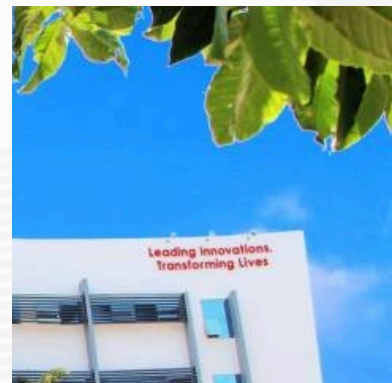


2023

SUSTAINABILITY REPORT



BATANGAS STATE UNIVERSITY
The National Engineering University





Contents

About the Report

Batangas State University (BatStateU), The National Engineering University, is committed to creating a sustainable future through the integration of Sustainable Development Goals (SDGs) into its core pillars: instruction, research, extension services, and governance. This report provides a comprehensive overview of the University's sustainability initiatives, encompassing as well the environmental and cultural dimensions.

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Message of the University President

As we work together to advance the 17 United Nations Sustainable Development Goals (SDGs) at Batangas State University, we recognize the important role we play in building a sustainable future for our community and the world.

Integrating the United Nations Sustainable Development Goals (SDGs) into our practices is not just essential—it is imperative. The UN reports that over 700 million people still live in extreme poverty, and climate change threatens the livelihoods of millions worldwide. In the Philippines, we face an average of 20 typhoons each year, posing significant challenges to our communities and infrastructure. From 2020 to 2022, more than 15 million Filipinos were displaced by natural disasters, with indigenous communities often suffering the most. These realities highlight the urgent need for our commitment to sustainability.

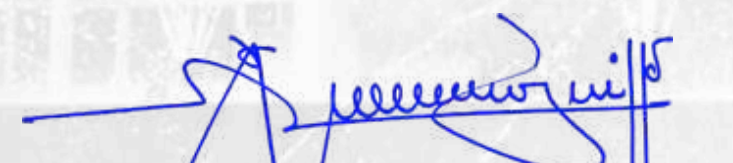
As the National Engineering University, Batangas State University is steadfast in our mission to advance engineering, sustainability, and innovation. By cultivating the next generation of visionary leaders, engineers, and innovators, we are empowered to tackle these global challenges and drive sustainable progress.

At Batangas State University, we recognize that engineering and innovative design are vital to achieving sustainability. By developing renewable energy systems, optimizing resource use, and creating resilient infrastructure, we can significantly reduce our environmental impact and enhance community resilience. Our commitment to resource efficiency, waste reduction, and social equity not only transforms our campus environment but also empowers us to create lasting positive change in the lives of those we serve.

We can leverage the power of engineering and innovation to forge a sustainable future, addressing the pressing needs of our communities and contributing to a more equitable world. In this endeavor, we will uphold our core principles of leading innovation, transforming lives, and building a sustainable nation. Every member of our university community is essential, contributing unique perspectives and skills that ignite our collective potential. By collaborating with clear intent, we can propel transformation and accelerate reforms toward sustainable national development.

Moving forward, let's continue on creating a sustainable environment that supports the well-being of our students, faculty, and the broader community.

Thank you for your unwavering commitment to this vital mission.


Dr. TIRSO A. RONQUILLO

President, Batangas State University, The National Engineering University
President, Philippine Association of State Universities and Colleges



UNIVERSITY PROFILE

Batangas State University is the Philippines' National Engineering University, by virtue of R.A. 11694, and is a Level IV State University. Regarded as the country's largest engineering university, BatStateU-The NEU 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.

VISION

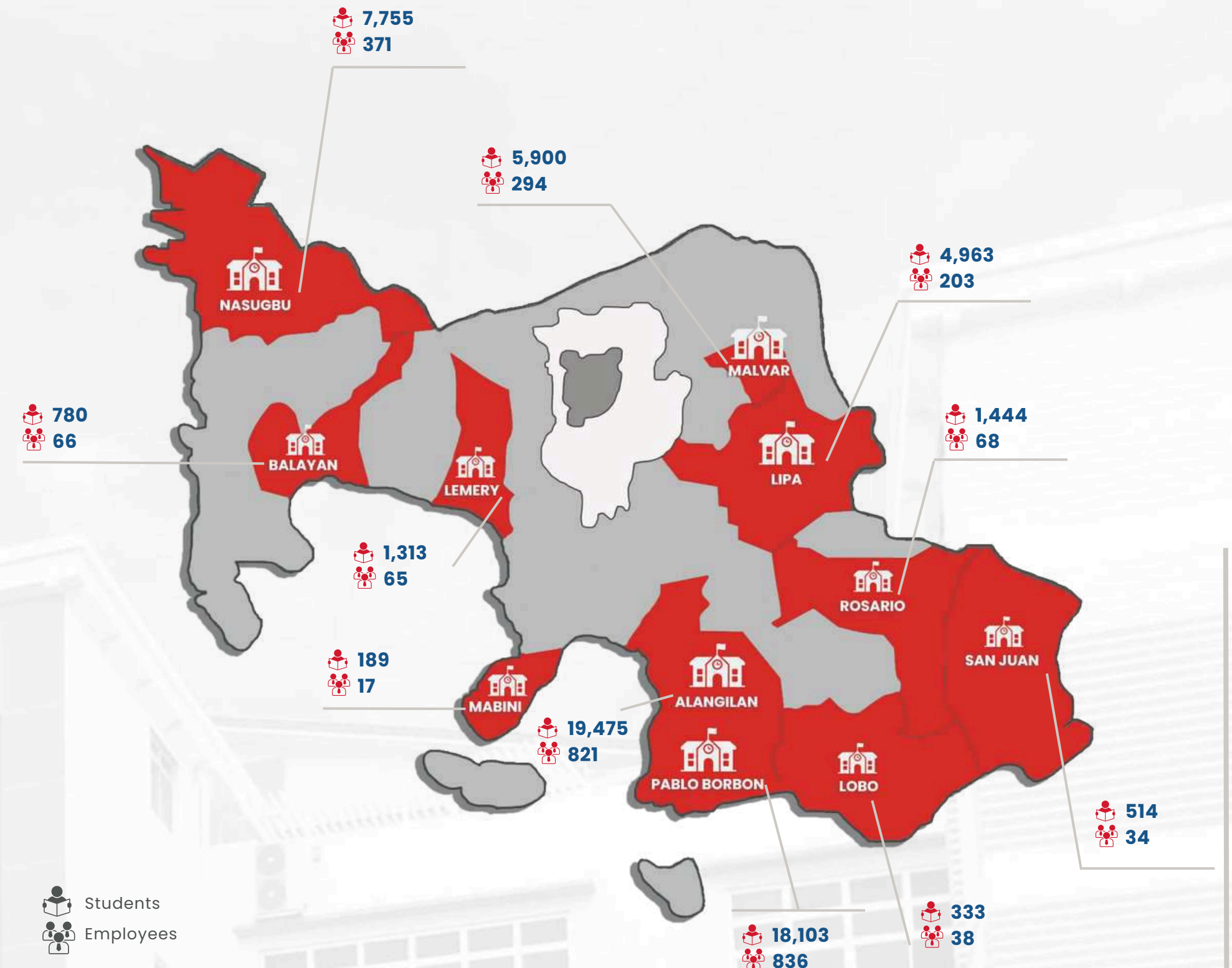
A premier national university that develops leaders in the global knowledge economy.

MISSION

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

CORE VALUES

- Patriotism
- Service
- Integrity
- Resilience
- Excellence
- Faith



BATSTATEU CAMPUSES

Batangas State University The National Engineering University strategically operates eleven campuses across Batangas Province, bringing higher education closer to the heart of its communities. The university's network comprises five main campuses and six extension sites that offer a diverse range of programs tailored to local needs.

60,769

Students

3,084

Faculty and Staff

167

Offered Programs

11

Campuses



2017

Established the Verde Island Passage Center for Oceanographic Research and Aquatic Life (VIP Corals) which focuses on proactive research for the center of the center of marine biodiversity Aquatic Life Sciences (VIP Corals)



2019

With the eruption of the Taal Volcano, the Batangueño's resilience was tested that led to the mobilization of the University's ACTION Center and the Extension Service Office that supported displaced families through the Bangon Batangas Project.

2020



2021



The Board of Regents approved the establishment of the Center for Sustainable Development.



Ranked 4th (Philippines) and 351st (World) in the UI GreenMetric World University Rankings.

Ranked 601-800 THE Impact Rankings



GLOBAL TOP 200



GLOBAL TOP 400



2023

2018



BatStateU established the Action Center which focused on Disaster Risk Reduction and Management

The 10 Year Strategic Plan was laid out with its pillars branded as BASICS - Brand of Excellence, Access, Social Relevance, Inclusive Innovation, Capacity, Sustainability.

Established the Sustainable Development Committee as the arm of the University committed in contributing to the attainment not only to the sustainable development of the country, but also the global community

Creation and approval of Sustainability Plan 2022-2029.



The Board of Regents approved on Dec. 7, 2022 the BatStateU's Policy Guidelines for Sustainable Development.

Ranked 300th (World) in the UI GreenMetric World University Rankings.



90th most innovative university in the globe by the prestigious World University Rankings for Innovation (WURI) 2023



SUSTAINABILITY JOURNEY

WORLD RANKINGS



4th in the Philippines and 351st most sustainable university in the world

Among the 1,050 participating universities around the globe, Batangas State University, The National Engineering University ranked 4th in the Philippines and 351st in the UI GreenMetric World University Ranking 2022, released December 12, 2022

First time to participate in the said ranking, BatStateU-The NEU triumphantly carried out all the 39 indicators in six different criteria namely: energy and climate change, waste, water, transportation, and education and research through the university's environmental commitment and initiatives.

Focusing on "Collective Actions for Transforming Sustainable Universities in the Post-Pandemic Time," this UI GreenMetric World University Rankings 2022 promotes green campus and environmental sustainability.



90th Most Innovative University globally

True to its dictum "Leading Innovations", Batangas State University, The National Engineering University (BatStateU-The NEU) was recognized as the 90th most innovative university in the globe by the prestigious World University Rankings for Innovation (WURI) 2023.

As a ranking system that evaluates the university's real contributions to the society, highlighting creative and innovative approaches of universities' research and educational programs, WURI 2023 has taken cognizance of the University's innovative programs and initiatives such as: the Knowledge, Innovation and Science Technology (KIST) Park, Verde Island Passage Center for Oceanographic Research and Aquatic Life Sciences (VIP CORALS), and Center for Sustainable Development (CSD) which all entered in the global top 50 in the fourth industrial revolution (27th), ethical value (31st), and student mobility and openness categories (47th).

Other innovative programs and projects of the University which were instrumental in securing its WURI 2023 spot are the Adaptive Capacity-building and Technology Innovation for Occupational Hazards and Natural Disaster (ACTION) Center, and Center for Technopreneurship and Innovation (CTI) which are under the crisis management and entrepreneurial spirit categories respectively.



BatStateU ranks among top 800 in Times Higher Education Impact Rankings, 4th in the Philippines

Batangas State University, The National Engineering University secured a 601st-800th spot among 1,591 universities from 112 countries/regions in the Impact Rankings of the Times Higher Education (THE), released June 1, 2023. It emerged 4th highest-ranked University among universities in the Philippines.

The THE Impact Rankings is the first global attempt to measure the contributions of universities worldwide to the 17 UN Sustainable Development Goals (SDGs) through research, stewardship, outreach, and teaching.



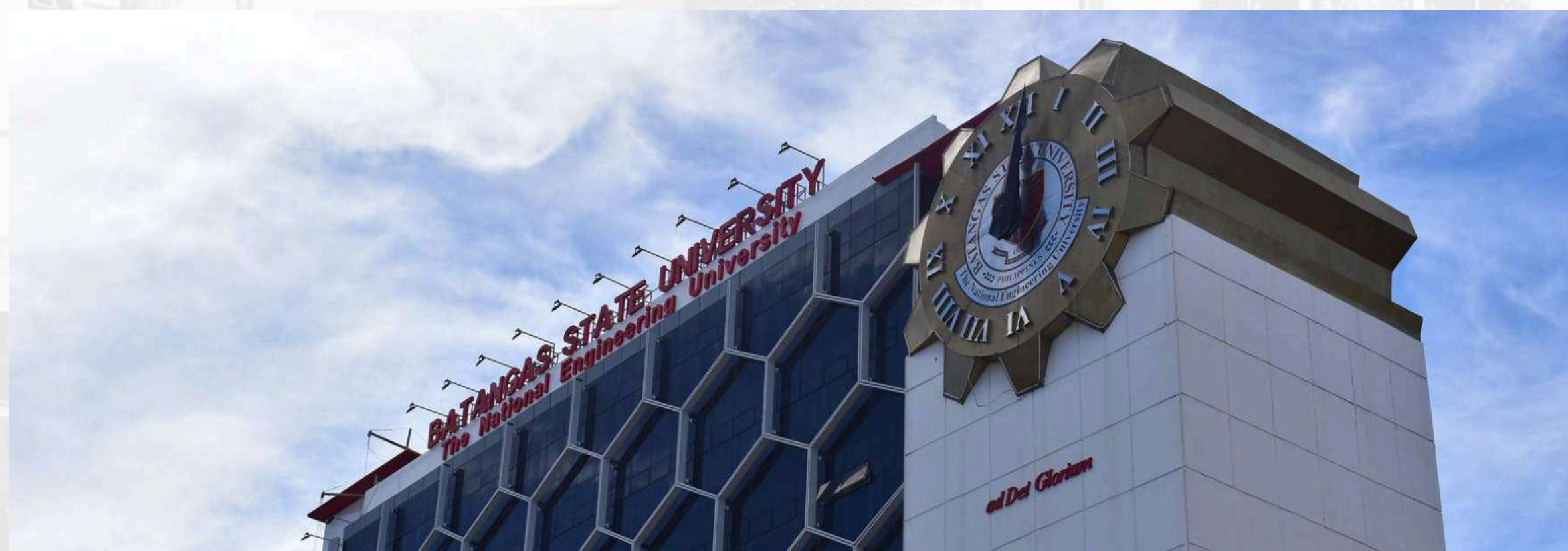
GLOBAL TOP 200

The University is recognized for its significant initiatives in advancing SDG 14 (Life Below Water), crediting especially the University's efforts in protecting, conserving, and strategically managing the Verde Island Passage (VIP), landing in the Global Top 200 most impactful programs.



GLOBAL TOP 400

BatStateU-The NEU is ranked in all 17 SDGs, thereby affirming its position as one of the leading institutions of higher learning that contributes to attaining the global goals. BatStateU-The NEU's ranks in the other SDGs are: Top 600 in SDG 13 (Climate Action), and Top 800 in SDG 4 (Quality Education), SDG 8 (Decent Work and Economic Growth), SDG 10 (Reduced Inequalities), SDG 11 (Sustainable Cities and Communities), and SDG 16 (Peace, Justice, and Strong Institutions). The University is also acknowledged in the Top 800+ in SDG 9 (Industry, Innovation, and Infrastructure) and among the Top 1000 in SDG 3 (Good Health and Well-Being).



PROGRAM ACCREDITATION

The Accrediting Agency of Chartered Colleges and Universities in the Philippines or AACUP is a non-profit, non-stock organization whose mission is to accredit quality assurance in state higher education institutions and their programs.

Majority of program offerings in the five (5) constituent and six (6) extension campuses of Batangas State University undergone AACUP Accreditation.

Pablo Borbon

Undergraduate Programs	
Academic Programs	Level
Bachelor of Science in Development Communication	Level IV Re-accredited
Bachelor of Elementary Education	Level IV Re-accredited
Bachelor of Science in Biology	Level IV Re-accredited
Bachelor of Secondary Education major in English, Mathematics and Science	Level IV Re-accredited
Bachelor of Science in Chemistry	Level III Re-accredited
Bachelor of Science in Nursing	Level III Re-accredited
Bachelor of Science in Accountancy	Level III Re-accredited
Bachelor of Science in Hospitality Management	Level III Re-accredited
Bachelor of Science in Business Administration major in: - Business Economics - Financial Management - Marketing Management - Human Resource Management	Level III Re-accredited
Bachelor of Science in Mathematics	Level II Re-accredited
Bachelor of Science in Criminology	Level II Re-accredited
Bachelor of Science in Psychology	Level II Re-accredited
Bachelor of Secondary Education major in Filipino and Social Studies	Level II - Accredited
BS in Nutrition and Dietetics	Level II Re-accredited
Bachelor of Science in Business Administration major in: Operations Management	Level II Re-accredited
Bachelor of Science in Entrepreneurship	Level II - Re-accredited
Bachelor of Science in Tourism Management	Level II Re-accredited
Bachelor of Science in Customs Administration	Level II Re-accredited
Bachelor of Public Administration	Level II Re-accredited
Bachelor of Science in Management Accounting	Level II Re-accredited

Graduate Programs	
Academic Programs	Level
Doctor of Education major in Educational Management	Level IV Re-accredited
Doctor in Business Administration	Level III Re-accredited
Doctor of Philosophy in English major in Language and Literature	Level II Re-accredited
Doctor in Public Administration	Level II Re-accredited
Doctor of Philosophy major in Mathematics Education	Level II Re-accredited
Master of Arts in Education major in: - Educational Management (Nonthesis-Thesis Program)	Level III Re-accredited
Master in Business Administration (Thesis Program)	Level III Re-accredited

Graduate Programs	
Academic Programs	Level
Master of Arts in Education major in: - English Language Teaching - Pagtuturo sa Filipino - Physical Education - Psychology	Level II Re-accredited
Master of Arts in Education major in: - Mathematics Teaching - Science Teaching	Level II Re-accredited
Master of Science in Mathematics	Level II Re-accredited
Master of Arts in English major in Language and Literature	Level II Re-accredited
Master in Public Administration (Thesis Program)	Level II Re-accredited

Extension Campuses

Lemery Campus

Undergraduate Programs	
Academic Programs	Level
Bachelor of Science in Management Accounting	Level II Re - accredited
Bachelor of Science in Business Administration major in: - Financial Management - Marketing Management	Level II - Re-accredited
Bachelor of Technical Vocational Teacher Education major in Garments, Fashion and Design	Level II Re-accredited
Bachelor of Science in Computer Science	Level I Accredited
Bachelor of Industrial Technology major in: - Electrical Technology - Electronics Technology	Level I Accredited

Rosario Campus

Undergraduate Programs	
Academic Programs	Level
Bachelor of Secondary Education major in English	Level II Re-accredited
Bachelor in Elementary Education	Level II Re-accredited
BS Business Administration major in: - Human Resource Management - Financial Management - Marketing Management	Level II - Re-accredited
Bachelor of Industrial Technology major in: - Computer Technology - Electronics Technology - Electrical Technology - Automotive Technology	Level II Re-accredited

San Juan Campus

Undergraduate Programs	
Academic Programs	Level
Bachelor of Secondary Education major in: Filipino and English	Level II Re-accredited
Bachelor of Science in Business Administration major in Marketing Management	Level II Re-accredited
Bachelor of Industrial Technology major in Computer Technology (last existing batch)	Level I Accredited

Alangilan

Eight (8) engineering programs including BS Chemical Engineering, BS Civil Engineering, BS Computer Engineering, BS Electrical Engineering, BS Electronics Engineering, BS Industrial Engineering, BS Mechanical Engineering, and BS Sanitary Engineering achieved the **highest mark of re-accreditation from the Engineering Accreditation Commission (EAC) of the Accreditation Board for Engineering and Technology (ABET)**. This prestigious accreditation was officially posted on the ABET website on October 1, 2023. Below is the accreditation status under AACCCUP, ABET-EAC-CAC, PTC-EAC and PICAB:

Undergraduate Programs	
Academic Programs	Level
Bachelor of Science in Mechanical Engineering	Level IV Re-accredited
Bachelor of Science in Civil Engineering	Level III Re-accredited
Bachelor of Science in Chemical Engineering	Level III Re-accredited
Bachelor of Science in Computer Engineering	Level III Re-accredited
Bachelor of Science in Electrical Engineering	Level III Re-accredited
Bachelor of Science in Electronics Engineering	Level III Re-accredited
Bachelor of Industrial Technology	Level III Re-accredited
Bachelor of Science in Food Engineering	Level II Re-accredited
Bachelor of Science in Industrial Engineering	Level II Re-accredited
Bachelor of Science in Mechatronics Engineering	Level II Re-accredited
Bachelor of Science in Petroleum Engineering	Level II Re-accredited
Bachelor of Science in Sanitary Engineering	Level II Re-accredited
Bachelor of Science in Architecture	Level II Re-accredited
Bachelor of Fine Arts major in Visual Communication	Level II Re-accredited
Bachelor of Science in Interior Design	Level II Re-accredited
Bachelor of Science in Computer Science	Level II Re-accredited
Bachelor of Science in Information Technology	Level II Re-accredited

Undergraduate Programs	
Academic Programs	ABET- EAC / PTC EAC Status/Remarks
Bachelor of Science in Chemical Engineering	ABET EAC accredited until September 30, 2023 retroactive from Oct. 1, 2014.
Bachelor of Science in Civil Engineering	
Bachelor of Science in Computer Engineering	
Bachelor of Science in Electrical Engineering	PTC - EAC Scheduled for SSR Submission on February 2023, Tentative Visit on April 2023
Bachelor of Science in Electronics Engineering	
Bachelor of Science in Industrial Engineering	
Bachelor of Science in Mechanical Engineering	
Bachelor of Science in Sanitary Engineering	ABET CAC accredited until September 30, 2025, retroactive from Oct. 1, 2016.
Bachelor of Science in Computer Science	
Bachelor of Science in Information Technology	

Graduate Programs	
Academic Programs	Level
Doctor of Technology	Level II Re-accredited
Master of Science in Electronics Engineering	Level II Re-accredited
Master of Engineering	Level II Re-accredited
Master of Science in Computer Engineering	Level II Re-accredited
Master of Science in Computer Science	Level II Re-accredited
Master in Information Technology	Level II Re-accredited
Master of Technology	Level II Re-accredited
Master of Engineering Major in Electronics Engineering	Level II Re-accredited
Master of Engineering Major in Electrical Engineering	Level II Re-accredited
Master of Engineering Major in Computer Engineering	Level II Re-accredited
Master of Engineering Major in Chemical Engineering	Level II Re-accredited
Master of Engineering Major in Civil Engineering	Level II Re-accredited
Master of Engineering Major in Industrial Engineering	Level II Re-accredited
Master of Engineering Major in Mechanical Engineering	Level II Re-accredited

Extension Campuses

Balayan Campus

Undergraduate Programs	
Academic Programs	Level
Bachelor of Industrial Technology Major in Automotive Technology - Balayan	Level II Re-accredited <i>Effective</i>
Bachelor of Industrial Technology Major in Electrical Technology - Balayan	Level II Re-accredited <i>Effective</i>
Bachelor of Industrial Technology Major in Computer Technology - Balayan	Level II Re-accredited <i>Effective</i>
Bachelor of Industrial Technology Major in Instrumentation and Control Technology - Balayan	Level II Re-accredited <i>Effective</i>

Lobo Campus

Undergraduate Programs	
Academic Programs	Level
Bachelor of Science in Agriculture	Level I Accredited
Bachelor of Science in Forestry	Level I Accredited

Mabini Campus

Undergraduate Programs	
Academic Programs	Level
Bachelor of Science in Information Technology	Preliminary Survey Visit (PSV)

Offering Quality Education

ARASOF-Nasugbu

Undergraduate Programs	
Academic Programs	Level
Bachelor of Elementary Education	Level IV, Phase 2
Bachelor of Secondary Education	Level IV, Phase 2
Bachelor of Arts in Communication	Level III, Phase 2
Bachelor of Science in Psychology	Level III, Phase 2
Bachelor of Science in Information Technology	Level III, Phase 2
Bachelor of Science in Tourism Management	Level III, Phase 2
Bachelor of Science in Accountancy	Level III, Phase 2
Bachelor of Science in Hospitality Management	Level III, Phase 2

JPLPC-Malvar

Undergraduate Programs	
Academic Programs	Level
Bachelor of Science in Hospitality Management	Level III, Phase 2
Bachelor of Science in Business Administration major in Human Resource Management	Level III, Phase 2
Bachelor of Science in Business Administration major in Financial Management	Level III, Phase 2
Bachelor of Science in Business Administration major in Marketing Management	Level III, Phase 2
Bachelor of Science in Information Technology	Level III, Phase 2
Bachelor of Elementary Education	Level III, Phase 2
Bachelor of Secondary Education major in: English, Filipino and Mathematics	Level III, Phase 2
Bachelor of Secondary Education major in Sciences	Level III, Phase 2
Bachelor of Secondary Education major in Social Studies	Level III, Phase 2
Bachelor of Industrial Technology major in: Computer Technology Electrical Technology Mechanical Technology Mechatronics Technology Electronics Technology Food Technology	Level III, Phase 2
Bachelor of Science in Criminology	Level III, Phase 2
Bachelor of Science in Psychology	Level III, Phase 2
Bachelor of Physical Education	Preliminary Survey Visit (PSV)
Bachelor of Science in Tourism Management	Preliminary Survey Visit (PSV)

Lipa

Undergraduate Programs	
Academic Programs	Level
Bachelor of Science Business Administration Major in Human Resource Management	Level II
Bachelor of Science Business Administration Major in Marketing Management	Level II
Bachelor of Science in Management Accounting	Level II
Bachelor of Science in Psychology	Level II
Bachelor of Arts in Communication	Level II
Bachelor of Industrial Technology – Electrical Technology	Level II
Bachelor of Science in Industrial Engineering	Level I
Bachelor of Science in Computer Science	Level I



SDGs in the Governance

Our pledge to support UN SDGs

Spearheaded by the University President, Dr. Tirso A. Ronquillo, officials of the Batangas State University- The National Engineering University signed the pledge to support the 17 UN Sustainable Development Goals during the first-ever BatStateU Sustainability summit held on January 24, 2023.



This commitment signifies the strong encouragement of the University to all its stakeholders to take part in attaining the Global Goals. The university hopes that through the leaderships of the sustainability champions present in the ceremonial signing, future sustainability endeavors will be supported with great enthusiasm.





Annual Sustainability Summit

Batangas State University -The National Engineering University (BatStateU-The NEU) convened its first-ever Sustainability Summit with the theme “Usapang Sustainability: Upholding Sustainability Practices and Approaches in Higher Education.” The summit aimed to provide an overview of the Sustainable Development Goals (SDGs) and how they can be integrated into higher education curricula. It also served as a platform for BatStateU-The NEU to highlight its sustainability efforts, progress, gaps, challenges, and opportunities.



The Central Administration officials together with the keynote speaker, Dr. Reginald Ugaddan during the sustainability summit.



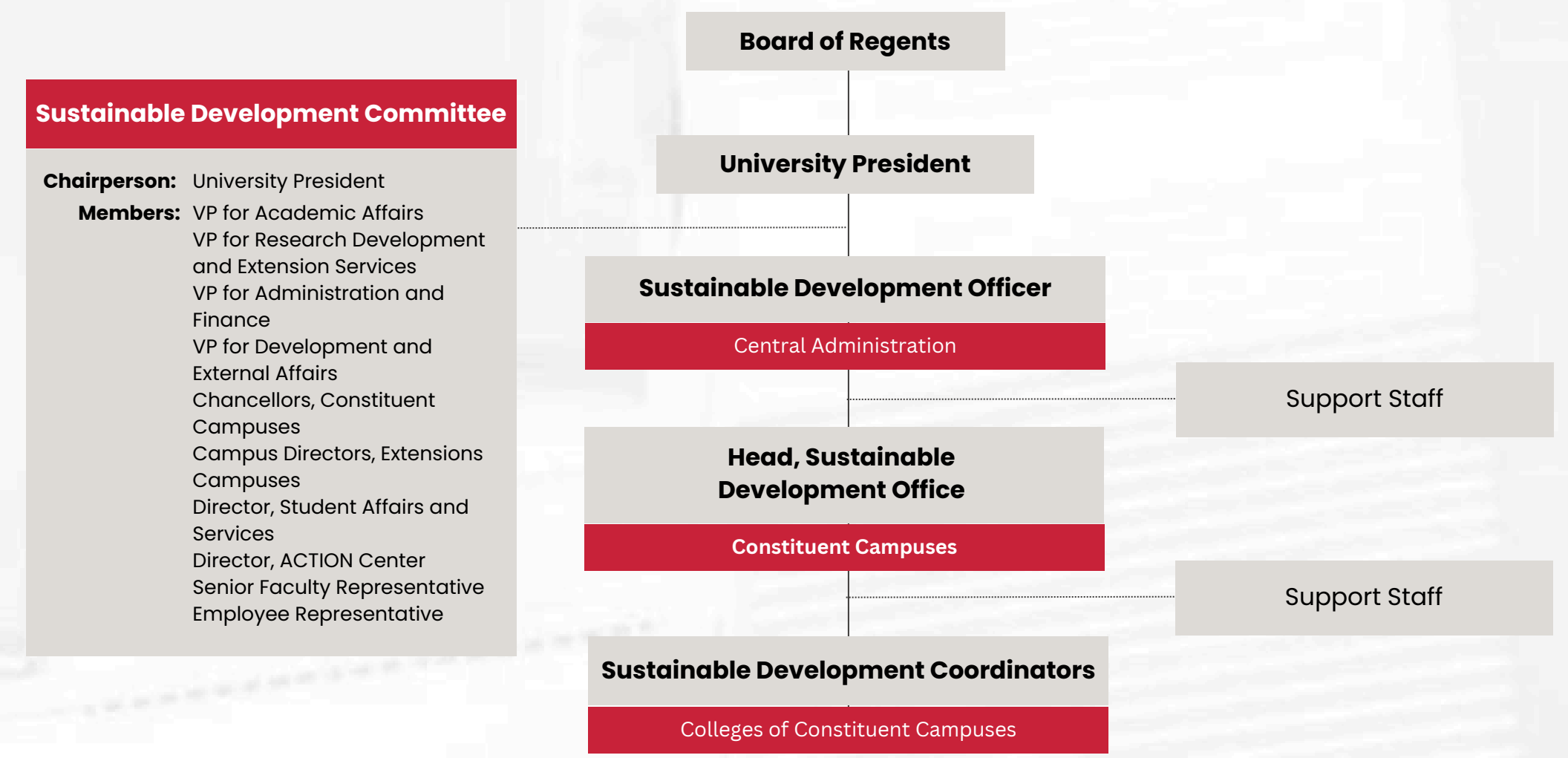
Dr. Reginald G. Ugaddan, Assistant Professor and College Secretary at the University of the Philippines-National College of Public Administration and Governance, one of the keynote speaker of the summit.



Dr. Vaberlie P. Mandane-Garcia, University's Sustainable Development Officer, facilitating the roundtable discussion for the campuses' plans and initiatives towards sustainability.



Governance Framework



The sustainable development governance framework at Batangas State University (BatStateU) is structured around the Center for Sustainable Development (CSD), which plays a central role in driving the institution's sustainability agenda. The governance framework includes key entities such as the Sustainable Development Office, led by campus-specific heads and supported by coordinators. Oversight is provided by the Sustainable Development Committee, which advises on the integration of sustainability across academic, research, and operational dimensions. This structure ensures consistent implementation and monitoring of the University's Sustainability Plan, with regular reporting and collaboration across departments.

Center for Sustainable Development



The Batangas State University-The National Engineering University as a Higher Education Institution recognizes the importance of sustainable development practices through education, governance and management, collaboration and innovation. It emanates from programs, projects, and processes of the University.

Hence to continuously champion such fundamental actions, BatStateU-The NEU established the Center for Sustainable Development (CSD) in 2022 with the goal of supporting regional and global initiatives aimed at meeting the United Nations' 17 Sustainable Development Goals.

The primary responsibility of CSD is to ensure that sustainability is an essential component of university's core duties of instruction, research, innovation and extension services, as well as its general administrative and general support services functions.

Sustainability-Related Policies

Aside from the approved BatStateU's Policy Guidelines for Sustainable Development, university memorandums are also in place to ensure that sustainable practices are integrated into campuses' operations.



OUP Memorandum Order No. 323 S. 2023

This memorandum outlines the guidelines for posting announcements and greetings to align with the university's sustainability objectives. To minimize environmental impact, the use of tarpaulins and other non-biodegradable materials for information dissemination is strictly prohibited, except where permitted by applicable laws or regulations.

For physical postings, only biodegradable materials are to be used. These must be displayed exclusively on designated bulletin boards and require prior authorization from the relevant university offices. Similarly, digital postings, including those on view boards, LED screens, and social media platforms, must also receive appropriate approval.

These guidelines reflect the university's commitment to promoting sustainability and maintaining cleanliness across campus through responsible communication practices.

164 requests of digital posting approved

Approx. 164 tarpaulins



OUP Memorandum Order No. 374 S. 2023

This memorandum aims to minimize the use of single-use plastics within the university premises. The memo encourages all members of the university community to use reusable items instead of disposable plastic products. Through this, the university seeks to create a more sustainable campus environment.

To ensure successful implementation, the memorandum emphasizes the need for specific guidelines, enforcement mechanisms, education and awareness campaigns, partnerships, and ongoing monitoring. By addressing these aspects, the university aims to reduce its reliance on single-use plastics and contribute to a greener campus.



Canteen concessionaires provide reusable dining ware. Students are encouraged to do the same, and water refilling stations are available on campus.

Memorandum Order No. 313 S. 2023

This memo outlines the guidelines for the Zero-Waste Pablo Borbon project. This initiative aims to reduce non-biodegradable waste on campus in alignment with the Sustainable Development Goals (SDGs).

The memo mandates the use of reusable items like tumblers, lunchboxes, and bags, and prohibits disposable utensils, containers, and packaging. Additionally, it restricts the use of one-time use decorations and non-biodegradable items in student activities.



BatStateU Rosario give away reusable lunchboxes to students.



200 Zero-Waste Eco Bags Given Away!

BatStateU Pablo Borbon give away 200 eco-bags during the Barakahan where MSMEs are invited to the campus to sell their local products.

Every Friday, individuals are required to bring their own reusable items like tumblers, lunchboxes, and bags when purchasing food from the university canteen. Disposable utensils and containers are strictly prohibited. Additionally, food delivery and take-out food items with disposable packaging are not allowed on campus.



Food scraps are collected in the canteen to be composted.

24,569

students belonging to low-income families who receive financial aid

Student Services

Out of 25,183 students who received financial assistance from the government, external partners and university scholarship, **97.56% belong to low-income families.**



SCHOLARSHIP PROGRAM	FUNDING	NUMBER OF BENEFICIARIES	SCHOLARSHIP PROGRAM	FUNDING	NUMBER OF BENEFICIARIES
Elementary and High School			Local Government Scholarship		
Entrance Valedictorian - Integrated School	Internal	1	Batangas Provincial Scholarship Program	External	10,302
Enhanced Benefit for Qualified Dependent of BatStateU Faculty and Personnel	Internal	84	Batangas City Government Scholarship Program	External	3,754
Institutional Scholarship Program			Private Scholarship Program		
BatStateU - TNEU 120th Anniversary Financial Assistance Program	Internal	120	Batangueños USA, Inc.	External	5
BatStateU Scholarship Program for Graduate School			Fastech Advanced Assembly Inc.	External	40
Government Officials and Employee of other Government Institutions / Agencies other than Batangas State University	Internal	122	First GEN Corporation	External	23
BatStateU Alumni	Internal	145	Gokongwei Brothers Foundation, Inc.	External	42
National Government Scholarship			IBIDEN Philippines Inc.	External	12
CHED Tulong Dunong Program - TES	External	3,127	ICTSI Foundation, Inc.	External	5
CHED - Full State Scholarship Program	External	59	Luis Co Chi Kiat Foundation, Inc.	External	11
CHED - Half State Scholarship Program	External	126	Malampaya Foundation, Inc.	External	10
Department of Science and Technology	External	1,168	Manila Electric Company	External	6
CHED Student Monetary Assistance for Recovery and Transition (SMART)	External	278	Metro Infanta Foundation	External	1
CHED Scholarship Program for Coconut Farmers and their Families (CoScho)	External	44	MODAIR Manila Co. Ltd., Inc.	External	11
Tertiary Education Subsidy	External	4,966	Philippine S&T Development Foundation-Manila, Inc.	External	27
Tulong Dunong Program - SUC	External	528	Pilipinas Shell Foundation Inc. (STEP)	External	35
			PLDT - Smart Foundation, Inc.	External	19
			Real Life Foundation, Inc.	External	37
			Rotary Club of Metro Ibaan	External	1
			Sakamoto Yakuhin Cogyo Co.Ltd	External	8
			San Miguel Foundation, Inc.	External	25
			SEM - Calaca Power Corporation	External	31
			Soroptimist International	External	1
			Batangas Premier	External	1
			UAMPhilippines, Inc.	External	4

Institutional Student Support



Educational Assistance

1,822

students receive educational assistance through AICS program

A total of 1,822 low-income students were given educational assistance in partnership of the university with DSWD-Assistance to Individuals in Crisis Situations (AICS) program. Each student received Php 5,000.00 cash to cover their educational expenses.

Student Assistantship

119

low-income students hired as student assistants

As part of the university's support to students from low-income families, the Office of Student Organizations prioritized hiring them. For the FY 2023, a total of Php 421,487.25 was allocated for the salary of the student assistants

Cash for Work Program

254

low-income students provided short-term employment through Cash for Work program

A total of 254 low-income students were given short-term employment under the Cash for Work program. In exchange for the work rendered, recipients are provided with cash to meet their requirement for food and other basic necessities. For FY 2023, a total of Php 2,000,440.00 were given to the CFW beneficiaries.

One-time Financial Assistance

528

low-income students were given one-time financial assistance

A total of 528 low-income students were given one-time financial assistance of Php 7,500 each to alleviate the cost of pursuing a college degree. A total of Php 3,960,000 were given to the students during the first and second semester of academic year 2023-2024.

Transportation Assistance

68

low-income students were given transportation allowance in participating sports competition

Vehicle Support

269

students given vehicle's support

Across the five constituent campuses, a total of 269 students were able to utilize the university vehicles for the conduct of students activities.

Scholarship Program

120

low-income students were awarded BatStateU The NEU 120th Financial Assistance Program

Across the five constituent campuses, a total of 120 students were awarded financial assistance of three thousand pesos per month (Php 3,000.00) including midterm period as prescribed in the curriculum which shall be given on a monthly basis. A total of Php 17,280,000.00 were allocated by the University for this program.

Legal Assistance

26

students assisted by the Legal Office

During the course of student's deployment for their On-the-Job training, a total of 26 students were assisted by the Legal Office for the completion of their Memorandum of Agreement with the companies where they will be deployed. This assistance is offered by the On-the-Job Training Office to ensure that all students will be able to comply with the requirements needed for OJT deployment.

Assistance to Foreign Students

35

foreign students from low to lower middle income countries assisted

Foreign students from Nigeria, India, Congo, Papua New Guinea, and Rwanda were assisted by the University in their visa application to stay and study in the country.

Hunger Intervention

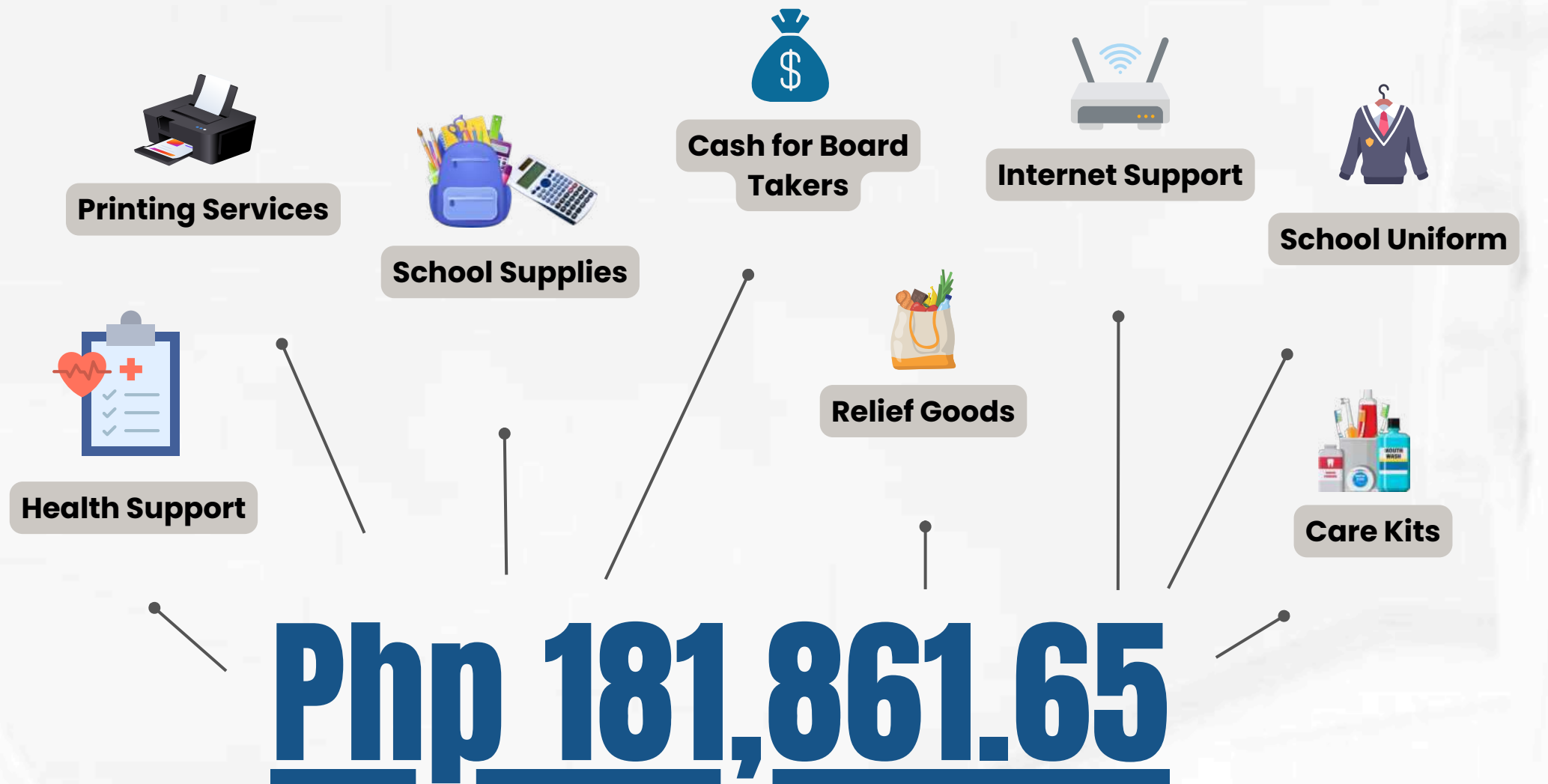
600

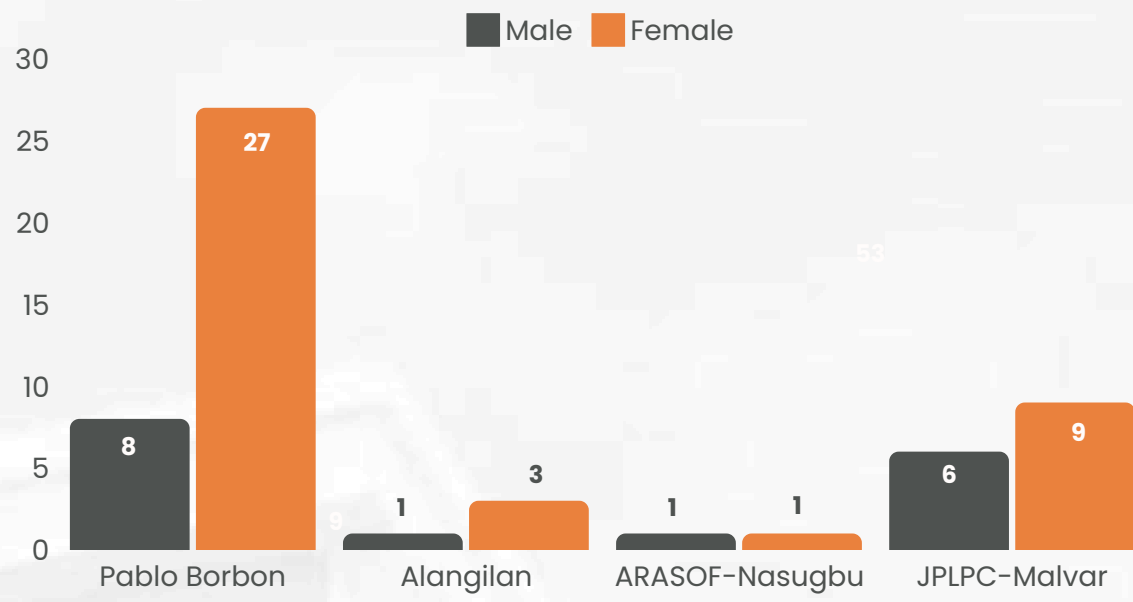
low-income students were provided meal subsidy

A total of 600 low-income students receive a meal subsidy from campus concessionaires in a form of lunch, snacks, and free drinks.

Student-Led Support

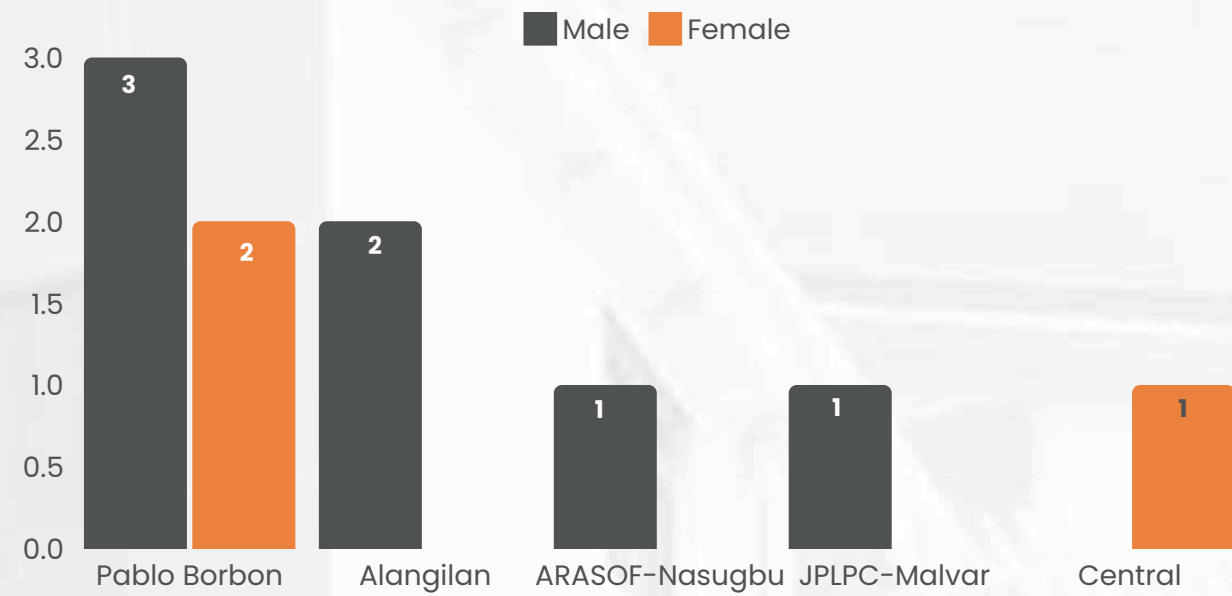
BatStateU's eleven campuses, through their respective student organizations, implemented various initiatives to aid fellow students. These efforts, as reflected in consolidated reports, totaled Php 181,861.65 in student-funded support.





Distribution of PWD Students across BatStateU Campuses

In 2023, BatStateU The NEU has a total number of 56 PWD students. This comprise of 0.10% of the total student population. There are 40 PWD female students and 16 PWD male students.



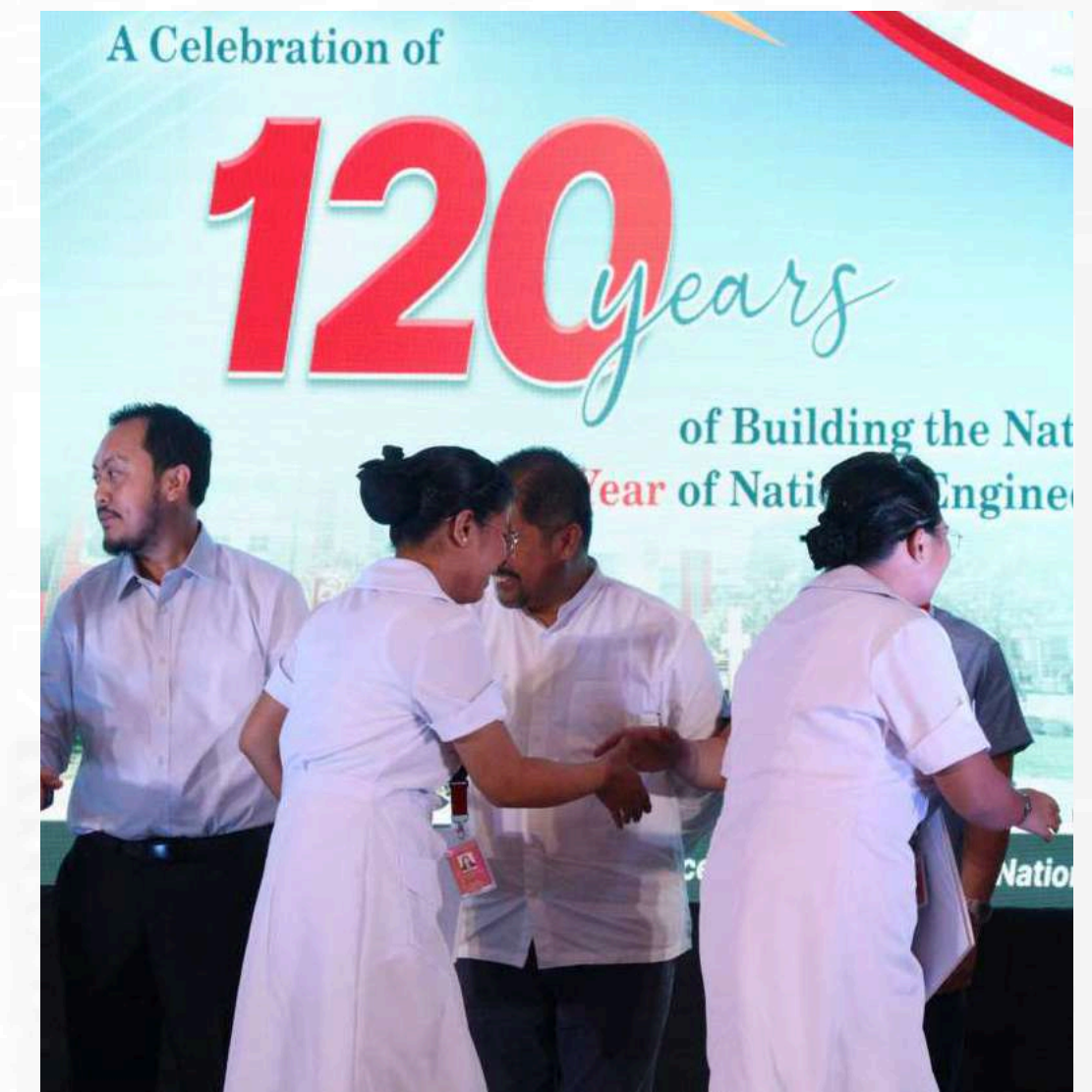
Distribution of PWD Employees across BatStateU Campuses

In 2023, BatStateU The NEU has a total number of 10 PWD employees. This comprise of 0.32% of the total employee population. There are 3 PWD female employees and 7 PWD male employees.

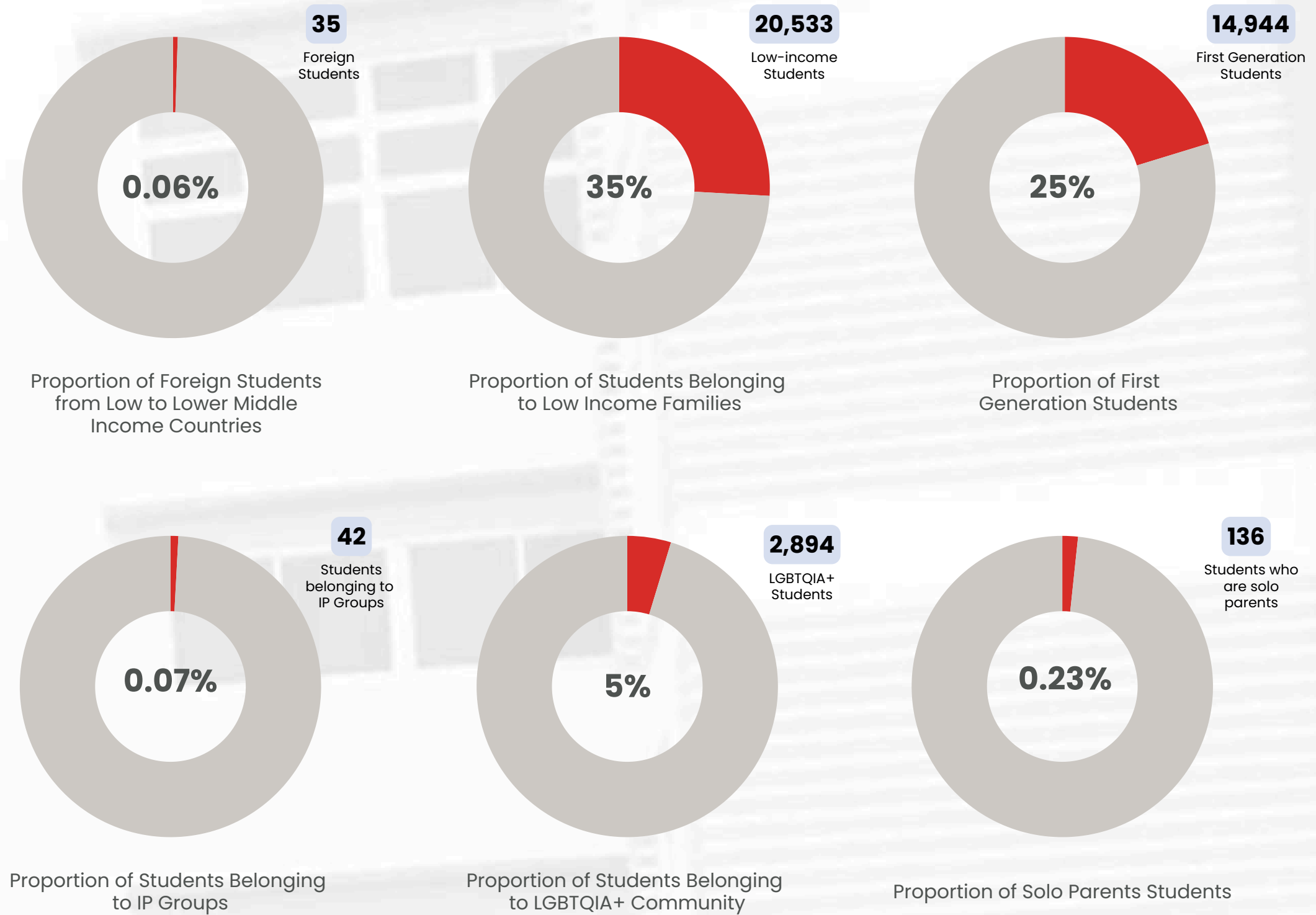
BatStateU The NEU launches 120th Anniversary Financial Assistance Program

On its 120th Founding Anniversary, BatStateU The NEU launched a financial assistance program for 120 first year STEM students across all campuses belonging to low income families.

This initiative provides a Php 15,000.00 financial assistance per semester to support students throughout their academic journey. This program is designed to help ensure timely graduation.



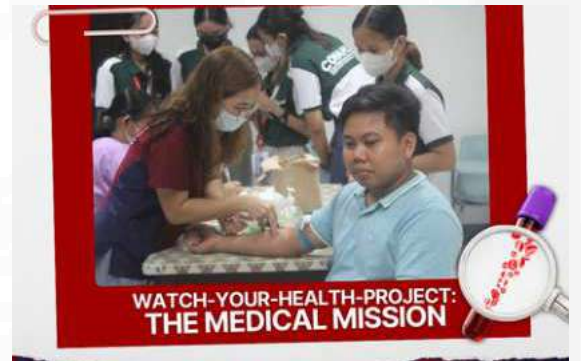
Inclusive Access





FACAS, PMEDSS champion proactive healthcare for faculty and staff

BatStateU – The NEU's 120th founding anniversary was marked by a commitment to community health and well-being. The Faculty Association – Pablo Borbon Campus (FACAS) and the Pre-Medical Students Society (PMEDSS), in partnership with F.G. Alviar Diagnostic Laboratory, Inc., organized the “Watch Your Health Project: The Medical Mission” on October 19.



The event offered free complete blood chemistry tests and eye check-ups to 63 participants. This initiative aimed to promote proactive healthcare and early detection of potential health issues.



As BatStateU – The NEU continues to celebrate its rich history, the university remains dedicated to providing holistic support to its students, faculty, and staff.

Employee Support

Leave Privileges

Type of Leave	Number of Availed Leave	Equivalent Amount
Maternity Leave	10	Php 1,203,573.33
Paternity Leave	6	Php 81,066.15
Solo Parent Leave	6	Php 33,634.44
Special Leave for Women	4	Php 190,140.93
Total equivalent amount to availed privileges:		Php 1,508,414.85

University Expenditure

Php 2,407,561,899.48

University expenditure for staff costs and other operating expenses

During the Fiscal Year (FY) 2023, BatStateU-The NEU allotted 83.65% of the university expenditure to staffing costs (salaries, bonuses, clothing and uniform allowance, cash gifts, incentives, statutory benefits and others), other professional services, janitorial services, security services, other general services, training and scholarship expenses.

Php 2,877,986,811.98

Total University Expenditure

83.65%

67

Learning and Development Trainings

BatStateU HRMO empowers its workforce through targeted learning and development programs. By investing in its people, the HRMO ensures a skilled and motivated team capable of driving institutional excellence.

Campus	Learning and Development Trainings
Central Administration	6
Pablo Borbon	25
Alangilan	27
ARASOF-Nasugbu	2
Lipa	7

SDGs in the Instruction



Curriculum and Instruction holds 3-day workshop to revitalize University's curriculum

The seminar-workshop focused on the revitalization of the key concepts of Outcome-Based Education (OBE) framework, course mapping, and preparation of the curricular program and course syllabus which is adaptive and parallel to the present needs of the academe, placement and integration of the Conceive-Design-Implement-Operate (CDIO) in non-engineering fields and integration of sustainable development principles and skills, peace studies/education and indigenous people studies/education and gender and development in the curriculum.



SDGs streamlining in the Engineering Curriculum

Through a focused group discussion led by the Center for Innovation in Engineering Education in partnership with the College of Engineering and Sustainable Development Office, BatStateU-TNEU aimed to align engineering education with global challenges by streamlining the SDGs into the curriculum. This effort nurtured students' capacity to envision and engineer a sustainable future. Through curriculum-based learnings related to the SDGs' simplification, students will be better equipped to generate original ideas by comprehending the connection between technology and societal well-being. Furthermore, this growth leverages the university's prestige to advance national engineering education toward comprehensive and cutting-edge methodologies.



CTE graduate students to promote accessible education through SDGs

With over 400 public and private school teachers and administrators, College of Teacher Education successfully held a webinar on Sustainable Development Goals (SDGs) focused on revitalizing graduate students' awareness of the SDGs with a special emphasis on fostering accessible and quality education for learners in the 21st century.

The event's success underscores the growing interest among graduate students in advocating for sustainable development and demonstrates their commitment to shaping a brighter and more equitable future for the next generation of learners.

Futures Thinking with BatStateU Microcredentials

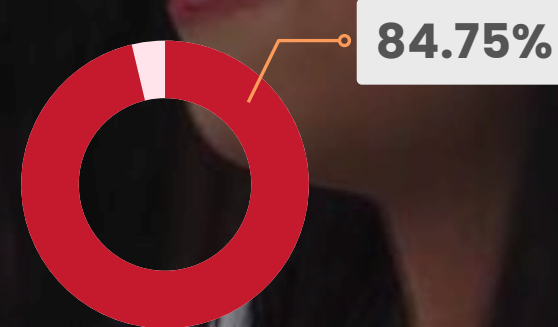


The Center for Innovation in Engineering Education, in partnership with CIM Technology Inc., CISCO, and Geodata Systems Technologies, convened a meeting on June 21-23, 2023, to discuss the enhancement of the Micro-Credentialing program. The goal was to ensure continuous improvement and the evolution of high-quality education. The meeting began with a review of the progress made during previous online and in-person sessions. Subsequently, participants discussed the most effective approach for developing the necessary course outlines and modules. Faculty members were invited to participate as they would be instrumental in creating the modules for the micro-credential courses. The designated individuals for each course successfully collaborated with industry partners to develop the modules and finalize the course outlines.

Graduates

10,660

The data reveals that more females have graduated in 2022 with 8.4 percent higher rate than male graduates.



Of the total 12,578 applicants for graduation, 84.75% (10,660) qualifies for graduation.

No. of male applicants and graduates



The data shows that 79.6 percent (3,893) of male applicants successfully graduated.

No. of female applicants and graduates



The data shows that 88 percent (6,767) of female applicants successfully graduated.

University Passing Rate

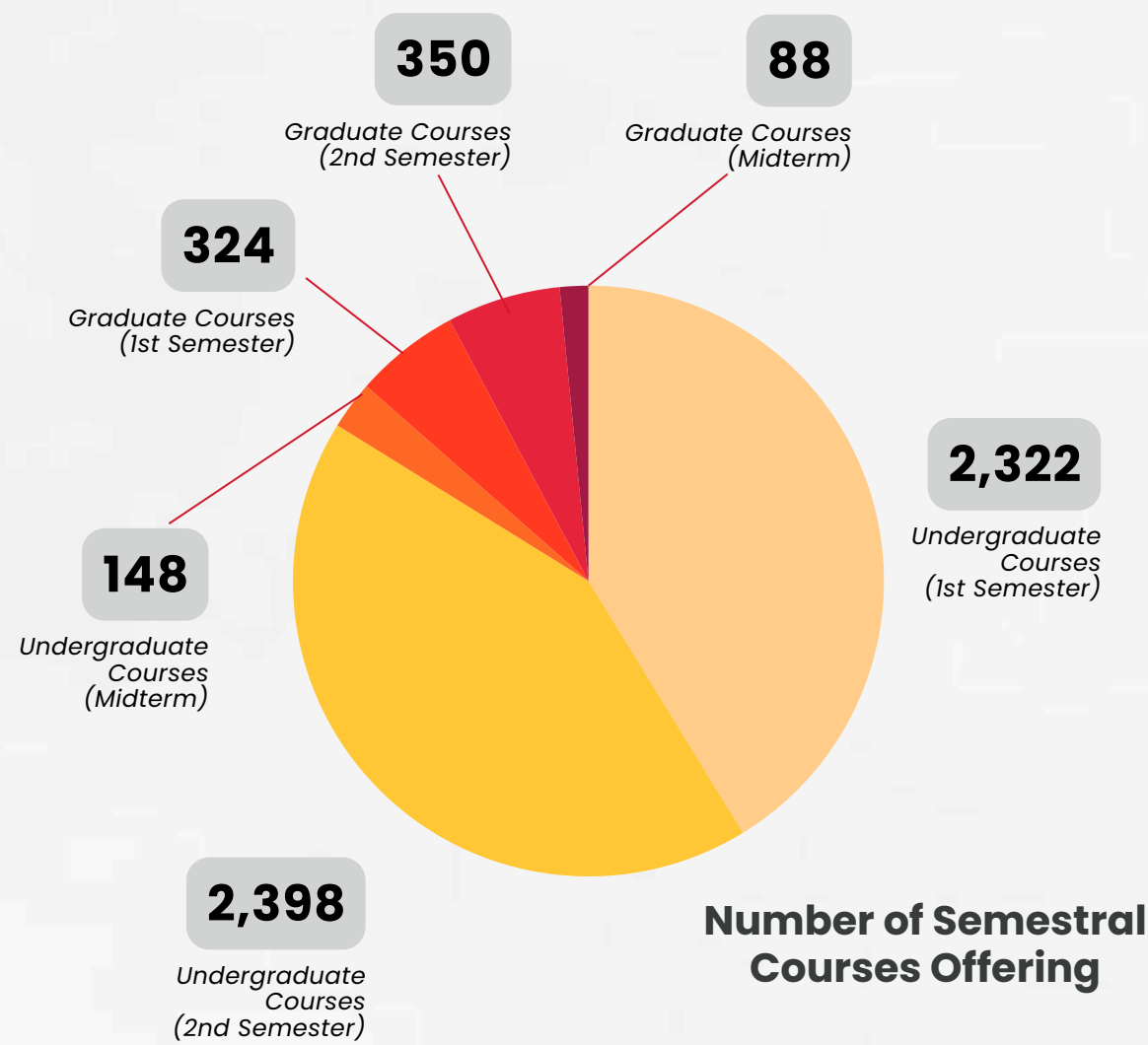
ON PROGRAMS WITH LICENSURE EXAMINATION (FY 2023)

PROGRAM	Passers	Takers	Passing Rate
Bachelor of Elementary Education	188	244	77.05%
Bachelor of Secondary Education	1,105	1,580	69.94%
Bachelor of Science in Accountancy	36	113	31.86%
Bachelor of Science in Custom Administration	127	156	81.41%
Bachelor of Science in Criminology	6	29	20.69%
Bachelor of Science in Chemistry	22	44	50.0%
Bachelor of Science in Psychology	79	115	68.70%
Bachelor of Science in Nutrition and Dietetics	28	34	82.35%
Bachelor of Science in Nursing	150	176	85.23%
Bachelor of Science in Chemical Engineering	94	128	73.44%
Bachelor of Science in Sanitary Engineering	44	70	62.9%
Bachelor of Science in Mechanical Engineering	195	212	92.0%
Bachelor of Science in Electrical Engineering	122	166	73.49%
Bachelor of Science in Electronics Engineering	25	53	47.17%
Bachelor of Science in Civil Engineering	236	426	55.4%
Bachelor of Science in Agriculture	9	33	27.3%
Bachelor of Science in Forestry	2	5	40.0%
Bachelor of Science in Architecture	118	184	64.13%
Bachelor of Science in Interior Design	12	30	40.0%
Overall Passing Rate			68.40%

Commitment to Quality Education

Batangas State University - The National Engineering University (BatStateU-The NEU) demonstrated its commitment to providing quality education by producing 10 topnotchers across various professions in 2023. This achievement highlights the university's dedication to academic excellence and its ability to nurture future leaders.

LICENSURE EXAMINATION	Rank	Rating
Sanitary Engineering	5th	83.00%
Registered Master Electrician	6th	91.50%
Registered Master Electrician	9th	90.00%
Master Plumbers Special Professional	3rd	81.60%
Master Plumbers Special Professional	4th	81.50%
Chemical Engineering	9th	85.60%
Electronics Engineering	5th	86.90%
Nutritionist-Dietitian	9th	90.50%
Customs Broker	7th	89.25%
Customs Broker	8th	89.00%
Total Number of Topnotchers:		10



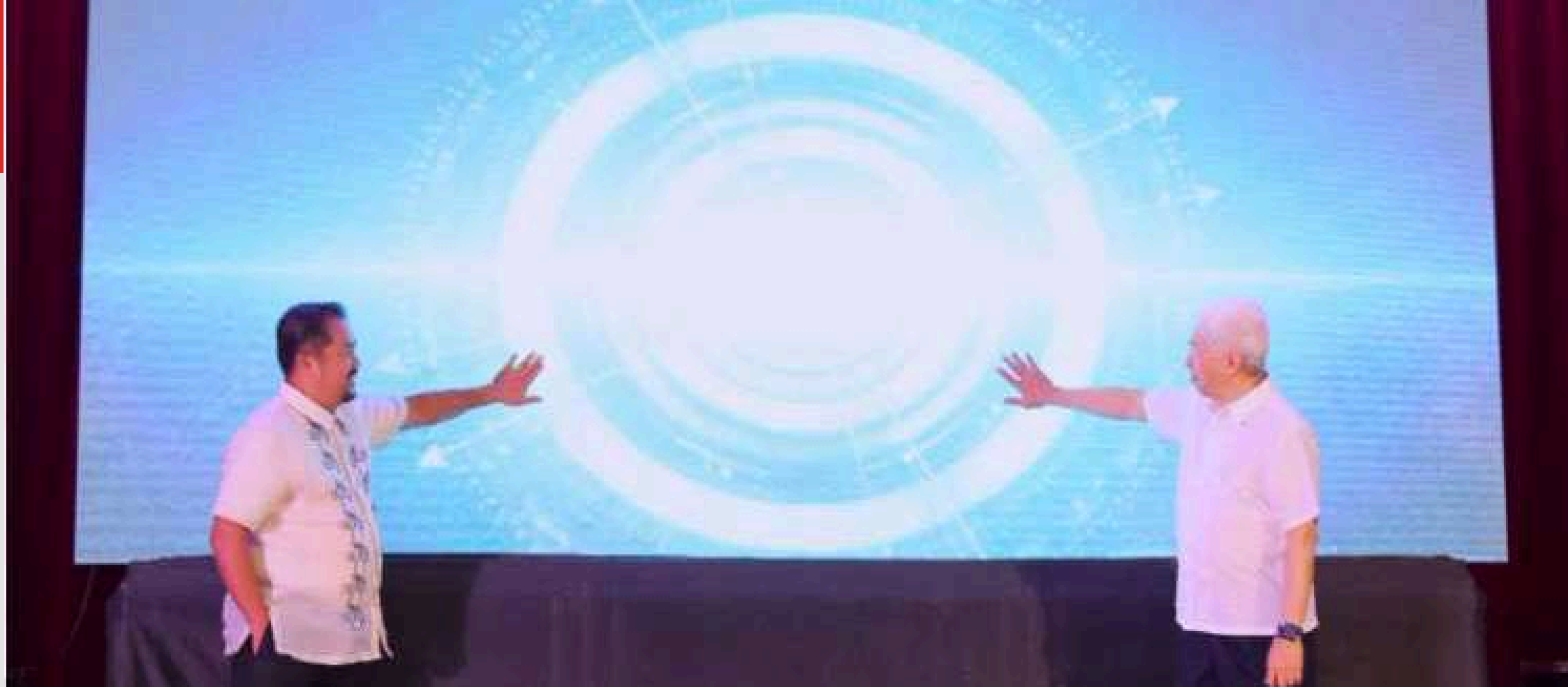
Sustainability Courses

41.22%

of courses offered have integrated sustainable development concepts

The university have been mainstreaming sustainable development in its curriculum across different programs. This is more evident in the courses aligned with environmental sustainability.

In 2023, **2,321 courses out of 5,630 offered have integrated sustainability concepts** in the subject content, pedagogies, assessment strategies and student outputs.



Unveiling the future of transformative learning: GUILD Summit 2023 launches BatStateU Microcredentialing Program

On October 14, the Government-University-Industry Leaders' (GUILD) Summit 2023 set the stage for a pioneering era in transformative leadership as Batangas State University The NEU, unveiled its Microcredentialing Program. This event marks a paradigm shift in education and career development, offering a range of cutting-edge industry microcredential courses.

The BatStateU Industry Microcredentials allows learners to upskill through specific, innovative, and high quality courses, ensuring that their learning is targeted and effective. What sets these microcredentials apart is its industry relevance being co-developed and co-delivered by the University with the industry, thereby offering competencies highly valued in the job market and making graduates more competitive. Learners earn verifiable digital badges upon completion, granting them a distinct advantage in their professional journey. Parallel to this, microcredentials empower individuals to personalize their career pathways with stackable and flexible options that align with their unique goals and ambitions.

The portfolio of programs comprises a diverse range of fields, spanning from Data Science, Cybersecurity, and Internet of Things to Building Information Modelling, Geographic Information System, and Construction Project Planning, among others. The launching of the program was joined by Hon. Alfredo Pascual, Secretary of the Department of Trade and Industry. University's partners include Microsoft PH, CGTD, Inc., CISCO Philippines, Geodata Systems Technologies, Inc., and CIM Technologies, Inc.



We are proud to partner with leaders in the industry who share our vision for a more dynamic and competitive workforce. Together, we are unveiling the future of transformative learning."

Dr. Tirso A. Ronquillo
University President



Leading Sustainable Innovation



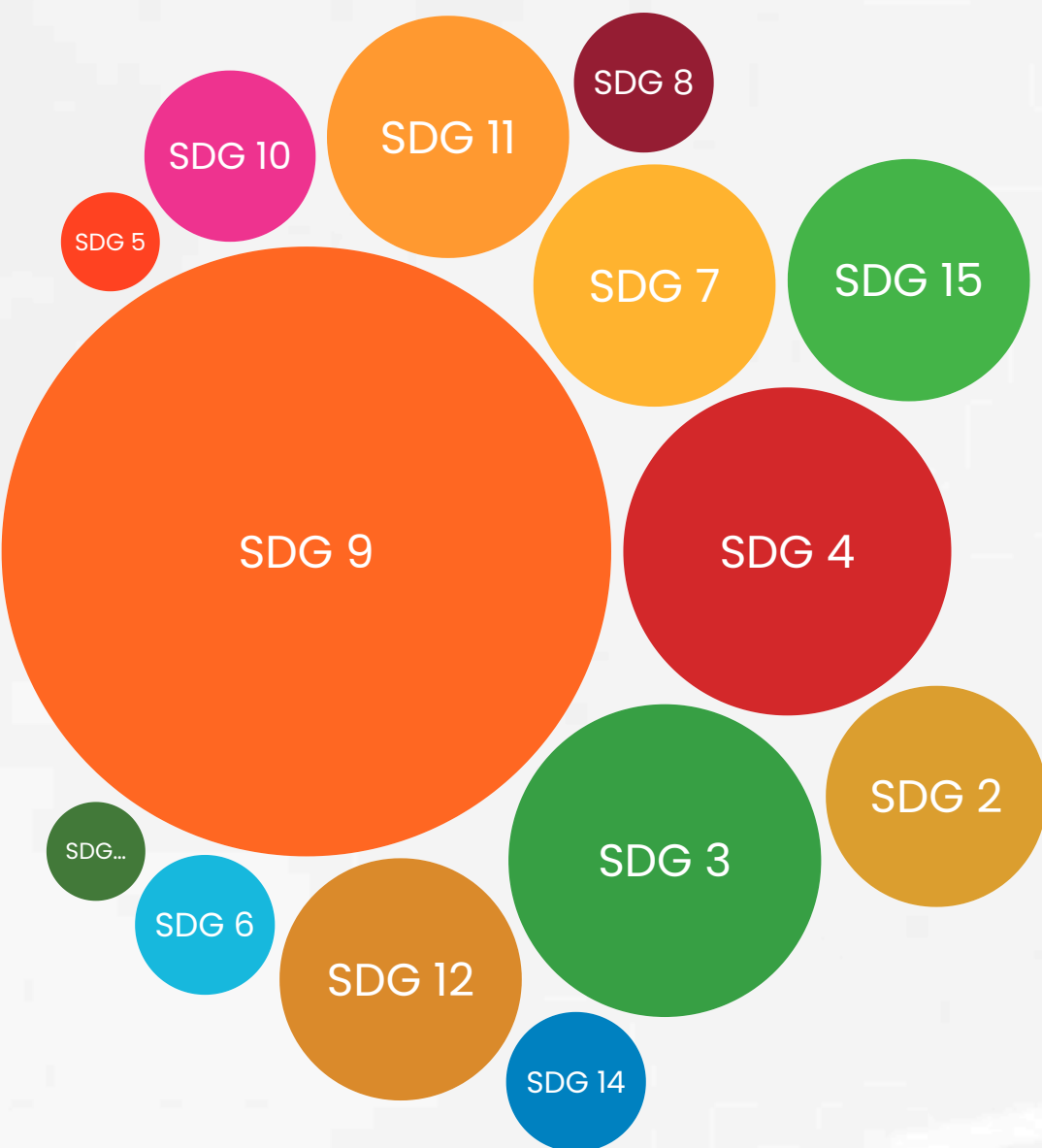
Pili Seal Team clinches 2nd Prize at RS Innovation Competition with groundbreaking sustainable aviation innovation

A team of talented engineers, led by Engr. Mark Kennedy E. Bantugon of Mapúa University, and supported by his siblings Engr. Michelle Kae Celine Jo-anne E. Bantugon (BatStateU alumna) and Mark Kent E. Bantugon (BatStateU IT student), has unveiled a groundbreaking innovation to revolutionize the aviation industry.

Their creation, the Pili Seal, is a revolutionary sealant derived from the waste of pili tree resin. This eco-friendly solution addresses a pressing environmental concern while offering exceptional performance. The two-component sealant boasts superior durability, resisting exposure to fuels, lubricants, oils, water, and weathering.

The team's dedication to sustainability was recognized at the RS Innovators Championship, a prestigious global competition. The Pili Seal secured second prize, impressing judges with its ingenuity and resourcefulness. This innovative solution aligns with the 3Ps: People, Planet, and Profit, demonstrating its potential to significantly reduce the aviation industry's carbon footprint.





In 2023, BatStateU published 65 SDG-related research papers, a significant 53% increase from the previous year. SDG 9: Industry, Innovation, and Infrastructure was the primary focus, accounting for 38% of all publications. This aligns with the university's emphasis on innovation-driven research as a National Engineering University. SDG 4: Quality Education and SDG 3: Good Health and Well-being followed, each comprising 11% and 10% of the total publications, respectively.

Proportion of Research Fund for Sustainability Research

91.77%

of total university research fund is dedicated to researches addressing sustainability

Php 153,340,293.78

Total Research Fund for Sustainability Research

Php 167,096,093.78

Total University Research Fund (FY 2023)

SDGs in Research



BatStateU drives sustainable development through 6th IRCIEST

On November 22–24, 2023, Batangas State University (BatStateU) successfully hosted the 6th International Research Conference on Innovations in Engineering, Science, and Technology (IRCIEST). The conference, themed "Propelling Transformations Accelerating Reforms through Research and Innovations," brought together researchers, academics, industry professionals, and students from around the globe to discuss innovative solutions for sustainable development.

Participants shared their latest findings and insights on a wide range of topics, including renewable energy, sustainable agriculture, smart cities, and circular economy. BatStateU President, Dr. Tirso A. Ronquillo, emphasized the university's commitment to fostering a culture of innovation and sustainability.

The conference highlighted the role of interdisciplinary collaboration in addressing global challenges. Participants stressed the importance of working together across different fields to develop effective solutions.



BatStateU conducts first Pride Month Student Research Forum



Yellow is the color of Pride Month 2023 celebration at Batangas State University-The National Engineering University.

This is as the research entitled Dilaw na Bukang Liwayway: Exploring the Lived Experiences of Person Living with HIV/AIDS swept all major categories including Best Research Paper, Best Research Presentation and Best Research Poster during the first-ever KAAGAPAY: A Pride Month Student Research Forum, June 27, 2023.

The research, undertaken by a team of researchers from the Bachelor of Science (BS) in Psychology program at BatStateU Pablo Borbon Campus, has garnered recognition for its comprehensive analysis of the challenges and experiences faced by individuals living with HIV/AIDS. The study stood out, clinching awards in key segments including Best Research Paper, Best Research Presentation, and Best Research Poster.

Other researches that bagged awards:

- Wala na si Tatay: Life Narratives of Gays in the Absence of their Late Fathers
- Inside the SpACeTrum: Affirming Narrative Experiences of Publicly-Identifying Filipino Asexuals
- The Lived Experiences of Batangueños with HIV during the Pandemic

The success of the research forum shows the role that academic endeavors play in advancing societal understanding and support for marginalized communities. The team's dedication to sharing the facets of HIV/AIDS experiences has not only earned them well-deserved recognition but has also contributed to a greater awareness of the challenges faced by PLWHAs. As society continues its journey toward inclusivity and understanding, studies like "Dilaw na Bukang Liwayway" stand as beacons of hope, guiding the way toward a more compassionate and enlightened future.

The KAAGAPAY: A Pride Month Student Research Forum is a partnership between the Social Innovation Research Center and the Gender and Development Advocacies Office-Central of the BatStateU The NEU.

SDG-related Researches

During FY 2023, the university conducted research projects, both institutionally and externally funded, designed to address the challenges outlined in the Global Goals.



The MIND Project

Mental Health Initiatives, Nurturance, and Development

The MIND Project, a 2023 research initiative by BatStateU, aimed to develop an intervention framework for student, teaching, and non-teaching staff well-being. Aligned with the Mental Health Law, the study assessed mental health status using the DASS-42 among 3,051 students, 343 teaching personnel, and 93 non-teaching personnel across 11 campuses. Findings revealed varying mental health levels, with students reporting higher depression and stress, while teaching and non-teaching staff generally exhibited normal levels. Based on these insights, the MIND Project proposes a three-tiered intervention program to provide tailored support for individuals experiencing mental health concerns. The project serves as a model for other institutions, demonstrating a commitment to mental health prioritization and supportive environments.

Authors: Albert M. Arcega, Marie Grace D. Alea, Myra A. Bersato, Dianne S. Cullar, Lucille D. Evangelista, Ar-jay D. Perez



MR. Tour Guide

A Cultural Adaptive Mapping Platform using Mixed Reality

The study aimed to develop a Virtual Reality and Augmented Reality application of various heritage sites in Batangas to enhance the experience of tourists. The project is a collaboration between Batangas State University and the tourism office. The application can be a great investment to develop as it could invite income in the tourism sector. The data and profile to be collected and analyzed could be a great help in the conservation and protection initiatives of interested parties.

Authors: Albertson D. Amante; Paul Isaac C. De Chavez; John Richard M. Esguerra; Mark Emmanuel S. Magsino; John Paul Heje; and James Booz Manumbale



Read to Succeed:

Implementing and Sustaining an Effective Reading Remediation Program

The study aimed to implement a reading remediation program for Grade 1 pupils in Malvar, Batangas to enhance their reading skills. The study identified 166 non-readers and developed three interactive phonics reading materials: Alpabeto board, Puzzle Box, and Pantig Blocks. The materials were found to be cost-effective and effective in enhancing reading skills. The integration of these materials into the Read to Succeed Reading Remediation Program resulted in a significant improvement in the reading levels of pupils. The study recommends measures to ensure the sustainability and effectiveness of the program.

Authors: Richard M. Bañez, Rageene Vera D. Dueñas, Genalyn P. Lualhati



Adaptation and Mitigation Initiative in Agriculture

Enterprise Development and Organization of Professional Management Team

The Philippines, a heavily agriculture-dependent country, faces significant climate change risks due to its vulnerability to natural hazards. Climate change threatens the livelihoods of millions of Filipinos employed in agriculture, as evidenced by rising sea levels, extreme weather events, and temperature fluctuations. To address these challenges, the Department of Agriculture has launched the AMIA program, which aims to enhance climate resilience in agri-fishery communities. Through initiatives like establishing enterprises and professional management teams, AMIA seeks to empower vulnerable communities and create alternative income sources, ultimately promoting resilience and economic growth in the face of climate change.

Authors: Rosenda M. Bronce, Irene H. Maralit, Teodorica G. Ani, Aquino M. De La Peña, Marielli Katherine C. Untalan, Emelie A. Ona



Design and Development

of Collapsible and Movable Solar Power Station for Irrigation System

The typhoon damages to irrigation systems in Lobo prompted many farmers to switch to livestock or non-farming jobs due to a lack of alternative water sources. To address this issue, a mobile and collapsible solar power station was proposed for irrigation systems in Lobo. This station can switch between different power sources, operate with or without a battery, and is made from durable materials. Its collapsible and mobile design allows for safe storage during typhoons.

Authors: Dr. Anton Louise De Ocampo, Melmar Eje



Biodiversity Mapping

of MPAs in Papaya, Nasugbu

This in Papaya, Nasugbu, Batangas, investigated the substrate cover and biodiversity across three Marine Protected Areas (MPAs): Santelmo, Pico de Loro, and Etayo. The study found that Santelmo had the highest coral cover at 50.28%, followed by Pico de Loro at 18.65% and Etayo at 13.41%. Etayo, however, had the highest macroalgae cover at 17.86%. In terms of biodiversity, Santelmo exhibited the highest diversity of hard coral genera with 22 genera. The study's findings, including detailed data on substrate cover, biodiversity, and geocoordinates, are now accessible to the public through a user-friendly website. This platform aims to promote public awareness and understanding of the coral reef ecosystem in the region.

Authors: Miguel Enrique Ma. Azcuna, Jonel Corral, Enrique Velasquez, Inocencio Madiaga Jr.



MBioAssess-VIP

Marine Biodiversity Assessment in Selected areas along the Verde Island Passage

The study aimed to assess the biodiversity of marine macrophyte and coral species in the Verde Island Passage (VIP). Previous assessments were limited and outdated. The study assessed 13 sites and found notable economically valuable seaweed species like *Ulva* sp., *Gelidiella acerosa*, and *Asparagopsis taxiformis*. Monitoring bloom-forming species like *Chaetomorpha vieillardii* is necessary. Monitoring sites with declining seagrass populations and diagnosing disturbances causing significant coral cover decline should be prioritized.

Authors: Jayvee A. Saco, Ph.D., Najee Arabelle M. Rula, M.Sc., Miguel Enrique Ma. A. Azcuna, Ph.D.



GEDS

GIS-based Emergency Displaced Persons System

The 2020 Taal Volcano eruption severely impacted Batangas and neighboring provinces, displacing over 846,000 individuals. The government faced challenges in monitoring and managing displaced persons due to the geographically dispersed damage caused by the eruption. To address these challenges, the GIS-based Emergency Displaced Persons Monitoring System (GEDS) was developed. GEDS is a web-based and mobile application that provides a real-time data-gathering mechanism for monitoring and managing displaced persons. The system offers a user-friendly interface, different access levels, and a mobile application for field responders. GEDS represents an important advancement in enhancing disaster response capabilities and ensuring a more effective and coordinated approach to mitigating the impact of emergencies.

Authors: Janice F. Peralta, Inocencio C. Madiaga, Jr., Jefril M. Amboy, Mirasol C. Dilay



SIGAW Tarlac:

Deployment of Solar Isotropic Generator of Acoustic Wave (SIGAW) with Food Sensing Capability for Mayantoc, Tarlac

The SIGAW, a solar-powered tsunami warning system, was developed by BatStateU in response to environmental concerns brought about by climate change. The system was initially deployed in Batangas with funding from the World Food Programme. Subsequently, it was deployed in Quezon with funding from DOST 4A. The goal of the project is to safeguard more lives in the event of a tsunami. The university is currently engaged in the maintenance of the units.

Authors: Dr. Tirso A. Ronquillo, Assoc. Prof. Albertson D. Amante, Dr. Gina R. Eje, Dr. Edcel Torralba, Dr. Albert Villena

Research Highlights

59 Institutionally funded Research Projects

Completed: 21
Ongoing: 38

29 Externally funded Research Projects

Completed: 12
Ongoing: 17

21 Research Outputs Utilized by Industry

Internal: 13
External: 8

72 Research Publications

Refereed: 7
Scopus/ISI: 65

54 Research Presentations

39 Research Collaborations

187 Intellectual Property Rights Filed and Registered

36% Faculty Involved in Research

115 People trained in Research

₱12.96M Research Grants Received

3,951 Students Trained in Technopreneurship

14 Startups / Incubatees Graduated



BatStateU partners with experts for healthcare innovation

On December 6-7, 2023, BatStateU hosted the TeknoLunas 2023 a collaborative event focused on advancing healthcare through technology. Under the theme "Propelling Health Transformations and Accelerating Reforms for National Development," experts from various fields gathered to discuss and showcase innovative medical solutions. BatStateU President Tirso A. Ronquillo emphasized the importance of such initiatives in driving progress in healthcare. The event featured talks, plenary sessions, and an exhibition of healthcare research projects. Key speakers shared insights into transforming the healthcare landscape in the Philippines. BatStateU also showcased its own research and innovation. The event concluded with an award ceremony recognizing outstanding exhibits. TeknoLunas 2023 was a collaborative effort aimed at driving healthcare innovation and translating research into practical benefits for communities, aligning with SDG 3: Good Health and Well-being.



Center for Technopreneurship and Innovation



Teaching Technopreneurship

Batangas State University (BatStateU) concluded a three-day workshop aimed at equipping faculty members with the skills to integrate technopreneurship into their teaching. The workshop, held from October 23 to 25, brought together 29 educators from various BatStateU campuses.

Through interactive sessions and hands-on activities, participants explored strategies to foster creativity and entrepreneurial thinking in their classrooms. The workshop's goal was to empower educators to revolutionize their teaching methods and inspire students to become technopreneurs.



Material Testing & Calibration Center



STEER Hub enhances energy efficiency with New Power Quality Analyzer

The Material Testing & Calibration Center (MTCC) has taken a significant step towards improving energy efficiency and operational reliability at the STEER Hub. On March 22, 2023, the center installed a state-of-the-art power quality analyzer (PQA) to monitor and analyze the electrical supply. This device, which was installed with the assistance of Chomar Unitrade Services Co. Ltd., was used to identify harmonic distortions and other issues that could affect the facility's operations.

The PQA ran continuously for a week, collecting data on the electrical supply. This data was then analyzed to identify potential problems and inform improvements to the electrical infrastructure. By analyzing power quality, MTCC aimed to prevent errors in electrical calibrators, mitigate disturbances, optimize energy consumption, and enhance overall reliability and safety. The insights gained from this installation will guide future improvements to the STEER Hub's electrical systems, setting an example for sustainable development.



Electronic Systems Research Center



ESRC Advances Development and Commercialization of Collapsible Solar Power Stations for Irrigation

In 2023, the Electronic Systems Research Center (ESRC) successfully completed two DOST-TAPI-funded projects.

The first project involved building a prototype collapsible solar power station for commercial use. The second project focused on commercializing a collapsible irrigation system. To achieve these goals, ESRC prepared necessary documents, purchased supplies, conducted market research, and established business relationships.



Manufacturing Research Center LIKHA-FAB LAB



Fab Labs Philippines showcases Makers' impact on SDGs

Fab Labs Philippines launched the 2023 Discover Makers Series to highlight the role of digital fabrication in achieving the Sustainable Development Goals (SDGs). The series, led by the Manufacturing Research Center of LIKHA Fablab, featured webinars focusing on themes like empowering individuals, preserving the planet, and enhancing infrastructure. Through these initiatives, Fab Labs across the Philippines demonstrated their commitment to fostering innovation, collaboration, and environmental stewardship.



Extension Services 12 Point Agenda

Batangas State University-The National Engineering University's Extension Services has 12 point agenda tailored to the curricular programs offered in its constituent and extension campuses. The University extension agenda addresses the 17 Sustainable Development Goals.

- BatStateU Inclusive Social Innovation for Regional Growth (BISIG)
- Livelihood and other Entrepreneurship related on Agri-Fisheries (LEAF)
- Environment and Natural Resources Conservation, Protection and Rehabilitation
- Smart Analytics and Engineering Innovation
- Adopt-a-Municipality / Adopt-a-Municipality / Social Development thru BIDANI Implementation
- Community Outreach
- Technical-Vocational Education and Training (TVET)
- Technology Transfer, and Adoption/Utilization
- Technical Assistance and Advisory Services
- Parents' Empowerment thru Social Development (PESODEV)
- Gender and Development
- Disaster Risk Reduction and Management and Disaster Preparedness and Response / Climate Change Adoption (DRRM and DPR / CCA)

SDGs in the Extension

Batangas State University-The National Engineering University's Extension Services focus on community engagement. Through outreach programs, knowledge sharing, and training workshops, they work towards achieving the Sustainable Development Goals. The university aims to promote sustainable development, technological advancement, and community empowerment, contributing to the global goals for a sustainable future.

520

Extension Programs, Projects, and Activities (PPAs)

155

Active Partnerships

LGUs, industries, NGOs, NGAs, SMEs, and other stakeholders

11,775

Personnel Trained

weighted by the length of training

16,724

Beneficiaries





BatStateU forum highlights the importance of SDGs in the extension services

With the goal of contextualizing and integrating sustainable development in the University's extension services, BatStateU-Pablo Borbon spearheaded by Extension Services Office (ESO) conducted a Faculty Extensionists General Assembly and Forum on March 28, 2023. The forum provided a discussion on volunteerism and intensifying gender mainstreaming in the Extension Service projects, programs and activities.

“ Our extension services has to transform the lives of the beneficiaries and continually impact their lives even if the extensionists have left them already.”

Dr. Vaberlie P. Mandane-Garcia
Director, Extension Services



The participants of Joint Humanitarian Entrepreneurship Summer Academy 2023 from Lingnan University and Batangas State University together with the BatStateU's President, Dr. Tirso A. Ronquillo.



BaStateU, LU partners for Joint Humanitarian Entrepreneurship Summer Academy

In a collaborative effort, twenty (20) students from Batangas State University (BatStateU-The NEU) and Lingnan University Hong Kong (LU), recently embarked on a two-week journey to develop impactful projects during the Joint Humanitarian Entrepreneurship Summer Academy. Held at BatStateU's Pablo Borbon Campus, the program aimed to localize inclusive business concepts and empower local communities.

The program, established through a partnership between LU and the Philippine Association of State Universities and Colleges (PASUC), aims to introduce and localize the concept of inclusive business (IB) within the university ecosystem.



One team focused on refining the WaterScope water testing system, ensuring safe water for communities. In Lobo, Batangas, another group enhanced a solar-powered irrigation system for farmers, seeking wider adoption and improvements. Additionally, students collaborated with the Bagong Silang San Juan, Batangas Farmers Association to rebrand and enhance their Choco-coated Banana Chips product.

This collaborative effort not only showcased students' innovation but also their commitment to socially responsible solutions. By working closely with communities and local institutions, these projects hold the potential to create lasting positive change.





Spearheaded by the Gender and Development Office, local MSMEs were invited in the campus to promote and sell their products and services.

Spartans Women's Month celebration concludes with Women's Fair

The month-long observance of the 2023 National Women's Month Celebration concluded with the Women's Fair held on March 28. With the theme "Women and Everyone: Empowerment through Innovation for Equality," the event aimed to promote and celebrate women's achievements, businesses, and entrepreneurship. Various adopters from extension communities including Baskagan ni Marites, Magpantay Home Made Candy, and Rosario Livestock and Agriculture Farming Cooperative were invited to market and sell their produced goods and products during the one-day fair.



CABEIHM and Extension Services host collaborative workshop for Nasugbu MSMEs



To create a more supportive environment for micro, small, and medium enterprises (MSMEs) in Nasugbu, Batangas, the College of Accountancy, Business, Economics and International Hospitality Management partnered with Extension Services to conduct a workshop on August 11, 2023.

The workshop brought together stakeholders from the local business community to discuss the challenges faced by MSMEs in the municipality. Participants shared their experiences and insights. By identifying and addressing these challenges, the workshop aimed to help MSMEs grow and thrive, contributing to the economic development of Nasugbu.

B A R A K A H A N

"Barakahan" is a Tagalog term commonly used in Batangas to describe a local community market or food park where people can purchase products directly from businesses.



BatStateU Pablo Borbon Campus hosted the Barakahan 2.0: Paskuhan sa Galauran on December 4, 2023. The event was part of Tanglaw 2023, the university's Christmas Season Celebration, and aimed to support local micro-enterprises and artisans while promoting sustainability and strengthening rural communities.

Seventeen (17) MSMEs and six (6) student organization booths participated in the event, offering a variety of fresh, organic products and handicrafts for attendees to purchase. Barakahan 2.0 provided a platform for local businesses to thrive. The event also highlighted the importance of supporting sustainable and ethical practices.

265 Local MSMEs supported

BatStateU empowers local MSMEs through Trade Fair 2023

As part of the celebration of Innovation Month, BatStateU organized a two-day Trade Fair and Tech Exhibit 2023 aimed at supporting local Micro, Small, and medium-sized Enterprises (MSMEs).

Aside from the product and services promotion, the Trade Fair also featured informative lectures on various topics, including technology transfer, commercialization, and the importance of intellectual property rights for local businesses. These sessions aimed to provide fresh insights and knowledge to local MSMEs.

The Food Innovation Center, one of the research centers of the university showcased their services to MSMEs. This includes product development, sensory testing, training, and consultations. These resources will empower local businesses on their path to success.



Engineering Student Organizations help in addressing hunger in the community

On April 5, 2023, the Mechanical Engineering Department and the Mechanical Engineering Students Society (MESS) launched the "Andito Ka-Me Project" to assist Barangay Wawa in Batangas City. The project is composed of several activities including feeding program, creation of income-generating startup and free medical examinations for senior citizens.



Parallel to this, the Association of Food Engineering Students in partnership with Alaska Milk Corporation conducted a feeding program last November 17, 2023. This initiative is part of the university's contribution to the celebration of the World Food Day. Under the theme "Water is Life, Water is Food, Leave No One Behind", the extension program benefitted residents of Libjo, Batangas City. Additionally, the organization conducted livelihood education to give beneficiaries access to jobs and sources of income.



BatStateU's Pande-Meal Plan Training transforms community nutrition

BatStateU's Extension Services Central Office collaborated with the College of Nursing and Allied Health Sciences-Pablo Borbon to conduct a transformative training program titled "Pande-MEAL PLAN: Training on Nutritious Meal Planning." The event aimed to improve community nutrition by providing nearly 48 Barangay Nutrition Scholars from Balayan with essential skills and knowledge related to healthy eating and meal planning.

Participants learned practical strategies for meal preparation, received guidance on choosing nutrient-rich yet affordable ingredients, and discovered ways to modify traditional recipes for better nutrition.

Balayan is a municipality in Batangas Province with high malnutrition rate.



Barangay Health Workers empowered for enhanced community healthcare

A community-focused initiative to improve healthcare access and outcomes was launched in Nasugbu, Batangas. The "Empowering Barangay Health Workers: Establishing a Solid Foundation for Community Wellness" project aimed to equip local health workers with the knowledge and skills needed to provide effective care to residents.

The project, held on November 18, 2023, at BatStateU ARASOF-Nasugbu, brought together Barangay Health Workers for a series of lectures, demonstrations, and workshops. Participants learned about the latest healthcare practices and participated in hands-on exercises to reinforce their skills.

Addressing Poverty, Health and Nutrition in the wider community

16,724 ESO PPAs' beneficiaries

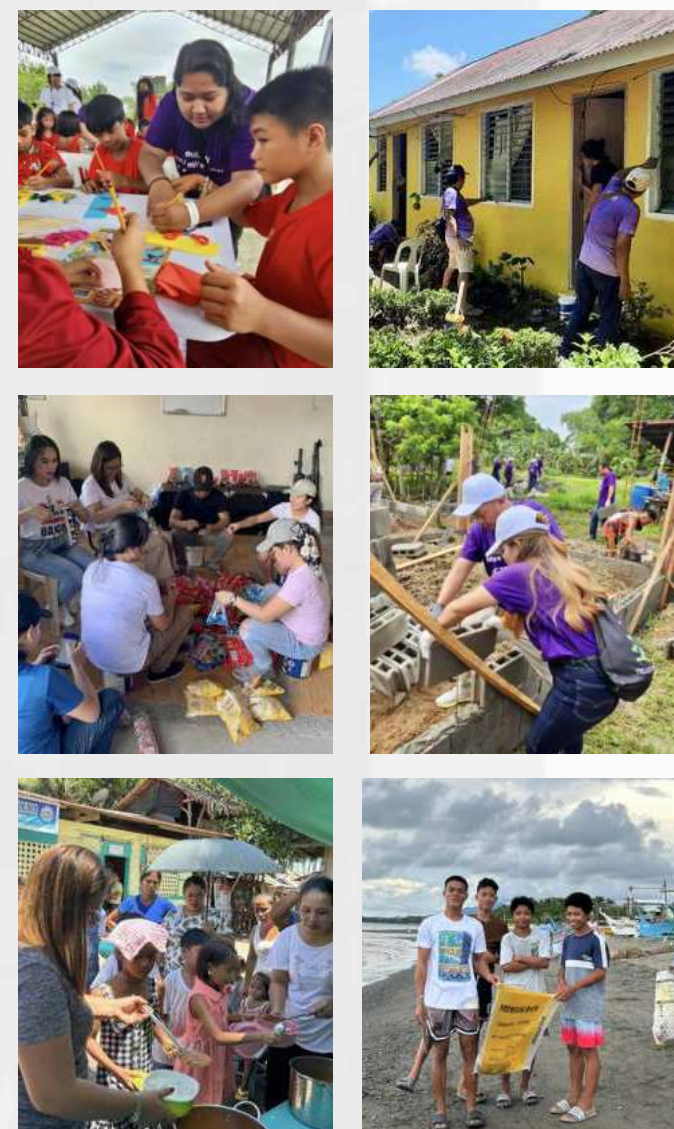
BatStateU TNEU Alangilan Campus continues to serve communities through Bayani Challenge



Batangas State University-TNEU Alangilan Campus has once again demonstrated its commitment to social responsibility by actively participating in the Bayani Challenge 2023. Since 2011, the university has partnered with Gawad Kalinga to implement various projects aimed at alleviating poverty and empowering Filipino communities.

The Kabayani Batangas Team, composed of faculty members and volunteers from Batangas, participated in a wide range of activities during this year's Bayani Challenge. These included house painting, school refurbishment, mangrove planting, coastal clean-up, children's programs, feeding programs, and cultural events.

Through their involvement, the BatStateU TNEU Alangilan Campus has not only contributed to the development of local communities but has also fostered a culture of volunteerism and camaraderie among its students, faculty, and staff. The Bayani Challenge serves as a platform for individuals to apply their skills and knowledge to make a positive impact on society.



Business Management Skills and Basic Bookkeeping Training Workshop for 4Ps beneficiaries



The 4Ps is a social welfare program in the Philippines that aims to alleviate poverty by providing unconditional cash grants to poor households. The program is implemented by the Department of Social Welfare and Development (DSWD). The acronym 4Ps stands for Pantawid Pamilyang Pilipino Program (Conditional Cash Transfer Program).

The BatStateU-TNEU Balayan Campus Extension Services Office and the Municipal Social Welfare and Development Office Balayan recently collaborated to conduct a training workshop for two batches of 4Ps beneficiaries. A total of 27 female members of the 4Ps program participated in the workshop.

The training focused on providing participants with essential knowledge and skills in financial management. The workshop covered topics such as keeping accurate financial records, monitoring income and expenses, and generating financial statements. By mastering these skills, participants can effectively manage their businesses and avoid financial losses.



Solar Power and Safety Education: JIIEE BatStateU's community project



The Junior Institute of Integrated Electrical Engineers (JIIEE) - BatStateU Chapter concluded the second phase of Project DICLAP, a community initiative aimed at empowering communities through leadership and partnership.

As part of the project, the JIIEE installed solar street lights in Barangay Wawa, providing the community with a sustainable and eco-friendly source of illumination. The solar lights were formally turned over to barangay officials, marking a significant step towards a brighter and more energy-efficient future for the community.



In collaboration with the Batangas City Bureau of Fire Protection, JIIEE also conducted electrical safety awareness activities. These included the BASICS seminar, which focused on basic electrical safety principles, and EESkwela ta, Mga Bata, a storytelling session using the ZAP Book to educate children about electrical safety.

The success of Project DICLAP Phase 2 was made possible through the cooperation of various stakeholders, including the Sangguniang Kabataan and barangay officials of Barangay Wawa, as well as other organizations and agencies.

BatStateU ARASOF-Nasugbu leverages tech to boost tourism with TouristMo



BatStateU ARASOF-Nasugbu is taking a step towards enhancing its tourism industry with the implementation of TouristMo, a cutting-edge monitoring tool. This innovative technology, designed to sustain tourism competitiveness, is set to revolutionize how tourism activities are managed and monitored in the region.

To ensure the effective utilization of TouristMo, end-user training sessions are being conducted for resort owners and operators. These sessions are aimed at equipping stakeholders with the knowledge and skills needed to leverage the tool's capabilities. By monitoring and analyzing key metrics, businesses can optimize their operations and enhance the overall tourist experience.



The recent signing of a Memorandum of Agreement (MOA) between the creators of TouristMo and the Department of Tourism (DOT) in Nasugbu marks a major milestone in the integration of this technology. The partnership aims to leverage TouristMo's potential to improve decision-making, promote sustainable tourism practices, and contribute to the economic growth of the region.



110 Technology Transfers

Technology boosts plastic waste reduction in Lipa City



A new plastic sachet shredding machine was transferred to 4P's members of Lipa City. The machine aims to increase the production rate of cut sachets, a crucial step in the recycling process.

The project team provided comprehensive training to the beneficiaries, covering machine operation, maintenance, and safety protocols. The machine is designed to produce plastic shreds smaller than 1/2 inch, meeting the requirements for recycling.

By empowering local communities with innovative technology, this initiative contributes to sustainable waste management and environmental conservation.

CIT Graduate School transfers flood monitoring tech to Ternate, Cavite



A team of professors from the College of Information Technology Graduate School conducted a technology transfer session in Ternate, Cavite. The session focused on the deployment of a Flood Monitoring and Alarm System, designed to provide accurate and timely flood warnings.

The system leverages advanced analytics and real-time data to predict potential flood risks. By providing timely alerts, the system aims to mitigate damages and safeguard lives.

During the technology transfer session, the professors provided detailed explanations about the system's components and functionality. They also shared best practices for system operation, maintenance, and safety.

SDGs on Student-led Initiatives

SSC Alangilan exhibits SDGs on Valentine's Day

Set on Valentine's Day, Supreme Student Council of BatStateU Alangilan initiated the opening of the Inter-department Sustainable Development Goals (SDG) Booth Competition. The two-day event was held at the Fitness Development Center on February 13-14, 2023. Participated by campus' student organizations, it aims to strengthen the stakeholders' awareness of SDGs.

The Booth Competition showcased array of activities that generate income for the organizations. Some activities include selling of pre-loved clothes, games, and MSMEs product promotions. Proceeds will be used to fund the project intended to address the assigned SDGs.

The competition served as a platform for students to display their creativity, leadership skills, and commitment to a sustainable future.



Student organization spreading love on Valentine's Day selling recycled crafts made by fellow students promoting responsible production and decent work and economic growth.



Embracing Inclusivity: One Hug at a Time!



SDG forum and exhibit on WED 2023



Centered on the theme "Leadership in Collaborative Innovations for a Stronger Nation" Supreme Student Council (SSC) Alangilan, the Office of Student Organizations, the Center for Innovations in Engineering Education (CIEE), and the College of Engineering organized the Sustainable Development Forum on the second day of celebrating the World Engineering Day 202. The forum shed light on the university's commitment to sustainability, showcasing various initiatives and actions it has taken to achieve the SDGs.

"By focusing on localized approaches, the university aims to create more meaningful and lasting change in the areas where it operates", said Dr. Mandane-Garcia, BatStateU Sustainability Development Officer. The forum provided an opportunity for stakeholders to engage in dialogue about the university's sustainability efforts and to explore potential avenues for collaboration and partnership.

Simultaneously, in the Inter-Department Booth Competition, various student organizations showcased their college current and previous achievements and efforts to address the 17 UN SDGs. Alongside their presentations, the students also engaged with the audience, sharing information and answering questions about their work.

Student-leaders unite at 2023 RISE Summit to champion SDGs

Research, Innovation, and Student Enterprise (RISE) Summit 2023 kicked off with its initial stage dubbed "The Core" covering the topic "All about the UN SDGs". The event was initiated by the Supreme Student Council of Pablo Borbon in partnership with Office of the Vice Chancellor for Research, Development and Extension Services (OVRDES) and Sustainability Development Office-Pablo Borbon.

Realizing the role of student as future leaders of society, "The Core" initiative aimed to raise awareness among Spartans regarding the 17 UN SDGs. The objective is to integrate these goals into their mindset and decision-making process as they progress to become policymakers, business leaders, and members of their communities.



BatStateU Students Pledge for a Greener Future

Eco-Summit 2023 in Celebration of Earth Day

As part of Earth Day celebrations, the Department of Environment and Natural Resources (DENR) Region IV-A, in partnership with BatStateU-TNEU Alangilan Campus, organized the "Eco-Summit 2023: Wildlife, Humans, and Nature" at the Fitness Development Center.

Over 200 college students attended the event, which featured various activities. These included a lecture on wildlife conservation, a photo exhibit, a sculpture-making contest using recycled materials, and an eco-friendly pageant.

A highlight of the event was the pledge wall, where students committed to environmental actions. Many pledges focused on waste reduction, energy conservation, and tree planting. Students also vowed to advocate for climate action and inspire others to adopt sustainable practices.

Through the Eco-Summit, DENR and BatStateU aim to raise awareness about environmental issues and encourage young people to become active participants in environmental conservation.



SDGs on Student-led Initiatives

JPLPC-Malvar student organization launches KASAKLOLO: A Judgment-Free Zone for Student Stress Relief

The Lingap Mental Health and Psychosocial Support program hosted a seminar as part of their KASAKLOLO pillar on November 24, 2023. The event aimed to provide students with a safe and supportive space to express their thoughts and feelings through writing.

By creating a judgment-free zone, the seminar encouraged students to relieve stress and improve their mental well-being. Participants were given the opportunity to freely write about their experiences and emotions without fear of judgment or criticism.

This initiative highlights the importance of mental health and the role of supportive communities in promoting student well-being.



Students and faculty unite for sustainability summit

The Supreme Student Council (SSC) and the Sustainable Development Office (SDO) of ARASOF-Nasugbu Campus recently collaborated to organize a one-day Sustainability Student Summit (3S). The event aimed to raise awareness about sustainable practices and encourage students to adopt eco-friendly habits.

The summit brought together students from various colleges, including the College of Teacher Education, College of Informatics and Computing Sciences, College of Accountancy, Business, Economics, and International Hospitality Management, College of Arts and Sciences, College of Nursing and Allied Health Sciences, and College of Engineering and Technology. Faculty members, deans, and university officials also participated in the event.

The summit featured plenary sessions that delved into the concept of sustainable development and the 17 Sustainable Development Goals. Participants were encouraged to actively engage in discussions and workshops focused on topics such as waste management, climate change, and responsible consumption.

Through a variety of activities, the 3S Summit aimed to foster a sense of environmental responsibility among students and inspire them to take action in their daily lives. By promoting sustainable practices and encouraging innovation, the event seeks to contribute to a greener and more sustainable future.



ARASOF-Nasugbu Campus celebrates Earth Month with sustainable fashion initiative



In celebration of Earth Month 2023, the Sustainability Development Office (SDO) spearheaded a series of initiatives centered around the theme "Sustainability in Action: Small Acts Making Big Impact." One of the highlights was the "Second Chance for Sustainable Fashion" event, which aligned with several Sustainable Development Goals (SDGs) including responsible consumption and production (SDG 12), climate action (SDG 13), life below water (SDG 14), and life on land (SDG 15).

Organized by the Supreme Student Council in collaboration with various student organizations, the event encouraged students, faculty, and staff to donate or sell gently used clothing. The initiative began with a social media campaign on April 22, 2023, to raise awareness and generate interest.

On April 24, 2023, collection boxes were strategically placed around campus to facilitate the donation process. A dedicated venue was set up in the mini-forest on April 25, 2023, where participants could browse and purchase pre-loved clothing. College councils played a vital role in organizing the event and promoting sustainable fashion choices. By promoting the reuse and repurposing of clothing, the "Second Chance for Sustainable Fashion" event not only reduced waste but also fostered a sense of community and environmental consciousness. It demonstrated the power of collective action in creating a more sustainable future.

SSC Lipa Campus leads Women's Month Celebration

Batangas State University – TNEU Lipa Campus joined the nation in celebrating Women's Month 2023. The Supreme Student Council (SSC) Lipa Campus, in collaboration with the Gender and Development (GAD) Office, organized various activities under the theme "We for Gender Equality and an Inclusive Society."

The SSC Lipa Campus spearheaded initiatives such as the "Share about National Women's Month Celebration in Flag Raising Ceremonies" and a sign-making activity. These events aimed to raise awareness of women's rights and promote gender equality within the university community.

To further empower women, the GAD Office encouraged students to wear purple every Wednesday during March. Additionally, the office played advocacy songs and organized presentations to foster a supportive campus environment.



Energy and Water Usage

Energy and water usage tracking involves measuring and monitoring the our consumption electricity, water, fuel and low-carbon energy.

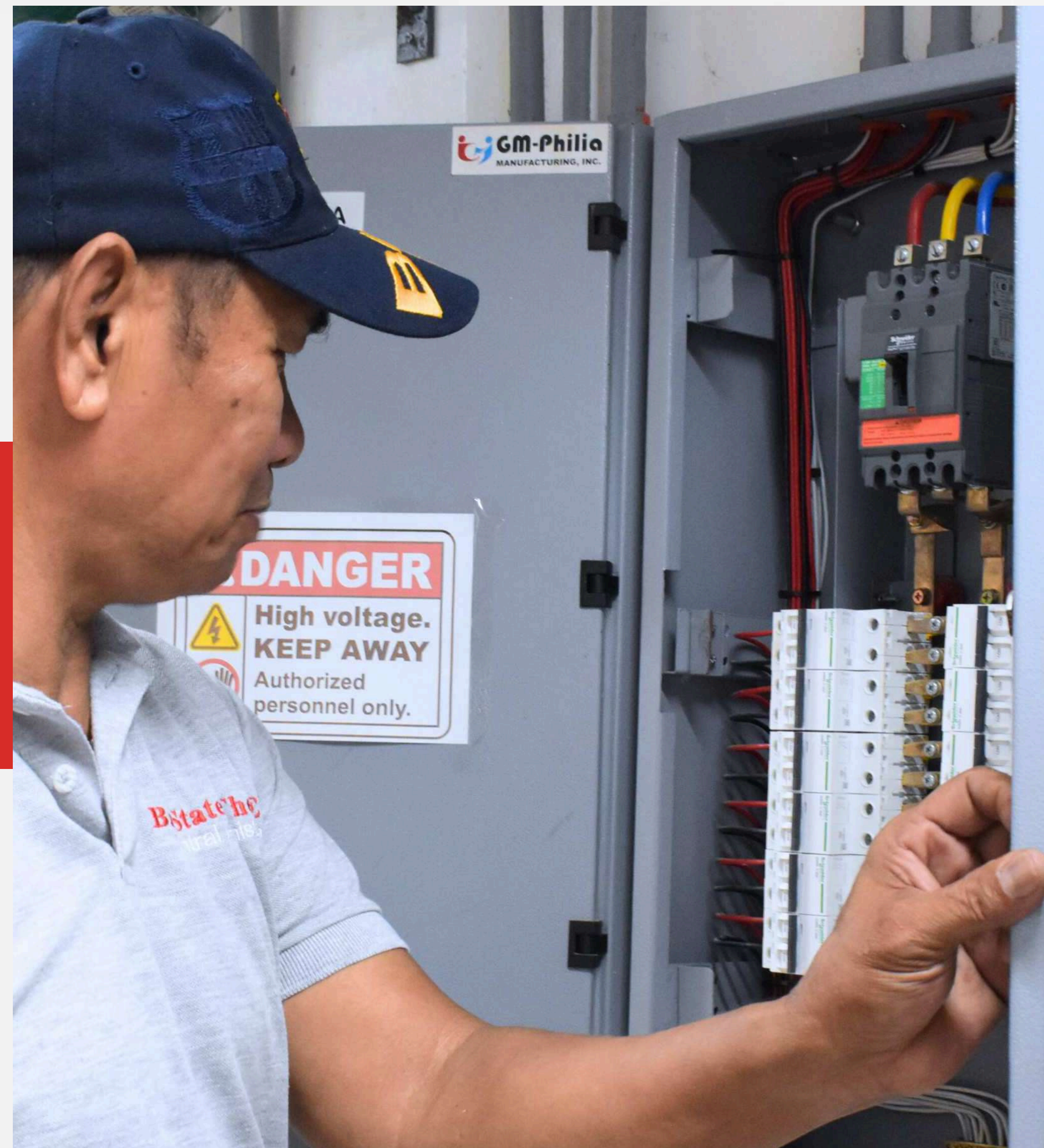


Waste Generation

Waste generation tracking involves measuring and monitoring the amount and types of waste, such as solid waste, hazardous waste, and recyclable materials.

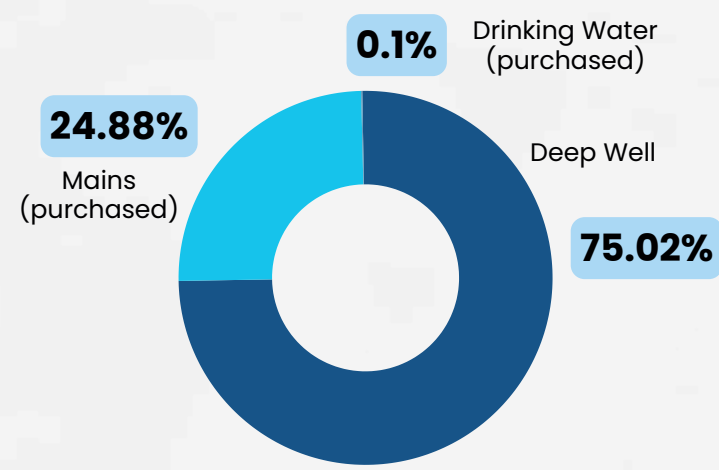
GHG Emission

GHG Emission Tracking involves measuring and monitoring the amount of greenhouse gases (GHGs) on various sources such as energy consumption, transportation, and waste management. The tracking is use as basis for carbon sequestration efforts of the university.



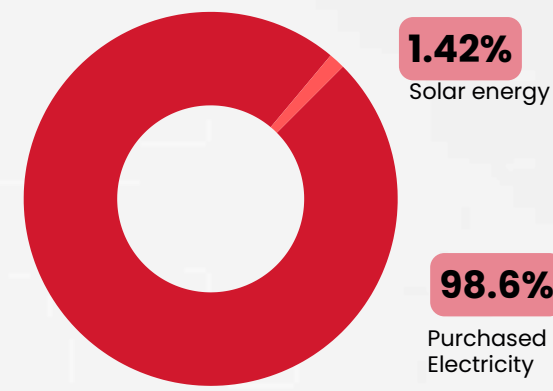
Tracking our resources' Consumption and Generation

BatStateU prioritize environmental sustainability. The University is committed in protecting the planet by carefully monitoring the energy and water consumption, waste generation and GHG emission.



Proportion of Consumption per Water Sources

The university primarily relied on deep well for the majority of its water supply, constituting 75.02% (77, 934.49 m³) of the total water usage. While a fraction of the university's water supply, 24.88% (25, 850.92 m³), was from local water source. Five campuses of the University, Pablo Borbon, Balayan, ARASOF-Nasugbu, Alangilan and JPLPC-Malvar have on campus deep well. Only a marginal portion, less than 0.1% (104.84 m³), of the university's water supply was allocated specifically for drinking water.

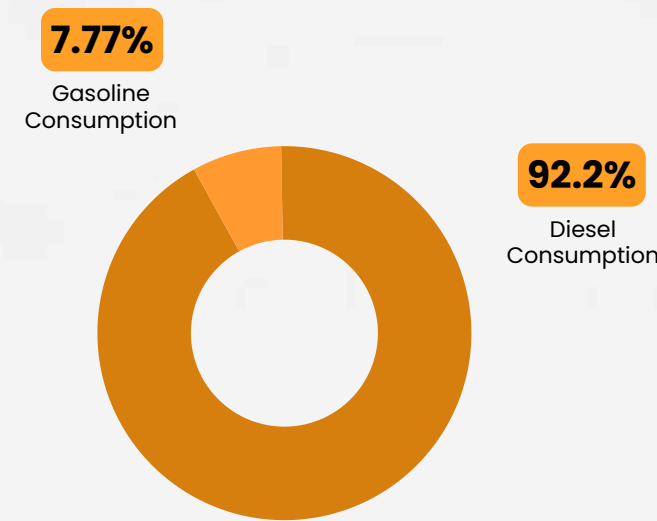


Proportion of Consumption from Purchased Electricity vs. Solar Energy

Consumption from solar energy is currently at 1.42% as three campuses only of the university has solar panels. The University plans to increase low carbon sources by 25% in the next years.

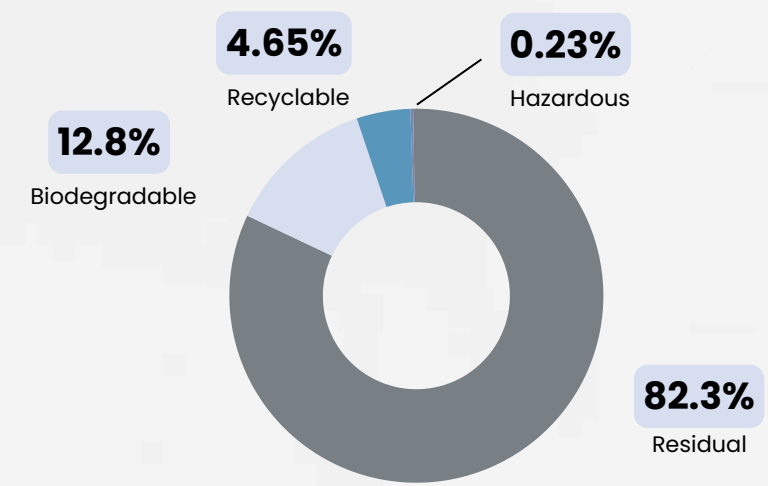
269.39 GJ

Total Electricity Consumption from Solar Energy



Proportion of Consumption (Diesel vs. Gasoline)

The university owned a total of 22 vehicles across its campuses. Twenty (20) use diesel as fuel and only 2 vehicles use gasoline.



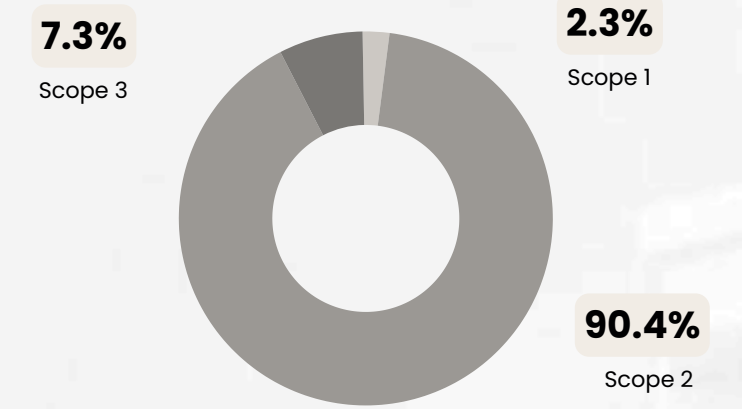
In 2023, the university produced 127.71 metric tons of solid waste, mostly residual (79.59%). Biodegradable waste made up 12.8%, recyclable waste was 4.56%, and hazardous waste was 3.05%.

5.82 mt

Total Recycled Waste

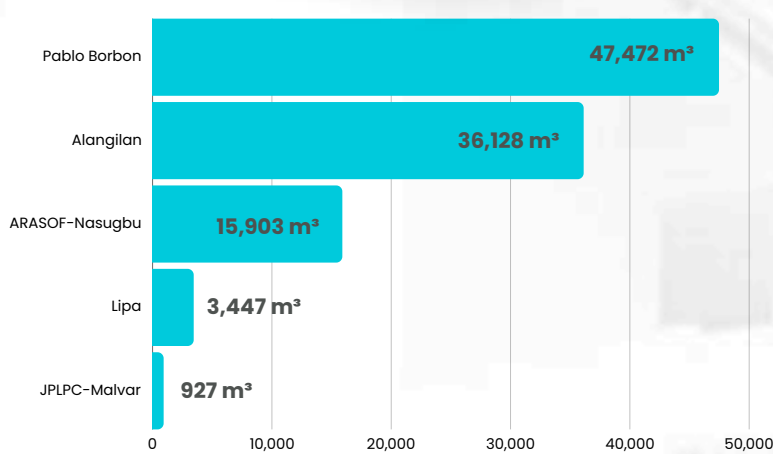
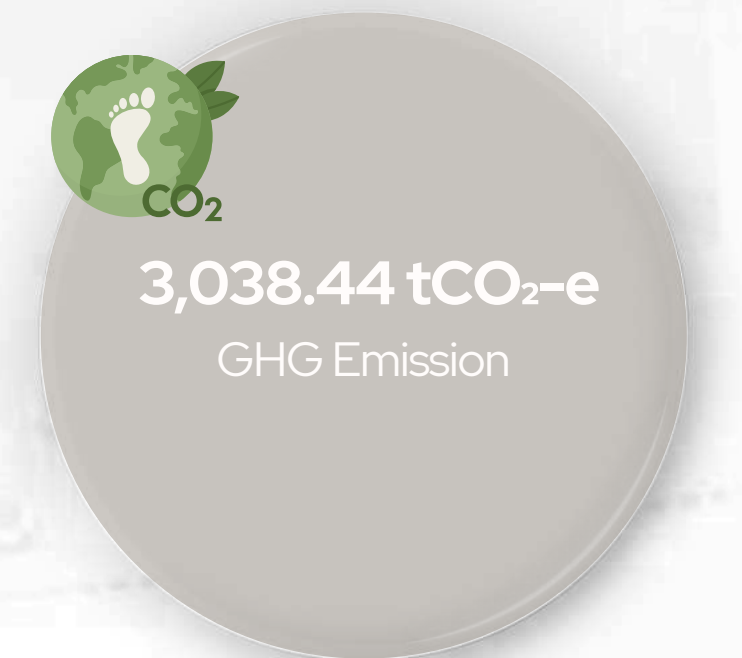
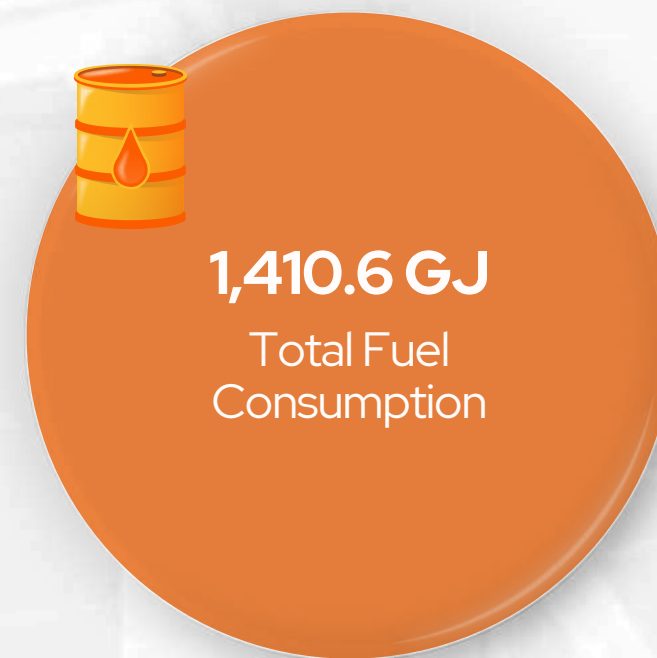
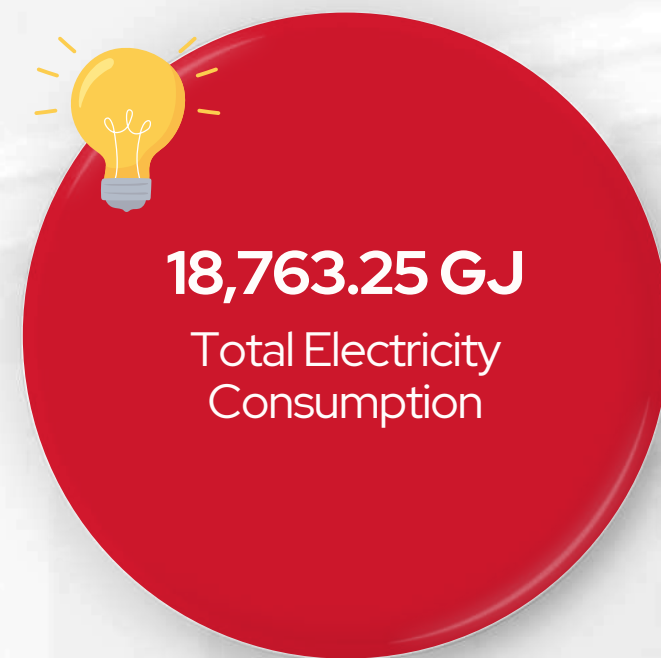
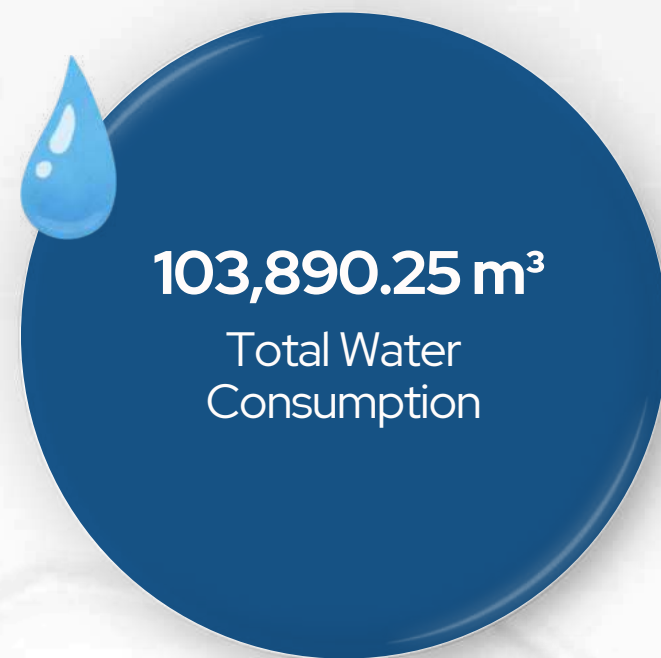
2.06 mt

Total Food Waste Generated



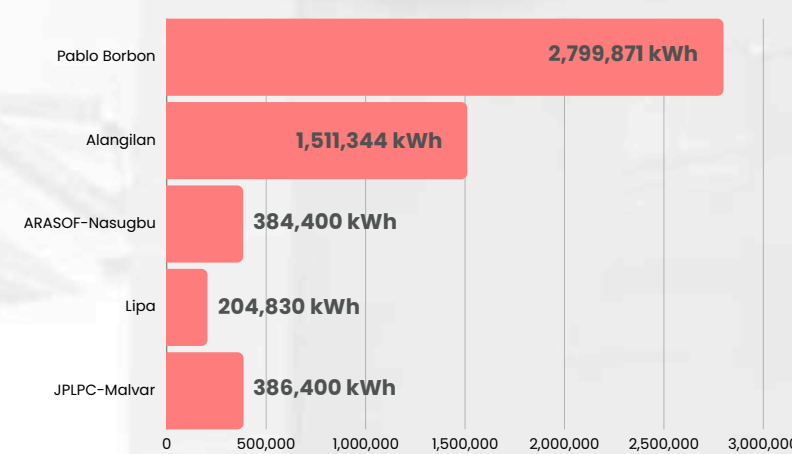
Proportion of GHG Emissions per Source

In 2023, the university emitted 3,026.46 tons of CO₂ equivalent (tCO₂e). 2,736.46 tCO₂e came from purchased electricity, 220 tCO₂e from indirect emissions (like water, waste, transportation), and 70 tCO₂e from university vehicles.



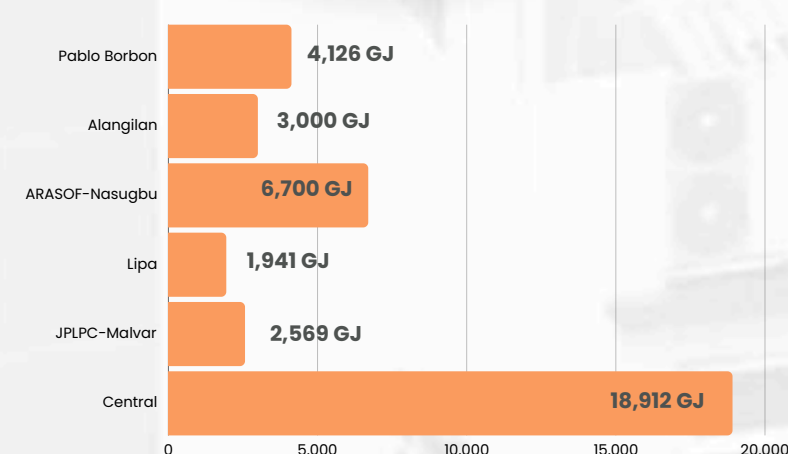
Water Consumption of BatStateU Campuses

The graph shows the water consumption across the University. The top three biggest campuses in terms of population and campus size contributes to 95.78% of the total water consumption. This can be attributed also to the ongoing building constructions in the said campuses that resulted to increase of consumption. Lipa campus constitutes to 3.32% of the total consumption while JPLPC-Malvar shares the remaining 0.89%.



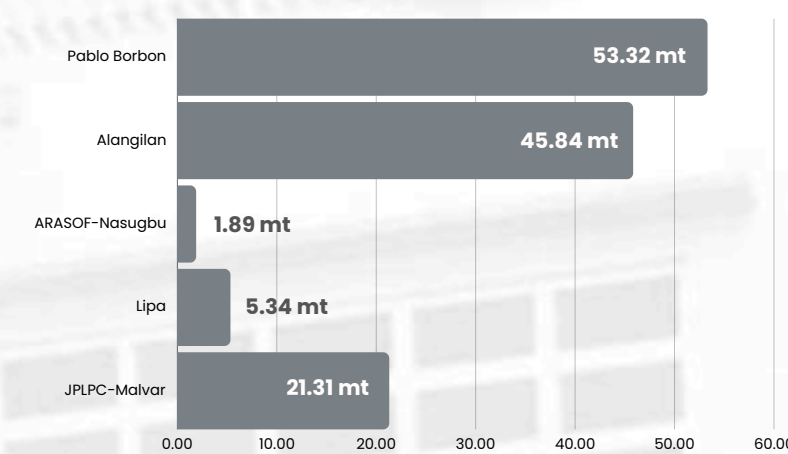
Electricity Consumption of BatStateU Campuses

The graph shows the distribution of electricity consumption across various campuses of the University. Pablo Borbon campus has the highest consumption, accounting for a substantial 52.96% of the overall electricity consumption reflecting its significant size and extensive operations.



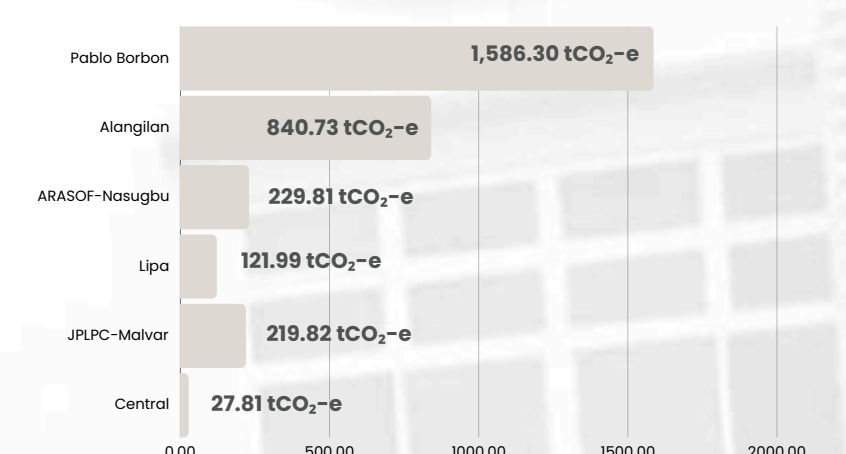
Fuel Consumption of BatStateU Campuses

The graph shows the distribution of fuel consumption across various campuses of the University. Notably, the Central Administration dominates the chart, reflecting a substantial proportion of 51% of the overall consumption. This can be attributed to the official travels undertaken by the University's senior officials.



Waste Generation of BatStateU Campuses

The Pablo Borbon campus produces the most waste (42%) due to its larger population and was followed by Alangilan campus constituting to 36% of waste generated. The Central Administration functions are shared between the Pablo Borbon and Alangilan campuses, which may contribute to their higher waste generation. JPLPC-Malvar contributes 17%, while Lipa and ARASOF-Nasugbu produce smaller amounts.



GHG Emission of BatStateU Campuses

The Pablo Borbon and Alangilan campuses together account for 80% of the university's total greenhouse gas emissions. This significant contribution is primarily due to the large number of students and faculty members on these two campuses.

Wastewater Treatment

14,289 m³

Volume of Treated Wastewater

The University has an SBR-type STP with seven lifting stations and five chambers. It treats sewage from various buildings and discharges treated wastewater for non-potable uses. Wastewater quality is monitored to comply with DENR standards.



Water Reuse

4,200 m³

Volume of recycled water

Beyond aesthetics, university fountains recycle water for irrigation, reducing campus water consumption. With a combined capacity of 70 cubic meters, these fountains have helped recycle over 4,200 cubic meters of water annually. This not only minimizes the university's environmental impact but also creates a healthier, greener campus.

Water efficient fixtures

49%

of water toilet are water efficient

96%

of faucets are water efficient

89%

of urinals are water efficient

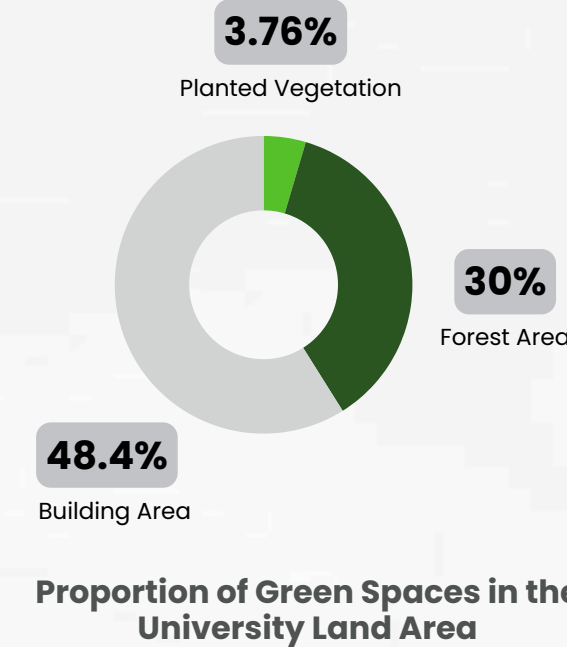
Water-efficient fixtures, such as dual-flush tanks for water closets, throttled water valves for faucets, angle valves for sinks and urinals, and water-efficient urinals, are utilized to conserve water and support sustainable practices.



Green Space



University's largest campuses are situated in the urban landscape of Batangas Province. To balance the city's urban feel, the University has set aside significant areas for green spaces. These include native plant gardens, lawns, and forests with drought-resistant trees.



15,624.06 sqm
Planted Vegetation

124,409.74 sqm
Forest Vegetation

140,033.8 sqm
Green Space Area

Native plant and tree species



110
tree species



165
plant species

In the recent years, the university has added more native plants and trees to the campus. These include fruit-bearing trees and flowering plants, aiming to increase biodiversity. This has also led to a greater variety of pollinating insects, such as butterflies and bees.



Sustainable water use



Access to free drinking water

22

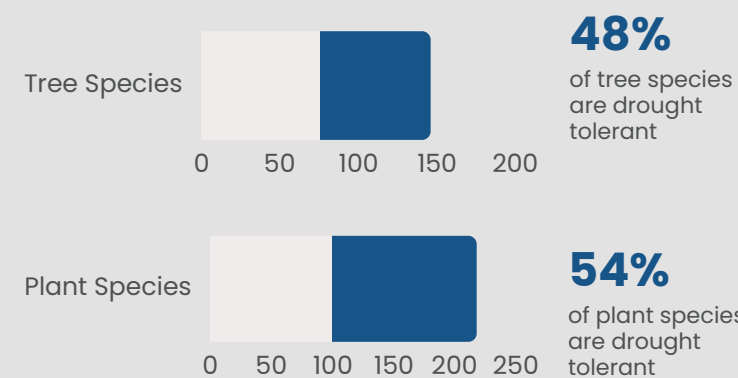
drinking fountains

185

water dispensers

The University has installed 22 drinking fountains and provided 185 water dispensers to provide safe drinking water to students and staff. The water is sourced from DOH-accredited refilling stations and undergoes treatment to meet national standards. In 2023, the university consumed an average of 27,695.798 gallons of treated water.

Proportion of drought-resistant trees and plants in the campus



BatStateU-The NEU is home to a diverse range of plant life, with over 146 tree species and 218 plant species identified across its 11 campuses. This biodiversity is vital for ecosystem health and benefits the university community.

A key feature of the campus vegetation is its drought resistance. Nearly half of the tree species (48%) and over half of the plant species (54%) are adapted to dry conditions, which is increasingly important due to more frequent droughts. Although the percentage of drought-resistant species has slightly declined, this is due to the introduction of native species, which are essential for supporting local ecosystems despite being less drought-tolerant.

Conserving and extending campus biodiversity

SPARTANIM

Launched in December 2023 in celebration of 120th Founding Anniversary of BatStateU

5,000

Mangrove propagules

29,621

Trees (started FY 2022)

24%

accomplished in the target to sequester the carbon emissions of FY 2022 based on the University's electricity consumption

TREE NURSERY IN LAGADLARIN LOBO, BATANGAS

College of Agriculture and Forestry

SPARTANIM is a green legacy pledge of Batangas State University to plant 1.2 million trees as part of the university's celebration of its 120th Founding Anniversary in 2023. The pledge was launched last December 2023. Since 2022, the university have planted 29,621 trees across its 11 campuses. This pledge is set to continue until 2030. A tree nursery will be established at BatStateU Lobo campus by 2025 to cultivate fruit-bearing trees for planting across Batangas Province.

BatStateU joins in planting 5000 mangrove saplings

Over 5,000 mangrove saplings were added to the Lagadlarin Mangrove Forest at Lobo, Batangas. Being a calamity-prone country, mangrove forests can act as a powerful natural defense in our coastal area. It decreases the risk of flooding and erosion and most importantly, absorbs the storm surge impacts during extreme weather events such as typhoons.

The mangrove planting activity was initiated by Dow Philippines and was participated by volunteers from Batangas State University (ARASOF-Nasugbu, Lobo and Pablo Borbon Campuses), Batangas Coastal Resource Management Foundation, Connell, Ellsworth, Krayden, Metro Industries, Suntra, and Tradeton. It was also supported by the Department of Environment and Natural Resources, Department of Agriculture, LGU of Lobo, and Brgy. Lagadlarin and people's organization of Samahan ng Maliliit na Mangingisda sa Pangangalaga ng Kalikasan sa Brgy. Lagadlarin.



Students from BatStateU Lobo and ARASOF Nasugbu Campus joining the mangrove planting activity



Through the help of local community, proper handling and planting of mangrove saplings were taught to volunteers.

BatStateU sows seeds of sustainability in tree planting drives

In 2023, a staggering total of 29,621 tree seedlings encompassing a diverse range of species including caballero, narra, red nato, bitaog, and cupang, were distributed among the constituent and extension campuses of BatStateU- The NEU. The concerted effort of students, faculty, and employees saw these saplings find their roots both on the university grounds, private land and in designated areas across the Batangas Province.

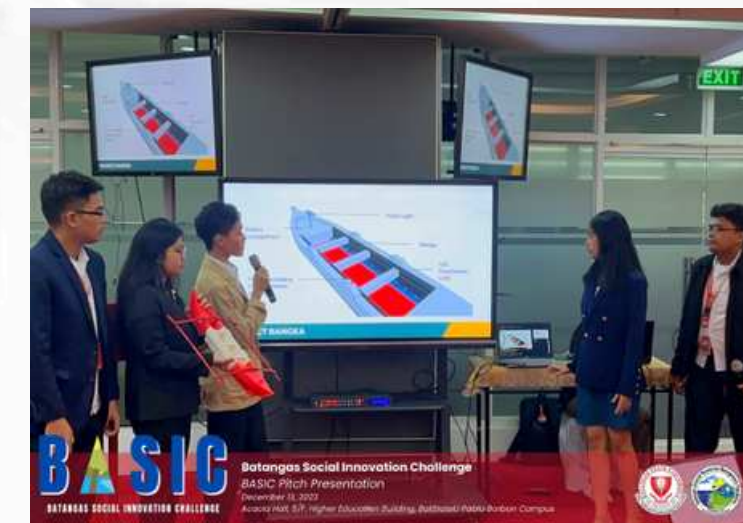
The tree planting events not only symbolized a proactive approach towards environmental conservation but also underscored the commitment of BatStateU towards sustainable development and fostering a greener, healthier future.



University launches Climate Change Action Plan, encourages Spartan involvement

The University held a Climate Change Lecture centered on the theme "From Crisis to Action: Mobilizing Academic Communities for Climate Change." Dr. Nickie Boy Manalo presented the University Climate Change Action Plan (UCCAP), a comprehensive strategy to address climate change challenges. The plan outlines targets, mitigation, and adaptation approaches.

Dr. Manalo highlighted the importance of active participation in realizing the UCCAP's goals. Senate President Pro Tempore Loren B. Legarda, in a message delivered by Dr. Vaberlie Mandane-Garcia, emphasized the university's crucial role in climate action.



BASIC Sparks Sustainable Solutions

The Batangas Social Innovation Challenge (BASIC) ignited a spark of innovation and community engagement among Batangas' youth. This initiative aimed to empower young minds to address pressing local issues, such as environmental conservation and youth empowerment. Through a series of workshops, mentoring sessions, and a community learning express (ComLex), participants were encouraged to develop innovative solutions and collaborate with experts.

The culmination of this journey was a pitch presentation, where two outstanding projects were selected to receive funding and implementation support. Team Groundbreakers' "Project UNITED" focused on youth-driven environmental awareness and action through educational programs and outreach initiatives. Meanwhile, Team B-MARINE's "Project Bangka" tackled the challenges faced by fishermen by developing eco-friendly, solar-powered lighting solutions for fishing boats. Each of these projects received a seed fund of Php100,000.00 to bring their innovative ideas to life.

BASIC's success underscores the power of youth-led innovation to drive positive change. By providing a platform for young people to share their ideas, collaborate with experts, and access resources, this initiative fostered a vibrant ecosystem of changemakers. The projects implemented through BASIC will not only address specific challenges but also inspire future generations to contribute to the sustainable development of Batangas.

BASIC is a collaborative effort of Batangas State University and the Batangas Coastal Resources Management Foundation. This initiative serves as a model for fostering social innovation and empowering young people to become agents of change in their communities.





Taking care of life below water

**No water, no life.
No blue, no green.**
- Sylvia Earle

Coastal Clean Ups

In 2023, BatStateU campuses organized a total of nine (9) cleanup drives throughout Batangas Province. As a coastal region, these initiatives play an important role in safeguarding marine ecosystems and preserving biodiversity. By removing litter and debris from beaches and waterways, these efforts help to maintain a clean and healthy environment for marine life. Additionally, these cleanups raise awareness about the importance of environmental conservation and inspire community members to take action to protect their local ecosystems.



Coastal Cleanup Drive in Balayan, Batangas



Coastal Cleanup Drive in Brgy. Malitam, Batangas City



Cleanup Drive in Malvar, Batangas



Coastal Cleanup Drive in Balete, Batangas



Coastal Cleanup Drive in Nasugbu, Batangas



Coastal Cleanup Drive in San Luis, Batangas



VIP CORALS, a research center of BatStateU - The NEU established in 2018 to study, protect, and sustainably use the marine resources of the Verde Island Passage. Its goals include conducting research, educating the public, and collaborating with stakeholders to improve marine management. The center also aims to establish marine stations, train communities, develop marine technologies, and create a marine museum to promote marine awareness and education.

VIP CORALS Webinar: Championing marine conservation through biotechnology

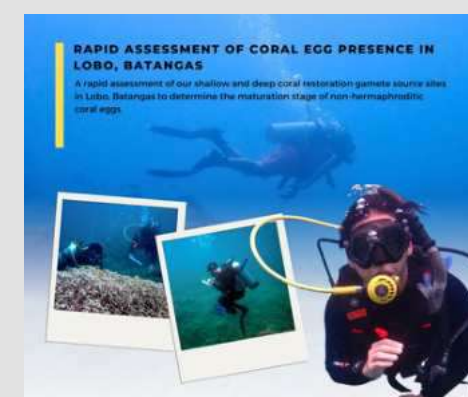


The VIP CORALS marked National Innovation Month with a captivating webinar titled "Marine Conservation through Biotechnology." Under the theme "BioMe SAVIOR: Biotechnological Methods in Saving our Vastly Important Ocean Regime", this live-streamed event took place on September 29 via the VIP CORALS Facebook page. The webinar featured speakers who offered valuable insights into marine conservation and biotechnology. Dr. Jonel Corral from ARASOF- Nasugbu campus discussed the current fishing practices of the siganid or rabbitfish in Calatagan, Batangas, emphasizing sustainable, harvesting through proper management. He highlighted a DOST-PCAARRD approved project aimed at studying the reproductive biology and fishery status of mottled spinefoot or *Siganus fuscescens*.

Expert sheds light on Venus clam conservation in Calatagan

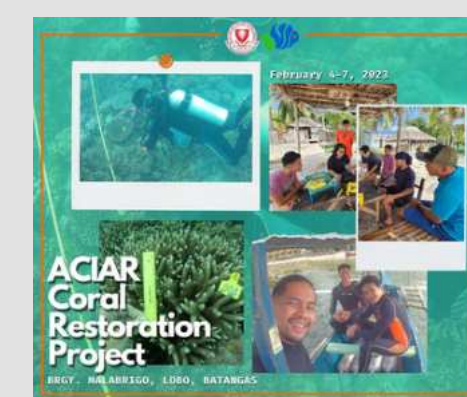


Dr. Jonel M. Corral, a leading expert in conservation and fisheries, recently shed light on the critical state of the venus clam population in Calatagan, Batangas. Through a quick stock assessment in Sitio Bataha and Sitio Buroto, Dr. Corral highlighted the urgent need for sustainable harvesting practices and effective conservation measures. The seminar, focused on the conservation and management of the venus clam, provided a platform for knowledge sharing and collaboration. Participants gained a deeper understanding of the ecological significance of the venus clam and its role in the local ecosystem. By fostering awareness and promoting sustainable practices, this event aims to ensure the long-term viability of the venus clam fishery.



Rapid assessment of coral egg presence in Lobo, Batangas

The VIP CORALS team recently went to Lobo, Batangas to assess the maturation stage of non-hermaphroditic coral eggs in the coral restoration gamete source sites. This fieldwork is part of the ACIAR Project.



The VIP CORALS, represented by Dr. Miguel Azcuna, Enrique Velasquez, and Karlo Pintor, joined the UP Marine Science Institute for the ACIAR Coral Restoration Project in Brgy. Malabrigo, Lobo, Batangas to assess the reproduction status of corals in Malabrigo Fish Sanctuary.



IEC Materials

VIP CORALS started a series of SciComm materials regarding oil spill to help disseminate and cross barriers on bridging scientific information to the public.



The BatStateU ACTION Center serves as a vital hub for various stakeholders, including community members, barangay leaders, local officials, disaster management professionals,

researchers, and civil society organizations seeking assistance and knowledge to enhance their disaster preparedness and response capabilities. The center's primary objectives encompass safeguarding economic achievements through education and research, actively promoting community safety and resilience through education, training, and innovative research, raising awareness among local leaders and communities about natural hazards, and disseminating information regarding potential hazards, warning signs and recommended actions during such events.

Quarterly conduct of Earthquake Drill

Committed to ensuring the safety of its students and staff, Batangas State University The NEU conducts regular earthquake drills. The university's ACTION Center organizes these drills quarterly across all campuses, adhering to the Office of Civil Defense's Nationwide Simultaneous Earthquake Drill (NSED) requirement.



BatStateU ARASOF-Nasugbu empowers community with Disaster Preparedness and Fire Safety Training

Environmental Management Unit (EMU) of BatStateU ARASOF-Nasugbu recently conducted a two-day training program focused on disaster preparedness, response, and fire safety awareness. The initiative aims to enhance community safety by providing practical skills and knowledge for emergency situations.

The training program covered a range of topics, including fire safety prevention, proper fire extinguisher usage, and efficient evacuation procedures. Participants had the opportunity to engage in hands-on exercises, reinforcing their understanding of these critical skills.



BatStateU Lipa conducts Disaster Preparedness training for LGU

Last May 26, 2023, BatStateU TNEU Lipa conducted a comprehensive disaster preparedness and first aid training session for barangay officials and functionaries of Barangay Marawoy, Lipa City. Led by expert trainer Sir Arvin Aguilera, the event aimed to enhance the community's capacity to respond effectively to emergencies.

The training covered a range of topics, including disaster risk reduction, emergency response protocols, and basic first aid techniques. Participants actively engaged in lectures, discussions, and hands-on exercises. A simulation exercise further solidified their understanding of real-world emergency scenarios.



Climate Adaptation and Mitigation Actions

SSC Balayan officers train for climate resilience

To address pressing environmental challenges, a collaborative effort was undertaken to equip future leaders with the necessary knowledge and skills for climate resilience and sustainable development. The Future Educators Association, SSC Alangilan-Balayan, CIT SC Balayan, CICS SC Balayan, and the office of the Extension Services of BatStateU Balayan organized a community training seminar focused on climate change, disaster preparedness and response, and environmental issues.

The seminar was attended by student leaders from various BatStateU TNEU Balayan Campus student clubs. A Q&A session followed the main talk, allowing participants to discuss climate change adaptation and disaster risk reduction.

The training was a resounding success. Participants gained valuable insights to inspire future generations and contribute to building resilient and sustainable communities.





Sustainable Campus Community



The university prioritizes sustainable commuting, encouraging its Spartan community to adopt eco-friendly practices. Employees and students are encouraged to use electric vehicles for their daily commute, reducing carbon emissions. The campus is designed with ample pedestrian lanes, prioritizing safety and walkability. Additionally, the university offers convenient coaster services for various student activities, promoting sustainable transportation within the campus. These initiatives contribute to a more sustainable and accessible campus environment, aligning with SDG 11.

BatStateU hailed CHAMPION in competitions during the Sublian Festival 2023 celebration

Batangas State University (BatStateU) made a significant impact at the Sublian Festival 2023, clinching top places in both the Traditional Subli Contest and the Sublian Float Parade.

In the Traditional Subli Contest, the Diwayanis Dance Theater from BatStateU's High School and College Division emerged as champions. The group's captivating performance and engaging storytelling through dance set them apart from the competition. Additionally, the young performers from BatStateU Integrated School showcased exceptional talent, winning the Elementary Division. Both teams received a plaque and a cash prize of Php 50,000.00.

BatStateU continued its winning streak in the Sublian Float Parade, securing the championship title with a float themed "The Tower of Miscom and a Spartan Headgear." Designed by Mr. Luther Jose O. Eroa, Head of the Office of Culture and Arts - Alangilan, the float incorporated sustainable materials like coconut shells, lumber, bamboo, and paper. The collaborative effort of 15 College of Architecture, Fine Arts, and Design (CAFAD) students and volunteers from the Alangilan and Pablo Borbon campuses brought the design to life.

The Sublian Float Parade, themed "Sining at Kultura, Atang Patingkarin," featured 14 colorful floats. BatStateU's victory in this competition was rewarded with a cash prize of Php 200,000.00.



BatStateU-The NEU hosts art talk and exhibit in its 120th founding anniversary

In light of the celebration of BatStateU-The NEU's 120th founding anniversary, the Office of the Culture and Arts conducted a 4-day art hybrid event consisting of art talk and exhibit featuring some of the famous artists in the Philippines. The event, dubbed as "Dangal", serves as a platform for artists to display their artworks and talk about their creative process and inspiration. Among the invited guests are Frederick Epistola, visual artist, Manny Garibay, award-winning painter and Gabriel Malvar, executive director and producer. The Art Talk offered a chance for the Fine Arts students of BatStateU to learn about different art styles, techniques, and historical contexts, and to deepen their appreciation for the arts. The event also inspired discussions and debates about art, culture, and society, and encouraged students to reflect on their own beliefs and values. The art exhibit was open to the public from April 12 to April 25, 2023.

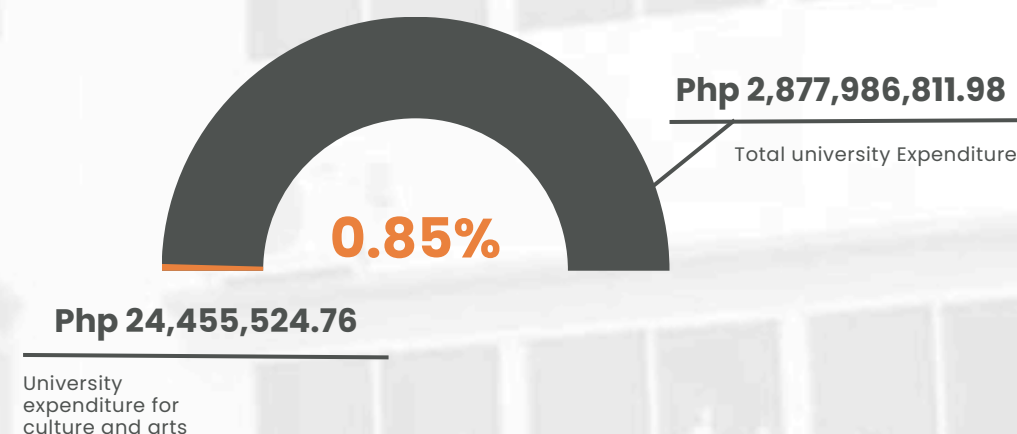


"The artworks carry a lifetime of profound significance thereby sending impact not just in the present but also in the future".

Mr. Luther Jose O. Eroa
Head, Culture and Arts, BatStateU-Alangilan
when asked about concepts of art and sustainability

Culture and Arts Expenditure

In 2023, BatStateU- The NEU spent **Php 24,455,524.76** for culture and arts. These expenses include naming of the heritage buildings, establishment of museums and galleries, and funding of culture and arts related activities.



Community Access to University

As a state university, BatStateU The NEU shares its library to the general public. In 2023, 2.35% of library users are external stakeholders. They access the library for research purposes and other academic endeavors.

Library Users

188,255
internal stakeholders

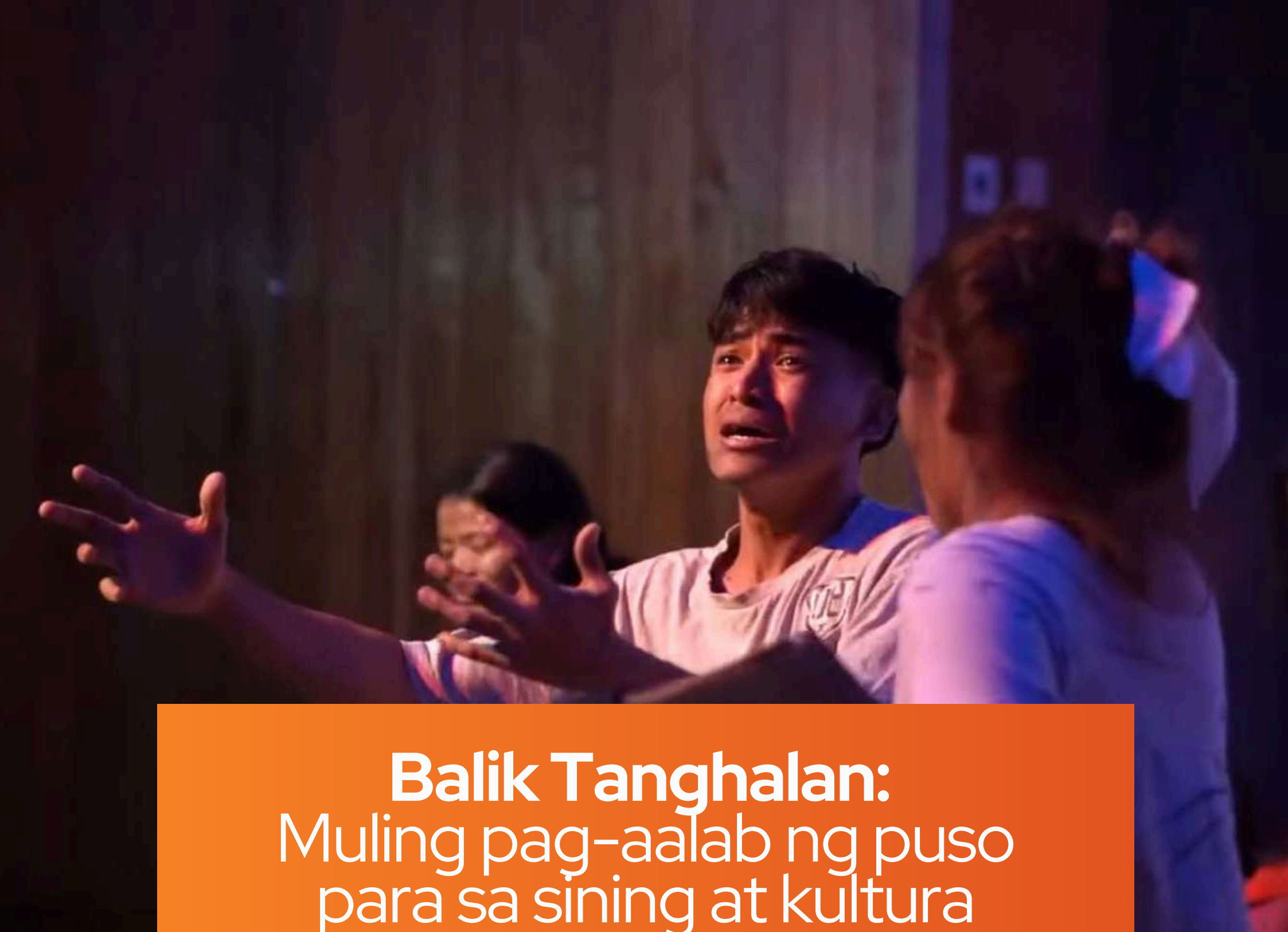
4,539
external stakeholders

Tradition meets innovation: BANTOG '23 rekindles artistry and heritage

Batangas State University, The National Engineering University (BatStateU) hosted BANTOG 2023: Pagpaparangal sa mga Alagad ng Sining, a vibrant event celebrating creativity and cultural heritage.

The event spotlighted a wide array of talents from the university's Pablo Borbon, Alangilan, Lipa and JPLPC Malvar campuses across diverse artistic disciplines. The program featured theater acts, modern dance, band performances, visual arts, folk dance, choir, and rondalla music, with 51 individuals receiving accolades for their artistic endeavors.

BANTOG 2023 is part of BatStateU's ongoing efforts to promote and elevate local artistry, aiming to become a beacon for student and community artists alike.



**Balik Tanghalan:
Muling pag-aalab ng puso
para sa sining at kultura**

BatStateU students illuminate the nation with parol triumph

Batangas State University, The NEU (BatStateU) has once again brought pride to the province, this time through a stunning victory in the "Isang Bituin at Isang Mithiin National Parol-Making Competition." The university's entry, crafted by students from the College of Architecture, Fine Arts, and Design, outshone 84 other entries from various state universities and colleges across the Philippines.

Led by Bernadette Bagsit, Lhanz Andrei Balmes, Allan Harlem Lei Novelo, and Marc Joseph Vergara, the BatStateU team created a parol that not only adhered to the competition's theme but also celebrated the rich cultural heritage of Batangas. The intricate design and vibrant colors of the parol paid homage to the city's history, capturing the essence of the "Barakos" tradition.

The team's dedication and creativity were evident in every detail of the parol. Their meticulous work resulted in a masterpiece that not only impressed the judges but also captivated the hearts of the viewers. The parol's stunning visual appeal and innovative design showcased the students' artistic talent and technical skills.

With this remarkable achievement, BatStateU has once again proven its commitment to fostering creativity and innovation among its students. The university's success in this national competition is a testament to the quality of education and the dedication of its faculty and students.



Dulaang Batangan, BatStateU's official theater group, made a triumphant return to the stage with "BALIK TANGHALAN: Muling Pag-Alab ng Puso para sa Sining at Kultura." This event marked the organization's first audition process since the pandemic, serving as a celebration of National Arts Month. It was open to the entire BatStateU community, including students, alumni, and other theater enthusiasts.

The event featured two classical one-act plays: "Ang Paglilitis ni Mang Serapio" and "New Yorker in Tondo." "Ang Paglilitis ni Mang Serapio" delves into the world of a syndicate of beggars, highlighting social issues that remain relevant today. "New Yorker in Tondo" explores themes of family, youth, love, and friendship through the story of Kilay, a woman who returns to her hometown after studying in New York. The performances aimed to educate, entertain, and inspire the audience, fostering a deeper appreciation for theater, culture, and the arts.

The event concluded with the announcement of the new members of Dulaang Batangan. Certificates were also given to each of them in recognition of their participation.



SDGs in Volunteerism

Igniting Volunteerism: BatStateU celebrates Sulambi VOSA's achievements and launches new volunteering initiatives

Batangas State University, The National Engineering University, celebrated the accomplishments of the Sulambi Volunteers Organization Student Auxiliary (Sulambi VOSA) through a simple celebration.

Dr. Vaberlie P. Mandane-Garcia, Director of Extension Services, and Dr. Aimee Guia, Assistant Director for Extension Monitoring and Impact Assessment, emphasized the significance of volunteerism in their addresses. The event also marked the launch of the university's new volunteering initiative, YAKAGAN, aimed at fostering collaboration among faculty, staff, and students to bring positive change to the community.

Sulambi VOSA's achievements were highlighted through an audio-visual presentation. Outgoing officers received the Volunteer Service Award, while President Ms. Merrie Rainelle M. Delos Reyes thanked the Sulambi VOSA community. Incoming President Ms. Andrea Kristine P. Agdon shared her vision for the future. Distinguished alumni and student volunteers were recognized, with Ms. Jomalyne C. Falculan delivering a message as an Exemplary Volunteer Awardee.

The event concluded with acknowledgements to external partners, sponsors, and beneficiaries who contributed to Sulambi VOSA's success. Executive Vice President Mr. Mark Joseph A. Serrano expressed gratitude and reflected on the organization's achievements. As the university continues to foster a culture of compassion, it aims to make a more profound and positive impact on society, leaving a lasting legacy of service and transformation.



KALINGA: A PAWsitve impact on animal welfare

The Sulambi Volunteer Organization for Student Auxilliary (Sulambi VOSA) recently held a successful animal welfare project, "KALINGA: For Responsible FurPAWS." On May 31, 2023, volunteers collaborated with God's Home of Refuge to improve the lives of animals in Mahabang Dahilig, Lemery, Batangas. The event involved fundraising activities to purchase high-quality animal food, which was then donated to the shelter. Volunteers also spent quality time with the animals, providing much-needed companionship and care. This heartwarming initiative highlights the importance of community involvement in animal welfare and sets an example for future compassionate actions.



Blood Donation Drives



Batangas State University (BatStateU) and the Philippine Red Cross Batangas Chapter have solidified their long-standing partnership by successfully organizing multiple blood donation drives throughout 2023.

Several BatStateU campuses and student organizations actively collaborated with the Red Cross to encourage faculty, staff, and students to participate in these life-saving initiatives. The collective efforts of the BatStateU community resulted in a significant contribution of 577 bags of blood.

This partnership underscores the commitment of both institutions to promote humanitarian causes and make a positive impact on the community. By working together, BatStateU and the Philippine Red Cross continue to save lives and inspire others to give back.

Sulambi VOSA's PAG-IBIGayan 2.0: A Day of Love and Service

Sulambi VOSA held a successful volunteer event, PAG-IBIGayan 2.0: Pag-ibig, Pagbibigay. On February 25, the organization collaborated with the Sagip Buhay Tahanan Foundation Inc. to provide assistance and support to the foundation's residents and social workers. Volunteers engaged with the residents, fostering a sense of community and compassion. To further support the foundation's mission, Sulambi VOSA donated essential goods and materials. The foundation expressed their gratitude for the organization's generosity. This event exemplifies Sulambi VOSA's commitment to volunteerism and highlights the positive impact that community service can have.



Partnerships for the Goals



BatStateU-The NEU hosts 17th National Symposium on Marine Science, advocating marine system restoration

BatStateU-The NEU took the honor of hosting the 17th National Symposium on Marine Science from July 20 to 22 at the Pablo Borbon Campus. The event focused on the theme "Saving our Seas: Restoring marine systems for people and nature" attracting marine researchers and practitioners worldwide to collaborate on safeguarding marine ecosystems.

The symposium featured innovative strategies for marine system restoration and preservation. Participants united to inspire collective efforts in protecting the seas and fostering sustainable coexistence with nature.

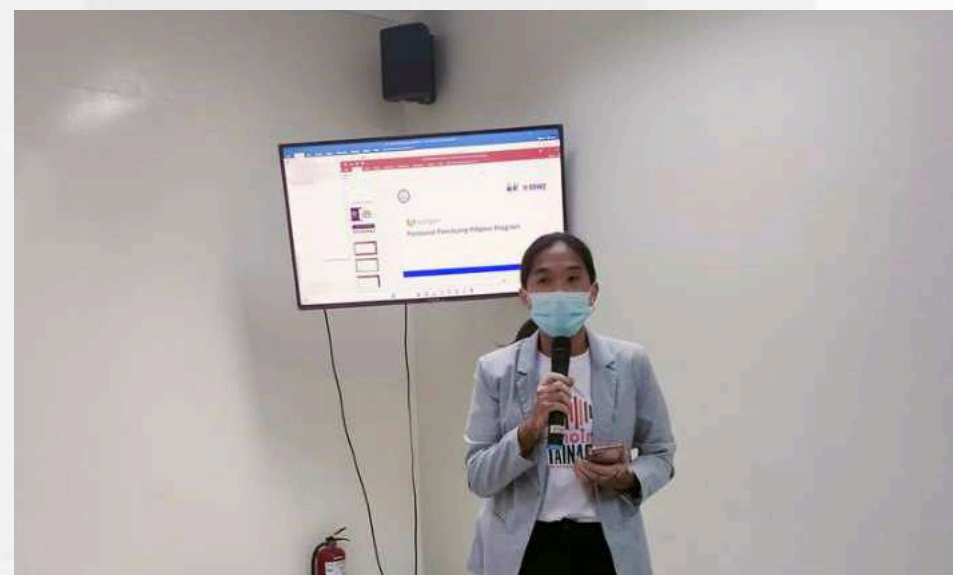
BatStateU-The NEU's hosting highlighted its commitment to marine conservation and promoting shared responsibility for safeguarding the seas. It marked a significant step toward advocating for the restoration of marine ecosystems and nurturing a sustainable future for coastal communities and the environment.

BatStateU-The NEU in attendance at PAC Meeting

Pursuant to Provincial Advisory Council (PAC) Resolution No. 002 series of 2022 on the reconstitution of the provincial advisory council and inclusion of key agencies for convergence as additional members for the Pantawid Pamilyang Pilipino Program (4Ps) implementation, Batangas State University was invited to take part in the First Quarter PAC Meeting on March 28, 2023.

Dr. Vaberlie P. Mandane-Garcia, BatStateU's representative, presented and discussed some University's programs, projects and activities (PPAs) that can be tapped by the Provincial Government of Batangas to further the support for Batangueños 4Ps beneficiaries. These PPAs can either be in the form of research or extension services. The meeting was initiated by the Provincial Social Welfare and Development Office.

BatStateU-The NEU is a new member of the Provincial Advisory Council (PAC).



BatStateU partners with key agencies to strengthen disaster risk reduction

Batangas State University (BatStateU) took a significant step forward in its commitment to disaster risk reduction and management (DRRM) by hosting a partnership meeting on June 21. The gathering brought together key regional, provincial, and city officials to discuss collaborative efforts in DRRM.

Led by BatStateU President Dr. Tirso A. Ronquillo, the meeting was attended by prominent figures including Hon. Reyhan Derrick Marquez, OIC-Regional Director of the Office of Civil Defense - CALABARZON; Mr. Ronald G. Generoso, Chapter Administrator of the Philippine Red Cross Batangas Chapter; Dr. Amor Banuelos Calayan, Head of the Provincial DRRM Office - Batangas; and Mr. Rodrigo Dela Roca, Head of the City DRRM Office - Batangas City.

The partnership meeting at BatStateU's Pablo Borbon campus provided a platform to explore opportunities for synergistic collaboration in disaster response. By leveraging BatStateU's technological resources and expertise, the partners aim to optimize the impact of their efforts and enhance the overall effectiveness of disaster management in the region.



Driving inclusion and equality in the digital age: Insights from THE Digital Universities Asia Conference

Dr. Tirso A. Ronquillo, President of Batangas State University and PASUC, recently participated in the Digital Universities Asia conference. He advocated for integrating inclusive business practices into higher education to address the digital divide and inequality in Asia. This involves incorporating technopreneurship courses into the curriculum, developing mobile applications for low-income communities, engaging in community service, commercializing university-produced goods and services, and fostering partnerships between universities, businesses, and local governments.

Dr. Ronquillo also highlighted the importance of liberal arts education in navigating the tech age, emphasizing the need for curriculum redesign to bridge the gap between liberal arts and technology skills.

The Digital Universities Asia conference underscored the importance of universities in shaping the future of digital-first higher education. Dr. Ronquillo's participation highlighted the potential of inclusive business practices and liberal arts education in addressing the challenges of the digital age.

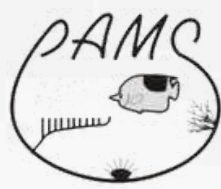


Sustainability Networks



Batangas Coastal Resources Management Foundation, Inc.

A non-profit organization that connects the academe and the industries to protect and address the issues of coastal resources in Batangas Province.



Philippine Association of Marine Science

A national organization, PAMS connects the academe, government, industries, development agencies, and non-government and private groups involved in marine science research and development in the Philippines.



Microbiology Consortium of the Philippines

A component of the Philippine Society of Microbiology that provides training opportunities in microbiology education.



Southern Tagalog Agriculture, Aquatic, and Resources Research Development and Extension Consortium (STAARRDEC)

A non-stock, nonprofit organization that collaborates efforts to boost the Southern Tagalog agriculture, aquatic resources, research development and extension activities.



Sustainable Development Solutions Network Philippines

SDSN Philippines mobilizes its members and leverages their strengths to help realize the SDGs through education, awareness and engagement, solutions.



Network of Calabarzon Educational Institutions

NOCEI, the Network of Calabarzon Educational Institutions, is a non-profit organization that fosters collaboration and cooperation among educational institutions in the Calabarzon region of the Philippines. It aims to enhance the quality of education in the region through various initiatives and programs.



Provincial Advisory Council (PAC)

The Provincial Advisory Council (PAC) of the Batangas Provincial Government is a body composed of various stakeholders, including representatives from the private sector, civil society organizations, and academe. It serves as an advisory body to the provincial government, providing recommendations and insights on various issues affecting the province.



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- Sustainability Report of ARASOF-Nasugbu Campus
- Sustainability Report of JPLPC Malvar Campus
- Sustainability Report of Lipa Campus



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