Multipurpose Gymnasium

The gymnasium, as a multipurpose facility, can also support fairs, exhibitions and others. As the university also encourages technology start-ups that will add fresh impetus to the innovation ecosystem, the facility can be used to showcase innovation ideas. It can be used by local entrepreneurs to exhibit products, ideas that are of business potential. The estimated cost of the project is Php 80 million.





Academic

Reconstruction of the old five-storey Multipurpose Building

In the next six (6) to ten (10) years the Multi-Purpose Building reconstruction will be the next priority. The said old building has a floor area of 11.01m x 40.02m. It will have five classrooms per floor, for a total of sixteen classrooms spanning from the first to fourth floors. A dormitory will be built on the fifth floor to provide convenience for students and school staff. The estimated cost of the project is Php 96.5 million. The plan for a dormitory on the 5th floor of the Multi-purpose Building in BatStateU Lipa will provide spaces for students who wish to live inside the campus.



General Services

MRF and STF

Construction of Material Recovery Facility (MRF) will be done in the first three years. Wastes from collection points will be temporarily transferred to this waste disposal area. The wastes are sorted and segregated, classified as recyclables and residual wastes. The recyclables materials are recovered from the waste stream and the residual wastes are transported to the nearest Sanitary Landfill. The MRF has a 14m x 10m footprint, or 140 square meters. To maintain a sustainable and eco-friendly campus, a Sewage Treatment Facility (STF) will also be constructed with the same floor area (14m X 10 m or 140 sq. m) as the MRF will also be included in the same projected timeline. The facility will collect wastewater generated from buildings and provide applicable treatment prior to its disposal whose effluent complies with general effluent standard set by Department of Environment and Natural Resources through DENR AO 2016 -08. The estimated cost of the project is Php 15 million.







Research and Extension Services

Coffee Production Facility

To realize the campus goal of revitalizing the Kapeng Barako in Lipa City, Coffee Production Facility will also be built in 2024 - 2027. It will have a floor area of $10m \times 10.5m$. Research outputs will be produced in the facility. The estimated cost of constructing the building facility is Php 4.7 million. Other research endeavors may be staged using the facility.







BatStateU Lemery LUDIP Summary





Campus Profile

Lemery is a first-class municipality in the Province of Batangas and has a total land area of 10,155 hectares which is equivalent to 3.21% of the total land area of the Province of Batangas. Lemery has a distance of 113 kilometers from Manila and 26 kilometers from Batangas City, the provincial capitol. There are three (3) alternate routes going to Lemery from Manila; via the City of Lipa in the South and via Tagaytay City in the North using the R. Diokno Highway and via Agoncillo in the east using Agoncillo-Laurel road.

In the year 2008, a piece of land with an area of 2,000 sqm was donated to Batangas State University by the Municipal Government of Lemery represented by the Municipal Mayor Eulalio M. Alilio. It was witnessed by the University officials, Students, Faculty members, and Parent Teacher Community School Association officials. Three years after the execution of the Deed of Donation, a three-storey building was constructed at the place to cater to the growing population of the campus.

Demographic Profile

a. Brief summary of the population (male/female):

Student population of BatStateU Lemery for First Semester A Y 2022-2023 is one thousand three hundred eighty five (1,385) students where three hundred sixty-two (362) of them are male and one thousand twenty three (1,023) are female. From the given data, it can be noted that there is a 5% decrease in the enrolment for this school year because there were students who transferred to other schools while the others stopped from schooling.

	2022-2023		
PROGRAMS	FIRST	SEMESTER	
	MALE	FEMALE	
Bachelor of Science in Computer Science			
Fourth Year	16	9	
TOTAL	16	9	
Bachelor of Technical-Vocational Teacher			
Education	12 X		
major in Garments Fashion and Design	10 No. 10 No.		
First Year	4	28	
Second Year	1	20	
Third Year	5	33	
Fourth Year	5	20	
TOTAL	15	101	
Bachelor of Secondary Education			
major in Social Studies	-		
First Year	11	64	
Second Year	4	36	
TOTAL	15	100	
Bachelor of Science in Management Accounting			
First Year	9	32	
Second Year	9	39	
Third Year	3	31	
Fourth Year	16	36	
TOTAL	37	138	
Bachelor of Science in Business Administration	0		
major in Financial Management	12 2		
First Year	23	60	
Second Year	25	82	
Third Year	34	109	
Fourth Year	23	121	
TOTAL	105	372	
Bachelor of Science in Business Administration	Ŭ Ŭ		
major in Marketing Management	Ĵ.	Ĵ.	
First Year	10	59	
Second Year	30	37	
Third Year	25	57	
Fourth Year	35	55	
TOTAL	100	208	
Bachelor of Science in Business Administration	20. V.	20	
major in Human Resource Management			
First Year	11	29	
Second Year	7	34	
TOTAL	18	63	
Bachelor of Industrial Technology			
major in Electronics Technology			
Third Year	23	14	
Fourth Year	33	18	
TOTAL	56	32	
TOTAL MALE & FEMALE	362	1023	
GRAND TOTAL		1385	
	1	1000	

b. Faculty Population

The table presents the faculty population. The campus has a total of thirty-six (36) faculty members who are responsible in handling general and professional courses of the five different programs being offered in the campus.

Status	Male	Female
Permanent Faculty	7	6
Temporary Faculty	0	1
Guest Lecturer	9	13
Total	16	20

c. Projected population of students and employees in the next 10 years

There is an increasing trend in the student population from 2023-2024 up to 2026-2027 with an average increase of 4.5%. It can also be observed that starting 2024-2025 up to 2030-2031 the student population is constant at 1,600. It is because the assumption for incoming students is based on 400 student population as computed in the Testing Admission Office and the available school infrastructure of the campus can only accommodate a maximum of 1600 students.

Academic Year	Projected Student Population
2023-2024	1,395
2024-2025	1,462
2025-2026	1,543
2026-2027	1,604
2027-2028	1,604
2028-2029	1,604
2029-2030	1,604
2030-2031	1,604
2031-2032	1,604
2032-2033	1,604

Land Use Map

The 2,000 sqm or 0.2-hectare campus is bounded by the aforementioned street at the north, Barangay Bagong Sikat at the south and east, and A. Atienza St. at the west. More so, the said campus is near District III and District IV, Lemery, Batangas. Given that it is located at the center of Lemery, the university is surrounded by various commercial, residential and institutional buildings. Lemery Pilot Elementary School, Salazar Polyclinic, Governor Feliciano Leviste Memorial National High School Annex Building are some of the landmarks covering the university.



Lemery campus is situated along Rajah Matanda St. at Barangay Bagong Sikat, Lemery, Batangas. The size of the property is approximately 2.000 sqm and rectangular in shape. The property is comprised of different infrastructures such as the Five-Storey Technology building, Four-storey old building, one storey university canteen and campus chapel.



The Old building consists of four floors. It houses seven classrooms, four laboratories, Campus clinic and several offices. All rooms are fully air-conditioned and properly lighted to ensure conducive learning space. The building serves as the learning space of students enrolled in education and business courses.



The Technology building is Five-storey building. Student services offices are located at ground floor of the building while the campus library is at the second floor. Computer Laboratories, Audiovisual room and classrooms are situated at the third floor, fourth floor and fifth floor respectively.



The school canteen is located in front of the old building. It is one storey building with a seating capacity of 50 students. It also has five stalls ready for concessionaires. The canteen is managed by the Resource Generating office (RGO) of the university.





The campus prayer room is a multifaith facility of the campus. It is located at the western part of the campus beside the old building. It has a floor area of 45 sqm. A fully air-conditioned facility with wooden chairs ready to be occupied by the students. It is a campus area where students may exercise religious activities. The allowed speed limit of vehicles inside the campus is 5 kph. Throughout the campus there are signages reminding all vehicle owners to drive accordingly. It is strictly prohibited to park vehicles in "No Parking" spaces. Signages for this are also posted in the different areas of the campus. Those who have vehicles are guided by the security officials to ensure that parking rules are always followed. Reverse parking is encouraged for easy maneuvers.



On the other hand, Batangas Electric Cooperative I (BATELEC I) is the electricity provider at district 1 of the province. There is a primary electric meter inside the campus with three 200 KVA transformer. This gives the campus stable supply of electricity to be used by the students and to protect school facilities and equipment. The campus has a backup power source during long brownouts. The Generator set is a Perkins type with 200 KVA power capacity. It is situated inside the power house located in between the Technology Building and the Old Building.





BatStateU Rosario LUDIP Summary

Campus Profile

- It was on May 17, 1999, the Batangas State University made its stride of establishing its extension campus in Rosario, Batangas.
- On May 24, 1999, BatStateU which was known as PBMIT then, and the Municipality of Rosario entered into an agreement that formally established the Rosario campus. It started with a total of 227 officially enrolled students and 15 faculty members handling courses in other extension campuses like San Juan, Padre Garcia and Taysan.
- Former Chief Prosecutor Jovencito R. Zuño and Mr. Pedro R. Inandan willingly donated a portion of land at Namunga, Rosario, Batangas. In 2001, the deed of donation was signed between the administration and the two philanthropists. Right after the signing of the deed, construction of the building started, and in June 2002, classes were transferred to the newly constructed building.







POPULATION OF STUDENTS

	~	Number of		
Academic Year	Semester	Male	Female	Total
2021-2022	First	347	931	1278
2020-2021	First	354	708	1062
2020-2021	Second	305	662	967
2019-2020	First	317	501	818
2019-2020	Second	369	632	1001
2017-2018	First	428	722	1150
2017-2018	Second	422	714	1136
2016-2017	First	660	992	1652
2016-2017	Second	620	932	1552
2015-2016	First	794	1093	1887
2015-2016	Second	759	1069	1828

Number of Teaching and Non-Teaching Personnel

		Number of Faculty Members						
Academic	Semester	Pern	nanent	Temporary		Lecturers		Total
Year		Male	Female	Male	Female	Male	Female	
2020-2021	Second	10	16	3	1	5	3	38
2021-2022	First	8	15	2	1	8	6	40

Academic Year	Semester	Number of Permanent Employees		PermanentNumber of JoboyeesOrder Staff		Total
		Male	Female	Male	Female	
2020-2021	Second	0	2	4	2	8
2021-2022	First	0	2	5	4	11

Inventory of Landholdings

1 of 3 DEED OF DONATION	2 of 3 school is operating and existing and upon demotition of said school, said property shall be returned to its former owners;	REPUBLIKA NG PILIPINAS BAYAN NG ROSARIO LALAWIGAN NG BATANGAS
KNOW ALL MEN BY THESE PRESENTS: This Deed of Donation made and executed by and between: ELLEN INANDAN, married; ELNORA INANDAN, married; and EDITHA INANDAN, single; all of legal ages, Filipinos and residents of Brgy. Namunga, Rosario, Batangas, represented herein by their father PEDRO R. INANDAN, of legal age, married and a resident of the same locality, hereinafter referred to as the DONORS AND BATANGAS STATE UNIVERSITY, an educational institution duly constituted by law, with address at Rizal Avenue, Batangas City, represented by its President, DR.	That to show gratitude to the DONORS' liberally, the DONEE will provide a total of three (3) scholarship grants very semsater in favor of students to be identified by the DONOR to commence upon signing of this agreement and to continue while the DONOE is in possession of the object of this donation. That the DONORS executed a special power of attorney, notarized by Atty. Jose E. Calingasan on April 16, 2012 (Doc. No. 998, Page No. 194, Book No. VIII, Series of 2012), to authorize their father, PEDRO R. INANDAN, to donate in their behalf the above-described property in favor of the DONEE and to perform every act necessary to render effective such power to donate: IN WITNESS WHEREOF, the DONORS' attorney-in-fact and the DONEE have hereunto affixed their signatures on this document this day of June, 2012 at	PAHINTULOT Ako <u>Jovencito C. Zuño</u> ganap na gulang, may asawa,
NORA L MAGNAYE, hereinanter referred to as the DUNEE; WITNESSETH: That the DONORS are the registered owners of a parcel of land situated at Brgy. Namunga, Rosario, Batangas which is particularly described as follows:	Rosario, Batangas. ELLEN INANDAN BATANGAS STATE UNIVERSITY ELNORA INANDAN Donee EDITHA INANDAN Dones	nakatira sa matapos manumpa ayon sa batas ay nagbibigay pahintulot sa <u>Batangus</u> State University na makapagpatayo ng bahay/gusali o anumang halintulad nito sa pag-aari kong lupa na
TRANSFER CERTIFICATE OF TITLE No. T-120527 A parcel of land (Lot 1 of the consolidation/subd. Plan, Pcs-04-016910, being a portion of the consolidation of Lots 8099 & 8460, Cad-426-D, Rosario Cad. LRC Rec. No), situated in the Bryz, of Namunga, Mun. of Rosario. Prov. Of Batangas. Bounded on the Ni, along line 1-2 by Lot 8088 on the E., along line 2-3 by Lot 816, both of Cad-426-D, Rosario Cad; on the S, along line 3-4 by Lot 5; along line 1-6 by Lot 4; along line 5-6 by Lot 5; along line 3-4 by Lot 5; along line 1-7 by Lot 1; along line 5-6 by Lot 2; along line 5-7 by Lot 5; along line 1-7 by Lot 1; along line 5-6 by Lot 2; along line 10-11 by Lot 456, Psu-115361 (Port) Cad-420-D. Rosario Cadastre; Beginning at a point marked "1" on the plan being S. 85 deg. 46W, 1113.72 m. from BLIM. I. Cad-426-D, Rosario Cadastre; thence Ni & deg. 35 E, 88.38 m. to point 2; S. 3 deg. 52E, 50.00 m. to point 3; S. 84 deg. 34W.50.00 m. to point 4; S. 54	Represented by: Represented by: PEDRO R. INANDAN Attorney-in-fact Signed in the presence of: ACKNOWLEDGMENT Republic of the Philippines	nasa <u>bryy. Son lloque</u> , Rosario, Batangas. Iginawad ngayong ika <u>25</u> ng <u>Sefyembre</u> , 20 <u>le</u> sa Brgy. , Rosario, Batangas.
 N. 3 deg. 52W., 600 m. to point (N. 3 deg. 52W, 1000 m. to point ?); N. 3 deg. 52W, 10.00 m. to point 10, N. 3 deg. 52W, 400 m. to point 10; N. 3 deg. 52W, 10.00 m. to point 110, N. 3 deg. 52W, 400 m. to point 11; N. 4 deg. 50E: 11.62 m. to point 6 bignining, containing an area of FIVE THOUSAND (5.000) SQUARE METERS. That in consideration of the DONORS' high regard, affection, civic mindedness and for the benefit of the people of the Municipality of Rosario, Batangas and its neighboring towns, the DONORS have conveyed, ceded and transferred by way of donation unto the said DONEE, a parcel of land situated at Brgy. Namunga, Rosario, Statangas containing an area of FIVE THOUSAND (5.000 SQUARE METERS; That the DONEE hereby accepts this donation and expresses its sincere appreciation and graftude for the kindness and liberality shown by the DONORS; That the aforementioned property is to be used solely as a school site and other support services thereof and this Deed of Donation shall be effective only as long as the	Batangas City) S.S BEFORE ME, on the 13th day of June 2012 personally appeared Nora L Magnaye estibiling to ome here CTC. No. 16495598 issued on January 5, 2012 at Batangas City known to me and to me known or identified by me through competent evidence of identify to be the same person who executed the foregoing instrument and adknowledged to me that the same is her free and voluntary act and deed and that of the person or institution she represents. This instrument consisting of three (3) pages, including the page on which this acknowledgment is written, has been signed on each and every page thereof by the concerned parties and their withesses, and sealed with my notarial seal. WITNESS MY HAND AND SEAL, on the date and place first above written.	Pinatunayan nina 1. <u>IloSaulungan Mi/ Camik</u> 2. Jahuaran 10. Ganazanu
Proposed Site Development Plan



Existing Buildings	
Future Buildings	
Buildings for Demolition	LEGEND:
Academics	1 - 2-STOREY INANDAN HALL
Research	2 - PROPOSED LIBRARY
Extension	3 - 3-STOREY MARK LLANDRO"DONG" MENDOZA HALL 4 - 2.STOREY TECHNOLOGY BUILDING
General Services	5 - 2-STOREY CLINIC & SPEECH LAB (STUDENT SERVICES CENTER I)
Allied Services	6 - GYMNASIUM
Administration	7 - PROPOSED STUDENT SERVICES CENTER II
Mixed Use	8 - PROPOSED 5-STOREY MIXED-USE BUILDING (CANTEEN, DORMITORY & CLASSROOMS)
Parking / Open Space	9 - PROPOSED WATER RETENTION
Driveway	10 - PROPOSED WATER TANK & PUMP
Unused	11 - PROPOSED POWERHOUSE

Proposed Student Services Center



Proposed 5-Storey Mixed Use Building



Proposed Drainage System and Water Retention Facility



Proposed Powerhouse



Proposed Water Tank and Distribution System



BatStateU San Juan LUDIP Summary



Legal Mandates

- Republic Act No.11396 An Act Requiring State Universities and Colleges (Sucs) to Prepare And Implement a Land Use Development And Infrastructure Plan that Shall Include the Construction of Dormitories for Students And Housing Sites for Employees
- CHED Memorandum Order 11 S. 2020 Implementing Rules and Regulations of RA 11396, "An Act Requiring State Universities and Colleges (Sucs) to Prepare and Implement A Land Use Development and Infrastructure Plan shall include the Construction of Dormitories for Students and Housing Sites for Employees"



BRIEF CAMPUS PROFILE

Brief Campus Profile

- Batangas State University is a Level IV state university in the province of Batangas, Philippines. Established in 1903, the university is strategically located at the second largest economic region in the Philippines, which puts it at a prime position not only as a premier provider of higher and advanced learning, but also as a viable economic development zone.
- As one of the country's model higher education institutions recognized by the Commission on Higher Education (CHED), BatStateU is the first and thus far the only state university in the Philippines with engineering, IT, and computer science programs accredited by the Accreditation Board for Engineering and Technology (ABET) – Engineering Accreditation Commission and Computing Accreditation Commission. With 15 development centers, it is recognized by the Regional Development Council of Region IV-A as the Regional Center for Technology Business Incubation and Development, and as the Regional Center for Science, Technology, Engineering, and Environment Research.



GEOGRAPHIC PROFILE

Geographic Location



One of the famous municipalities in Batangas Province is San Juan. San Juan, officially the Municipality of San Juan (<u>Tagalog</u>: Bayan ng San Juan), is a 1st class <u>municipality</u> in the <u>province</u> of <u>Batangas</u>, <u>Philippines</u>. According to the 2020 census, it has a population of 114,068 people.

The town is known for its baroque church and the <u>Pinagbayanan excavation</u>, the most important archeological site in the municipality. More so, San Juan is located at the easternmost part of Batangas province. North of San Juan is the neighboring town of <u>Candelaria</u>, with Malaking Ilog River defining its geographical boundary. <u>Tayabas Bay</u> lies east and the hills on the eastern portion separate it from the towns of <u>Lobo</u> and <u>Rosario</u>.

According to the <u>Philippine Statistics Authority</u>, the municipality has a land area of 273.40 square kilometers (105.56 sq mi) constituting 8.76% of the 3,119.75-square-kilometer (1,204.54 sq mi) total area of Batangas. San Juan is a first class <u>municipality</u> in the province of Batangas. It is initially identified as one of the Special Economic Zones (ECOZONES). According to RA 7916 or the Special Economic Zone Act of 1995, ecozones are selected areas with highly developed or which have the potential to be developed into agro-industrial, industrial, tourist/recreational, commercial, banking, investment and financial centers.

San Juan is a tourist destination known for its white-sand beaches. The tourism and <u>aquaculture</u> industries provide jobs to the town's people and income to the town economy. Because of its fertile land, the municipality is one of the top suppliers of <u>agricultural</u> products in the province. The town also has a coconut wine and pottery industry.



Composite Landslide and Flooding Susceptibility Map of San Juan, Batangas



San Juan Fault Line Map



Maps Covering Political Boundaries

GIS MAP OF BATSTATEU CAMPUSES



GIS MAP OF BATSTATEU CAMPUSES





DEMOGRAPHIC PROFILE



Projection on the Number of Students in A.Y. 2022-2032

Graphical Representation of BatStateU - San Juan Population for A.Y. 2022-2032

Projection on the Number of Faculty in 2022-2032



Graphical Representation of BatStateU - San Juan Projection on the Number of Faculty in 2022-2032

Projection on the Number of Non-Teaching Personnel in 2022-2032



in 2022-2032



INVENTORY OF LANDHOLDINGS



Inventory of Landholdings

Batangas State University San Juan is located at Brgy. Talahiban 2.0, San Juan, Batangas. It is registered under the Municipality of San Juan Batangas, with an area of TWENTY FIVE THOUSAND TWENTY SIX (25,026) sqm. is zoned within the Urban Use Expansion Zone of Brgy. Talahiban 2.0



EXISTING LAND USE PLAN



THREE- STOREY LEARNING CENTER BUILDING

Batangas State University San Juan Campus

Existing Land Use Plan



Detailed geographical description and survey of the site occupied by the SUC's including all the idle lands.

The municipality of San Juan is situated on the southern tip of Batangas along the Batangas- Quezon boundary. It is geographically located at 13.49.6" north latitude and 121.23.8" east latitude. It is approximately 43 kilometers east of Batangas City, the provincial capital, about the same distance southwest of Lucena City, the capital of Quezon province, and about 120 kilometers south of Metro Manila, the national capital.

North of San Juan is the neighboring town of Candelaria in Quezon province with Malaking Ilog defining its geographical boundary. Tayabas Bay lies east and the hills on the western portion separating San Juan from the towns of Lobo and Rosario of the same province. Directly south is the Verde Island passage, a sea lane for inter-island vessels plying the Batangas- Marindugue route.

same province. Directly south is the Verde Island passage, a sea lane for inter-island vessels plying the Batangas-Marinduque route.



INSTITUTIONAL COORDINATION AND MONITORING COMMITTEE

Thematic Area	Committee Members
Physical and Land Use Planning	 Chancellor Vice Chancellor for Administration and Finance Head of PFMO Head of GSO
Infrastructure and Buildings	 Chancellor Vice Chancellor for Administration and Finance Head of PFMO Head of GSO
Field Laboratories	 Chancellor Vice Chancellor for Research Development and Extension Services Head of Research Laboratory Supervisors

Environmental Protection	 Managing Head of PB Campus Vice Chancellor for Administration and Finance PCO of EMU PB Head of Health Services PB
Tourism and Heritage	 Chancellor Vice Chancellor for Academic Affairs Head of Culture and Arts Head of RGO PB
Solid Waste and Pollution Prevention	 Managing Head of PB Campus Vice Chancellor for Administration and Finance PCO of EMU PB Head of GSO PB Head of Health Services PB

Traffic Routes	 Chancellor Vice Chancellor for Administration and Finance Head of GSO PB Head of Security Services Head of PFMO PB
Sports Facilities	 Chancellor Vice Chancellor for Academic Affairs Head of Sports Division
Housing	 Chancellor Vice Chancellor for Development and External Affairs Vice Chancellor for Academic Affairs Head of RGO
IGP and Commercial Spaces	 Chancellor Vice Chancellor for Development and External Affairs Vice Chancellor for Administration and Finance Head of RGO

BALAYAN



BatStateU Balayan LUDIP Summary

Leading Innovations, Transforming Lives, Building the Nation

BALAYAN

- Batangas State University Balayan is one of the university's oldest extension campuses located in Brgy. Caloocan, Balayan. Established in 1994, BatStateU Balayan has since been offering technology and technical-vocational education programs to the youth of the community.
- The campus offers eight specialization courses under the Bachelor of Industrial Technology program and two (2) for the Bachelor of Technical Vocational-Teacher Education. It also offers the Bachelor of Science in Information Technology.
- Currently, five of its programs have secured certificates of compliance from CHED while four (4) were granted Level 2 Accreditation Status.
- It has a total of 739 students, 34 teaching personnel and 11 non-teaching personnel.



BRIEF PROFILE

Leading Innovations, Transforming Lives, Building the Nation

BALAYAN



Inventory of LandHoldings Existing Land Use Plan Existing Site Development Plan

Leading Innovations, Transforming Lives, Building the Nation


LANDHOLDING

Batangas State University Balayan is occupying a parcel of land measuring 5000 Brgy. Caloocan, sq.m. located in Balavan. Batangas. The lot officially owned bv the university is bounded in Southwest, Lines 1-2. 2-3, by Lot 4, PCS-04-028485, in North East North West, Line 3-4-5 by Lot 2, and PCS-04-028485, in North East, Line 5-6 by Lot 885, CAD 146, Balayan Cadastre and in North East. Line 6-1 LOT 817-C-1. by PSD-04-026514. The TIE point of the occupied land is BBM No. 13, CAD 146, Municipality of Balayan, Province of Batangas.

Transfer Certificate of Title















EXISTING FACILITIES

The buildings situated in the BatStateU-Balayan compound are the following:

- A. Eileen Ermita-Buhain building
- B. Ralph G. Recto building
- C. Powerhouse building (On-going construction)
- D. University Canteen
- E. Guard House (Main Entrance)
- F. Student Services building

Leading Innovations, Transforming Lives, Building the Nation



BatStateU Balayan has two (2) academic buildings being used by the three (3) colleges: Eileen Ermita-Buhain Building (C) and Ralph G. Recto Building (F).

EEB is a two-storey building which consists of the Faculty Room, Guidance and Counseling room, Office of the Campus Director/Head of Academic Affairs, Library, Accreditation room, ICT, Computer and CISCO laboratory and the Office of the Administrative Services.

The Ralph G. Recto Building has one (1) regular classroom, one (1) drafting room, one (1) Physics and Chemistry room, laboratory rooms of the BIT major in Electrical, Automotive Technology and BTVTED major in FSM. It also houses the campus Clinic, the office of the campus Registrar and the Cashier's Office.

Currently, there is an ongoing construction of the SSC building which is the campus' biggest academic building (J).

The campus canteen (B) has provision for six stalls that could accommodate 200 students or seats.

The campus has two entrances: Main Gate 1 which is located near the Mandanas Drive and Gate 2 which is situated at the back of the campus.

The powerhouse sits in front of the RGR Building and is intended for the installation of the campus' main electrical power system and generator.





PROPOSED LAND USE AND DEVELOPMENT PLAN PROPOSED SITE DEVELOPMENT PLAN PROPOSED INFRASTRUCTURE DEVELOPMENT (specially dormitory)

Leading Innovations, Transforming Lives, Building the Nation



Expansion Lot (estimated cost: Php 35,000,000)

The campus offers four new technology programs which requires additional space for the construction of the proposed university Gymnasium and College of Industrial Technology Building which will contain specialized laboratories.

The campus intends to expand by acquiring 5000 square meters of adjacent land.



PROPOSED SITE DEVELOPMENT PLAN

Highlights of the Site Development Plan are as follows:

• All buildings to be equipped with ventilation, and building management systems for efficiency and optimal use. It shall adopt a modern design concept in harmony with the University's red and white color theme.

Other important features of the Plan includes:

- A visually appealing campus façade and perimeter fence with the prominently encrypted University logo.
- Adequate parking spaces to be used alternatively as an evacuation area during disaster/calamity.
 Provision of open spaces
- Drainage system
- Upgrading of Electrical Power system

Proposed site development plan

Leading Innovations, Transforming Lives, Building the Nation



A beautifully arranged ground landscape is proposed to provide an aesthetic environment for the students. All walkways and pathways will be well-lighted to ensure the safety of learners and personnel.

Also, a well-designed ground landscape will not only beautify the campus but also will provide potential health benefits such as reducing stress levels, uplifting spirit and developing creative thinking and artistry among students.

Ground Landscaping of the Campus



Proposed drainage system of the campus (estimated cost: Php 8,000,000)

The new municipal hall of Balayan, a neighboring building of the campus is currently constructing its drainage system and canals, and this should be used as an opportunity by the campus to construct its own drainage system so that it can connect easily to the water canals that will be built alongside the road.

Leading Innovations, Transforming Lives, Building the Nation



Proposed Perimeter fence, Main gate I, and Façade (estimated cost: Php 9,000,000)

The Municipal Hall and the main road are being constructed at the back of the campus which necessitates the change in the development plan. The main gate of the campus and the facade will be placed at the back so it would be facing the main road and the Municipal Hall for easy access of students, faculty and clients.

On the other hand, construction of perimeter fence at the rear side is necessary since the gate and fence were destroyed due to the construction of SSC building.



Proposed CIT laboratory (estimated cost: Php80,000,000)

To ensure that the College of Industrial Technology, as the flagship course of BatStateU Balayan, continues to provide relevant and high-quality education, the construction of a three-storey building that will house the CIT laboratories with lecture rooms is necessary

These laboratories are essential for students to acquire knowledge and competencies in their field of specialization



Proposed University Gymnasium (estimated cost: Php 31,302,180.00) In the absence of a gymnasium, BatStateU-Balayan utilizes the community-covered court in Caloocan. Although all the necessary activities are held in this place, there is no Memorandum of Agreement between BatStateU and the LGU.

Moreover, the existing covered court is unsafe and the students' security is at risk since the place is at the heart of a sugarcane plantation. Additionally, this is utilized as a recreational place in the community; hence, it is not always available.

According to the survey, 57% of the respondents wanted to have a new gymnasium.



Proposed 3-Storey Campus Dormitory (estimated cost: Php 49,728,000.00)

To provide housing facilities for students and employees, the construction of a 3-storey Campus Dormitory is proposed.



BatStateU Mabini LUDIP Summary

Brief Profile of the Campus

- BatStateU Mabini Campus is the 11th and the youngest campus of the BatStateU TNEU system and is located at Sitio Mailayin, Brgy. P. Niogan, Mabini, Batangas. The campus was opened on August 6, 2018 and has a total land area of 4 hectares.
- The main building of the campus, the Josefina Yu Hall sits on a 482-square meter land area.
- The second building of the campus was a donation of the DPWH Batangas and sits on a 252-square meter land area.
- An additional multipurpose building also donated by the DPWH Batangas covered a total land area of 94.5 square meters.
- Currently, a campus clinic which covers a total land area of 92.5 square meters is being constructed just in front of the Josefinal Yu Hall.



Summary of the Population of Students







Graphical Presentation of the Population of the Faculty Members in the Campus by Gender from AY 2018-2019 to AY 2022 – 2023



Site Development Plan



Brief profile of BatStateU Lobo - College of Agriculture and Forestry

- The only agricultural and forestry school in the Province of Batangas currently offering BS Agriculture and BS Forestry Programs
- Established since 1997 as one extension campuses of PBMIT now BatStateU TNEU delivering courses in line with AFNR.
- Located in Lobo Batangas with two campuses:
 - 1. Masaguitsit Campus with 0.12 ha for academic and student services

2. Lagadlarin Experimental Farm with approximately 40 ha as laboratory site for BS Agriculture and BS Forestry

• Sit along the Verde Island Passage Marine Biodiversity Corridor and Lobo-San Juan Mountain Range (Biodiversity hotspot areas)

B. INVENTORY OF LANDHOLDINGS (Lobo)

Property Location/ Campus	Status of Ownership/ Document Available	Manner of Acquisition	Date of Acquisition	Technical Description
BatStateU Lobo, Barangay <u>Masaguitsit,</u> Lobo, Batangas	Real Property No. 13- 0017-00322 Deed of Donation	Deed of Donation	March 18, 2020	Area: 1,222 sqm
BatStateU Lobo, Barangay Lagadlarin, Lobo, Batangas	Transfer Certificate Title (TCT No. T-148620)	Transferred from CTC No. T-120051 (totally cancelled)	December 5, 2008	Area: 8,437 sqm
	Transfer Certificate Title (TCT No. T-148621)	Transferred from CTC No. T-120051 (totally cancelled)	December 5, 2008	Area: 8,840 sqm
	Transfer Certificate Title (TCT No. T-148622)	Transferred from CTC No. T-120051 (totally cancelled)	December 5, 2008	Area:8,864 sqm
	Transfer Certificate Title (TCT No. T-148623)	Transferred from CTC No. T-120051 (totally cancelled)	December 5, 2008	Area: 8,887 sqm
	Transfer Certificate Title (TCT No. T-148624)	Transferred from CTC No. T-120051 (totally cancelled)	December 5, 2008	Area:8,983 sqm

Transfer Certificate(S) of Title (TCT) Nos. TCT-T-148620, TCT-T-148621, TCT-T-148622, TCT-T-148623, TCT-T-148624 indicate that the land described and specified in these titles are owned by the Batangas State University. Technical Descriptions are stated in each corresponding Transfer Certificate Title.



Figure 7. BatStateU Lobo Campus

The actual-campus land area at 0.12 ha located in Brgy. Masaguitsit, it is the location of the only College of Agriculture and Forestry in the province of Batangas,

The Bachelor of Science in Agriculture and Bachelor of Science in Forestry Program of the campus acquired and awarded Level 1 Accredited by the AACCUP last December 2019 andwas awarded a government recognition No.004 series of 2014 by CHED Regional Office IV-A lastJanuary 13, 2014.



Figure 9. BatStateU Masaguitsit Campus in Lobo Batangas

(b) Projected population of students in the next 10 years

ENROLLMENT TREND AND PROJECTED STUDENTS FOR THE NEXT TEN (10) YEARS



Figure 13. Enrollment projection for Lobo Campus in the next 10 years.





Map 3. Land cover map of Brgy. Masaguitsit and Brgy. Lagadlarin

Based on land cover map in figure 1, Brgy. Masaguitsit and Lagadlarin are composed of three (3) land types. Land with brush/shrubs in Brgy. Masaguitsit and Mangrove and Perennial crop in Brgy.Lagadlarin.



As shown in figure 2 and figure 3, the property located in Brgy. Masaguitsit is near in a sloppy area and Lagadlarin is lies in plain terrain. The terrain of the locality is level to nearly and

c. EXISTING LAND USE AND LAND USE TRENDS

The art batotacoo Thabagatot bathpab



Lagadlarin Experimental Farm: Crop production area, livestock production area, mangroves and mangrove associates

Map 28. Current Land Utilization of BatStateU Lobo, Lagadlarin



Masaguitsit Campus:

Infrustructures, pathways and green spaces

Map 27. BatStateU Masaguitsit Campus

SUC DEVELOPMENT, LAND USE AND INFRASTRUCTURE PLAN

Agriculture Program Objectives

The Bachelor of Science in Agriculture program aims to educate students in the scientifichabit of thought, entrepreneurial skills and prepare them to become professionals with entry-level competencies in technical agriculture. It emphasizes the techniques and processes of identifying, diagnosing and analyzing problems and in designing, packaging, and applying technologies needed in the development and conservation of the agriculture and food resources.

Forestry Program Objectives

The Bachelor of Science in Forestry program aims to become professional forester equipped with social, economic and environmental dimensions of forestry resources; competent researchers and academicians in order to advance the growth of forestry science and leaders in proper conservation and development of forest resources. It focuses on sustainable management of forests for biodiversity, productivity and health based on a multidisciplinary approach.



Figure 45. Proposed site development for BatStateU Lagadlarin experimental farm.

LEGEND

- 1. CLINIC & GUARD HOUSE
- 2. MOTOR POOL
- 3. POWER HOUSE
 - 4. DORMITORY
 - 5. MRF

40mi

- 6. WATER DISTRIBUTION FACILITY
- 7. CHAPEL
- 8. COVERED COURT
- 9. MULTI-STOREY INTEGRATED CENTER
- FOR AGRICULTURE AQUATIC AND FORES
- 10. THREE STOREY VIP CORAL
- **11. THREE STOREY THRIVE**
- 12. STP
- 13. STAFF HOUSE
- 14. SMART DEMO FARM
- 15. LIVESTOCK PRODUCTION AREA
- **16. BOTANICAL GARDEN**
- 17. HIGH VALUE CROPS PRODUCTION AREA
- 18. GOAT





Map 41. Map of infrastructure location for BatStateU Lagadlarin



Map 42. BatStateU Masaguitsit Campus Land Allocation



Figure 46. BatStateU Lobo Site Development Plan
Table 9. Estimated cost of proposed development under the 10 year LUDIP for BatStateU Lagadlarin Farm and Masaguitsit Campus.

Major proposed development for BatStateU Lagadlarin based from LUDIP	Footprint in themap	Total area	Estimated cost
Smart Demo Farm	1967.447	1967.447	68,860,645.00
Covered Court	671.3178	671.3178	23,496,123.00
Material Recovery Facility	61.34452	61.34452	2,147,058.20
Water Distribution Facility	96.7055	96.7055	3,384,692.50
5 Storey Student Dormitory	207.4088	1037.044	36,296,540.00
Chapel	128.4017	128.4017	4,494,059.50
Botanical Garden	9835.287	9835.287	5,000,000.00
3- Storey Tech Hub for Agriculture, Aquatic and Forestry	340.496	1021.488	35,752,080.00
3-storey Higher Education Building	248.7474	746.2422	26,118,477.00
3-storey THRIVE (Research Center)	337.5703	1012.7109	35,444,881.50
Sewage Treatment Facility and Retention Pond	318.2321	318.2321	11,138,123.50
Livestock Production Area	14060.31	14060.31	5,000,000.00
High Value Crops Production	19215.06	19215.06	5,000,000.00
Road	2159.439	2159.439	10,000,000.00
Parking Lot	531.1491	531.1491	10,000,000.00

Board Walk	523.0492	523.0492	2,000,000.00
Clinic Guard	41.4286	41.4286	1,450,001.00
Motor Pool	52.87262	52.87262	1,850,541.70
Power House	66.06387	66.06387	2,312,235.45
Ornamental Nurseries (within Smart Demo Farm)	81	81	138,955.00
Proposed Nursery for Fruits and Plantation Crop (within Smart DemoFarm)	900	900	981,642.00
Proposed BatStateU CAF Multi- Processing Center (within Smart DemoFarm)	1089	1089	9,928,546.61
BatStateU Lobo Infirmary			1,500,000.00
TOTAL			302,294,601.9 6

On going project

BaStateU Lobo Infirmary Plan Design

