



BY | Yshia Bertish Tumalak

TCSHS Brings Home 11 WINS DURING THE DSTF 2025

BY | OCULUS

On October 3, 2025 the Tagbilaran City Science High School (TCSHS) was recognized as the overall champion during the Division Science and Technology Fair (DSTF) 2025, held at the Tagbilaran City Hall. They have outperformed around 12 participating schools Secondary Schools both Junior High and Senior High.

The participants of TCSHS brought home over 11 wins. Some participants placed First, second, and third and some also received major and special awards. This reflects the hard work and preparations done by both the participants and the coaches.

With all the achievements these participants received TCSHS celebrated their hard-earned achievements, and is filled with pride as their students showcased their talents in each category. This is not only a contest, but a step forward for their future in both Science, Technology, and Mathematics.

The following are the participants in each individual and team category, their coaches, and their achievements:

LIFE SCIENCE

Individual Category- 3rd Place

John Felix Rex Salise
Coached by Romelle F. Abucay

Team Category- 1st place

Major award: Best Emerging Scientist Award
Special award: Best Presenter- Team Category

Faith Estrella Cabusao
Argelyn Mae Dalen
Jarrese Danielle Ocmar
Coached by Flordynel A. Polo

MATHEMATICS AND COMPUTATIONAL SCIENCE

Individual Category- 1st Place

Major award: Best Presenter
Special award: Blue Economy Research Presenter Award

Nathaniel Muring
Coached by Alma Mae Putong

Team Category- 2nd Place

Special award: Best in Optimization and Operations Research

Kimora Penkian
Sam Stephan Biliran
Andrae Errol Quilicot
Coached by Ma. Antonette Rim

PHYSICAL SCIENCE

Individual Category- 1st Place

Special award: Most Innovative Physical Science Project

Ma Wendeli Cabahug

Coached by Anamie T. Galves

Team Category- 1st place

Major award: Impactful Physical Science Study

Lloyd Aaron Adaptar
Jace Maverick Dalmao
Christian Dominic Dacera
Coached by Flordynel A. Polo

INNOVATION EXPO

Individual Category- 1st Place

Major award: Best display
Special award, Most Promising Research Award

Althea Lamagna
Coached by Lucille Saraspe-Varquez

Team Category- 1st Place

Special award: Best in Low-Cost Technology Innovation

Denise Angelah Oculam
Ronesa Marie Sayon
Stephanie Kaye Villaces
Coached by Jasmine Belderol

ROBOTICS INTELLIGENCE MACHINE

Team Category- 2nd Place

Major award: Best Display
Special award: Best Intelligence Systems for Environmental Solutions

Mary Agnes Cua
Giovanna Rae Dologan
Abraham Ethan Abbas
Coached by Jasmine Belderol

SIYENSIKULA- 2nd Place

Arianne Mara T. San Juan
Coached by Jesmar Joseph Magdugo

Creative Team
Sheinna Dayne J. Antoque
Ramzteh Lee T. Tiongson
Audrick Manio
Angelo C. Balane
Austen Jansen B. Dumas
Zyrille Rose Balino
Niña Vinnies B. Ihalas

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Equinox holds SBPC in search of aspiring journalists

BY | Arn Charise Avila

Aspiring journalists gathered in Tagbilaran City Science High School (TCSHS) to take part in the School-Based Press Conference (SBPC) held on Saturday, August 23, as the Equinox began its search for new campus writers.

The Equinox, the official school publication of TCSHS, centered its SBPC with the theme:

“Empowering Students’ Voices: Navigating Truth and Integrity in Campus Journalism Amidst Digitalization and AI Innovation.”

The theme emphasized the importance of journalism and maintaining the truth and integrity in a world shaped by technological change. Students should not rely solely on digital tools but instead on their minds and their power to create.

More than 170 students from Grades 7-12 participated in various categories, including Column Writing, Copyreading, Editorial Cartooning, Editorial Writing, Feature Writing, News Writing, Photojournalism, Science and Technology Writing, Sports Writing, and Radio Broadcasting.

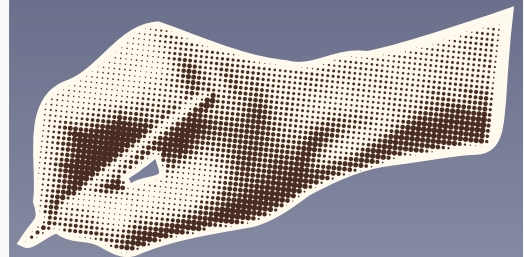
“SBPC serves as the platform that lets students discover their skills in journalism. It’s more than just a contest; it teaches us to engage with real issues and spot misinformation in a world where truth easily gets blurred,” *Raphaela Esther B. Lanoy, Equinox’s editor-in-chief, said.*



She further stated that discovering these skills matters because it helps students think critically and use their voices responsibly.

Participants from each writing category were given one hour to create their articles. After the contest, all outputs were collected and turned over to Ms. Marjorie Gantalao and Mrs. Ma. Mildred Zabala, the English and Filipino advisers of The Equinox.

The two advisers served as evaluators for the event and will review the students’ work to determine the finalists in each category.



The top three finalists in each category will be given a chance to train under Equinox and potentially represent the school in upcoming press conference competitions.

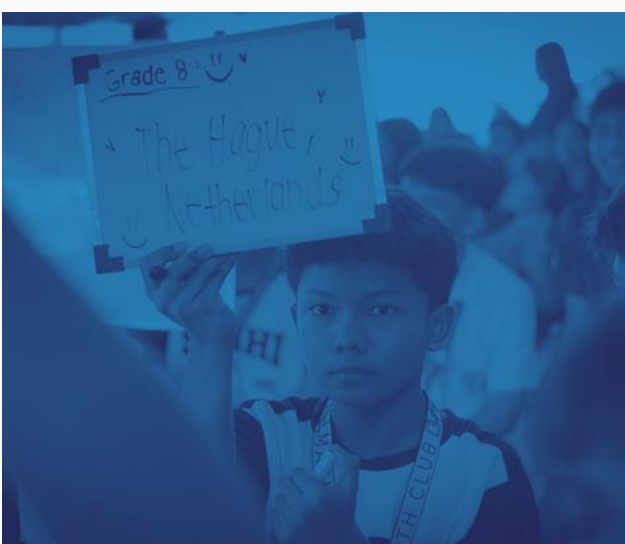
Through contests like the SBPC, Equinox continues to build a community of brilliant and creative journalists among young SciHi learners.

TAGBILARAN CITY, Bohol

— The United Nations (UN) 2025 celebration at Tagbilaran City Science High School concluded a week of activities that highlighted unity and cultural diversity among students.

Led by the TCSHS Society of Student Historians Club, the celebration officially launched on October 14, 2025, with the UN Poster Making and UN Parliament Debate contests, showcasing students' creativity and critical thinking skills. It continued on October 15 with the UN History Quiz Bowl and the second round of the UN Parliament Debate.

The week-long celebration aimed to promote global awareness, appreciation of different cultures, and unity among students. Through the various contests and activities, it reminded everyone about the importance of cooperation, peace, and the shared values of humanity that the United Nations stands for.



TCSHS HONORS UNITED NATIONS 2025 CELEBRATION HIGHLIGHTING CULTURAL DIVERSITY

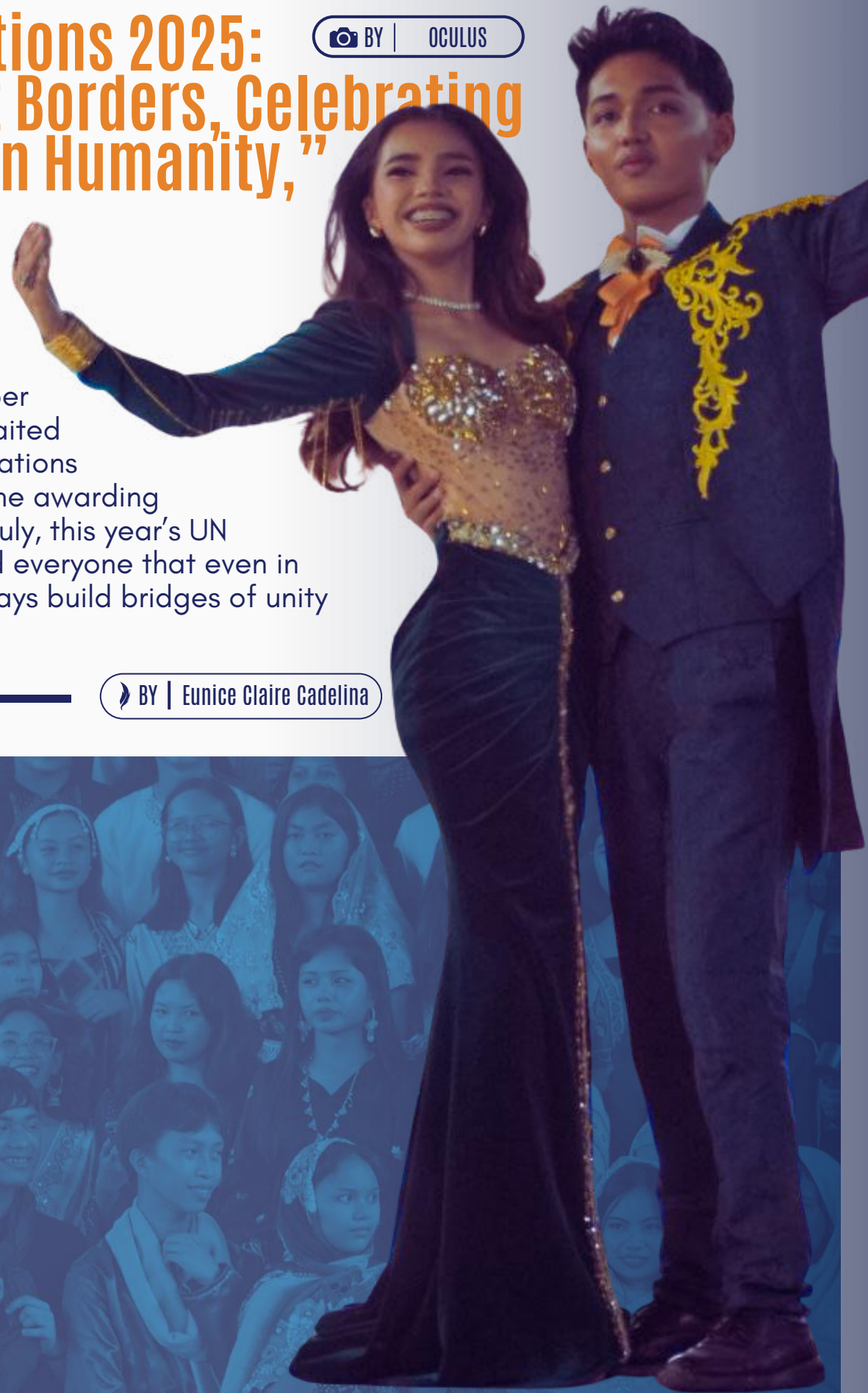
With the theme

**“United Nations 2025:
Bridges Not Borders, Celebrating
Our Common Humanity,”**

BY | OCULUS

the event brought both fun and learning to every SciHi student. The celebration culminated on October 17 with the much-awaited Mr. and Ms. United Nations 2025 pageant and the awarding of contest winners. Truly, this year's UN celebration reminded everyone that even in diversity, we can always build bridges of unity and friendship.

BY | Eunice Claire Cadelina



NEWS

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SABADO NIGHTS

SA MUSEO

BY ALTHEA LAMAGNA

TCSHS invited to perform at the BHL museum

Tagbilaran City Science High School (TCSHS) joined the National Museum of the Philippines' "Sabado Nights sa Museo" on October 18, 2025, after being formally invited to present a cultural program displaying Boholano youth talent.

The event opened with a piano solo by Victor Elpidio Galon, followed by a piano and violin duet by John Felix Rex Salise and Fiona de la Paz. Janah Geesnell Yap then performed a ballet piece.

Continuing with Tagingting, the school's rondalla ensemble performed a traditional piece, "Tinikling". This was followed by a presentation from the GLEE Club Scimonies, who performed two songs—"Salamin" by BINI and the Tagalog folk song "Sitiritsit".

The first set was concluded with a cultural performance by the Sayaw Alamdag dance troupe, dancing to a Filipino remix featuring various songs from different parts of the Philippines.

After the intermission, the Portside Band took the stage for the second set, closing the program with contemporary performances.

Audience members responded positively to the lineup, noting both the skill and dedication of the performers.

"The performances were all amazing!... I was wondering how they manage to balance the practices and their academics—especially since they were still students. I even saw students performing twice. It just shows how talented SciHi students are," Savanna Amoncio, one of the audience, shared.

For student performers, the event served as both exposure and experience.

"It was absolutely successful for me despite having room for improvement overall. Having the members exposed to different events like "Sabado sa Museo", where everyone could truly feel and witness the results of their hard work after the many hours they dedicated to rehearsals, was deeply inspiring for me," the president of the GLEE Club Scimonies, Ronesa Marie Sayon, said.

"Sabado Nights sa Museo" is an ongoing initiative aimed at supporting local heritage and encouraging young performers to participate in cultural activities.

This event is held every October as part of the National Museum's celebration of Museums and Galleries Month, offering Saturday programs that invite Boholanos to experience a different cultural atmosphere at the National Museum Bohol.

TCSHS' invitation and participation show the school's commitment to the arts and its role in promoting Bohol's cultural identity.



A Mother's Grief, A Nation's Lesson

BY | Jill Ann Gurbuxani

THE OFFICIAL STUDENT PUBLICATION OF
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the equinox

OPINION

A 6.9-magnitude earthquake that shook Bogo City and neighboring towns on September 30 brought tragedy to Cebu. Among the most heartbreaking stories was Jesiel Malinao, a mother grieving the loss of her two children. Her grief, captured in a single image, reminds us that tragedies result in more than just a death—they also leave communities in ruins, families devastated, and lives shattered.

Because of its location on the Pacific Ring of Fire, the Philippines has always been vulnerable to earthquakes. Every tremor is a warning that preparedness is not an option—it's a necessity. And yet, time and again, we see how fragile our communities remain. Collapsed homes, crumbling infrastructure, and insufficient evacuation plans highlight the shortcomings in our governance and preparedness for disasters.

The National Disaster Risk Reduction and Management Council (NDRRMC) has made progress in disaster response—through monitoring, issuing alerts, and organizing plans. But true preparedness is not measured in official statements alone. It must be seen in earthquake-resistant schools, hospitals, and homes; in efficient evacuation drills that people actually understand and practice; and in communities equipped with knowledge and resources to survive calamities.

We cannot stop earthquakes from striking, but we can choose how prepared we are when they do. Priorities that can save lives include investing in resilient infrastructure, strictly enforcing building codes, and enhancing disaster education in schools.

At the center of this tragedy are ordinary Filipinos. In the face of loss and heartbreak, families find the strength to stand again, neighbors extend helping hands, and communities slowly piece their lives back together. This resilience is a source of pride, but resilience alone is not enough. Resilience should not be used to justify our suffering or to absolve those in power of their responsibility.

It should not be a shield for government neglect or a reason to settle for less. When billions are poured into ghost projects and empty promises, yet disaster victims are left with little more than "hope," something is deeply wrong. Real resilience means demanding accountability and building a country where people can live safely, not just survive. Without accountability and real reform, the cycle of loss will only continue. The grief of Jesiel Malinao is a painful reminder that behind every disaster statistic is a life, a family, a life that might have been spared—if only we had been truly prepared. Even in despair, stories of volunteers, rescuers, and survivors remind us that compassion often rises from the rubble.

The earth will shake again. The question is: will we keep burying our loved ones in the rubble, or will we finally build a future where no mother has to grieve the way Jesiel Malinao does today?

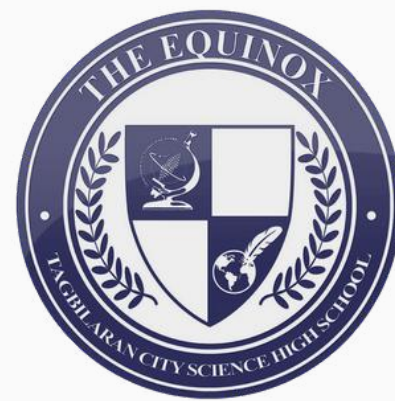
ARTWORK BY | Kristia Lupague



Rising Water, Rising Responsibilities

BY | Chea Rose Damgo

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ARTWORK BY | Ariana Mei Acero

Flood control projects (FCPs), either existent or ghosted projects, have been a major issue in our country lately. These projects aim to prevent flooding, reducing risks to lives, property, and the economy. Since 2009, the government has turned to FCPs as a response to the yearly threats of the rainy season. As the rainy season passes by, more floods in our country have continued to increase.

These projects play a vital role in protecting the Philippines and ensure the safety of people from the constant threat of typhoons and heavy rains. They reduce the risk of deaths, injuries, and damages to communities during calamities. Most of all, these projects give communities hope and strength, knowing they are safer and more prepared for upcoming natural disasters.

The problem, however, lies in the corrupt nature of some politicians. Funds for the flood control projects are misused or projects left incomplete by them. The government has been receiving many concerns from the citizens about the FCPs that may have or may have not been seriously implemented by the politicians in certain areas. The focus of the concerns from the citizens are mainly on how corrupt the politicians are these days — acting out of self-interest rather than duty.

On September 21, 2025, there were rallies, crowds protesting, waving banners and voicing out the issue against the corruption of the politicians. People say taxes go to the politicians' self-interests instead of implementing projects that are necessary for society. Some citizens have raised concerns about the Department of Public Works and Highways (DPWH), believing that it should be more transparent and responsible in managing the projects.

These actions showcase the fierceness and bravery within the fellow Filipino people fighting for justice and their rights to receive what they worked hard for. Let us spread awareness about this issue — don't let it die until we find and get the justice we deserve. FCPs are not just ordinary projects — they are lifelines for Filipino survival. Let us continue to fight corruption and demand accountability, so that our taxes build the safer future we deserve.



Walk of Conscience:

A Nation's Cry and Regrets

September 21, a day etched in history for its somber significance, witnessed a different kind of gathering across the Philippines. Crowds flooded the streets across the country, shouting in protest and waving banners in rallies—a powerful demonstration of collective frustration against the corruption that seems to be part of everyday life in our nation. The overwhelming feeling of betrayal was clear, as citizens from all walks of life rose to confront the "crocodiles" in the government, which have feasted on the public trust for too long. This remarkable demonstration was unprecedented in its size and coordination, a glaring and undeniable indication of the people's growing anger. It was a clear call for transparency and accountability for an end to the culture of impunity that has caused these predators to flourish. The people had enough.

The rallies served as an effective platform for voicing a long list of objections to the officials' outright negligence towards their constituents. In the upper parts of Visayas and in Luzon, millions in funding for flood control projects have apparently disappeared, leaving communities unprotected from nature's fury and climate. The infrastructure meant to keep them safe is now a testament to stolen money, a monument to the government's false obligations. Moreover, drug use and crimes are endemic on our streets, with a justice system where justice is on sale and the law is a mere coincidence. In this regard, the officials' avarice and greed have not only stolen public funds but have also compromised proper safety and security for the Filipino people.

As the sun set on this significant day, a quiet, somber realization took hold of those gathered. The rally was not simply one of protest—but also one of the regrets. Many walked with heavy hearts, recognizing that their choices contributed to the very system they now protested against. The walk was a collective admission of regret that they voted for the wrong person based on false promises and empty rhetoric. All the while, the sadness they felt also had a root deeper than regret—even when they elect a genuinely righteous leader, the insidious tentacles of corruption seem to grab hold of even the best intentions. The walk of conscience was a harrowing reminder that, in the Philippines, the societal struggle against corruption is ongoing, against an enemy they must eternally fight.



ARTWORK BY | Lou Ibaya

TWO-DIGIT DIFFERENCE

The struggles and successes of every student go beyond just two numbers printed on paper. It's time for everyone—not just students—to realize that. As long as we continue to put so much weight on numbers rather than words, students like me are forced to set aside our greater potential.

The Philippines is a nation that gives importance to students' grades, but the way it's done is flawed.

Learners all around the Philippines will always have that feeling of not doing enough. I've always tried my best, but I feel like I could do better. This feeling is the bane of my existence; it's one I wish would eventually go away. But now, I realize that as long as the cards keep coming, I'll still have to keep trying.

Even as I constantly make sacrifices to prioritize my schoolwork, the report card is the ultimate judge. It's crazy to think that those two digits on your card can easily decide your fate. If the first digit of your average is less than 9, everything you've worked for is gone. You won't even get the chance to walk down that aisle, step on that stage, and flaunt that medal.

I just wish to live in an environment that doesn't make me feel like I'm constantly swimming, trying not to drown. I want that card to make me feel like I'm enough. I need it to be something that feels like an achievement rather than just a checkpoint.

Two mere digits shouldn't make a difference on me; I should be the one making a difference—on my report card, on myself, and on the world.

WRITTEN BY | JACE MAVERICK DALMAO

I have interests and skills beyond academics, but my report card won't even bat an eye at them. As someone who desperately tries to balance my life as a person and as a student, I'm constantly stuck between having to study for tests and developing my other talents. It's always a battle between being who I am and who society wants me to be.



FORMULA TO SUCCESS

BY | The Equinox

WRITTEN BY | ALTHEA LAMAGNA and RAPHAELA LANOY

Two graduates of Bohol Island State University (BISU) and alumni of Tagbilaran City Science High School (TCSHS) Batch 2020 have secured spots in the Top 10 of the April 2025 Civil Engineering Licensure Examination.

Irah Angellie Doroy ranked 8th with a passing rate of 91.55%, while Kevin Jeade Campeceño placed 9th with a 91.30% passing rate. Out of 16,913 examinees nationwide, only 4,940 passed the board exam—the ranks of Doroy and Campeceño are a testament to their calculated and purposeful journey and preparation.

ROOTS

Before earning their spots among the topnotchers in the April 2025 Civil Engineering Licensure Exam, they were once students who graced the halls of Tagbilaran City Science High School.

It was at that institution that their foundation was laid, not just in English, science, and mathematics, but also in the values instilled by the TCSHS community—discipline, resilience, and mindset. Known for its meticulous academic environment, they have been shaped early on to think critically and aim high wherever they go.

However, those formative years did not just prepare them academically; their characters were built. Whether it was excelling in the core subjects of the STEM Strand, time management, or even social life, Doroy and Campeceño graduated high school with more than just high grades—they graduated with grit and grace.

Pursuing civil engineering at the Bohol Island State University (BISU) - Main Campus was their next step after high school.

With their academic roots planted at TCSHS and beginning their next academic journey during the pandemic, the transition was not without its challenges. But with the values instilled in them early on guided through the demands of their college life, and ultimately, through the board exam review sessions.

With their success, roots with pride and determination are still carried; it does not just happen overnight. It starts earlier on the training grounds, where passion is planted, and ultimately, the discovery of their formula.

A TOPNOTCHER'S FORMULA

In an exclusive interview with *The Equinox*, Doroy broke down the key elements of her personal **"formula to success."** She revealed that immediately after graduation, a consistent review of her

notes was done; a foundation for what would become months of preparation.

Doroy enrolled in online review programs before attending face-to-face sessions at the Gillesania Engineering Review and Training Center in Cebu, where the Queen City of the South became her home for five to six months. Taking part in group study sessions, where teaching her peers helped deepen her understanding of the complex material, which is a crucial part of her preparation.

Grabbing that spot does not come from wit alone. For Irah Angellie Doroy, it was the people behind their success. The road was anything but easy; moments of anxiety and fear of the unknown crept in more times than she could count. But each time it troubles her, she revisits a family photo taped on

her wall with the words, **“to whom are you doing this for?”**—a simple reminder that becomes a powerful anchor.

Her faith was the deepest root; it was God’s never-ending grace. Through prayers to Him, Mama Mary, and the saints, she found courage in the most uncertain times. **“I felt as if I was called to be here, and that I could accomplish anything as I walked with Him.”** She drew strength from her family’s unwavering love, inspiration from their review instructors, friends, and batchmates who believed in her potential long before she could.

Apart from that, of big encouragement is Kevin Jeade Campeceño, who is not only her batchmate

and schoolmate from high school to college, but also her boyfriend. The two supported each other throughout the review process. **“His presence kept me grounded, focused, and emotionally strong,”** she added. They supported each other through it all—study sessions, prayers, and reminded each other of their purpose.

The formula crafted for success is not about a single strategy nor a secret—it was the result of purpose, prayer, determination, and the quiet but steady presence of people who believed in their capabilities.

ENGINEERED PASSION

As a Tisay alumna, Doroy offers more than encouragement—a

blueprint. “Remember that success doesn’t happen overnight; it’s a result of consistent effort, discipline, and faith,” she advised.

Her formula revolved around the three fundamentals: curiosity, discipline, and consistency. Prioritizing concepts, mastering them through frequent practices and applications, was the cornerstone of her strategy. She also added that teaching others when you can reinforces your learning.

“Above all, put purpose in everything that you do, whether it’s for your family, your future, or God’s greater glory. Stay rooted in that purpose, no matter how tough the journey gets.”

When challenges try to embrace you, uplift yourself, and entrust your dreams to the Lord.

She ends her message with inspiring words of hope: “I know you can do it. I was once a Tisay student too, and I’ve seen firsthand how capable and resilient Tisay students are. Keep chasing that dream, and in God’s perfect time, it will be yours.”

aCEs

From the humble halls of TCSHS to the world of engineering, Doroy and Campeceño proved that brilliance should not be the only variable to success, but purpose, discipline, and spirit will get you on top. Both aced their journey and paved the way for others to build their trek towards their dreams with their very own formula for success.

Top 8 91.55%
Irah Angellie Bernil Doroy

91.30% **Top 9**
Kevin Jeade Rasonado Campeceño

DREAMING IN STORM

Gabriel Bernalte,
TCSHS alumnus,

PHOTOS BY | TOMSP and FAS MARITIME

brings home
the TOMSP title

BY | RHIAN GLERIGO

Risen from the lush and greenery of Bilar, Bohol—a young mind with dreams that set sail beyond the plain horizon. The youngest of six siblings, Gabriel Bernalte had his mind set from the very start. He had the firm aspiration of a better future, fueled by the sight of each heavy sigh and calloused palms of his parents. They spent their days tending to a farm—scrambling coins and curled-up bills to make ends meet.

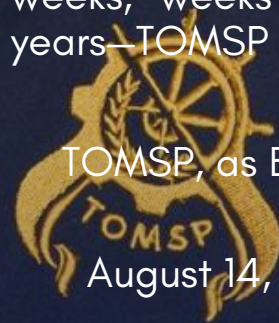
He went to Tagbilaran City Science High School and was the lead anchor for the school's radio broadcasting team, "DYDX", wherein they made it to the finals. Later on, he graduated and was granted a scholarship by K-Line Maritime Academy of the Philippines. He pursued his education at Cristal-e-College, Bohol, with the course of Bachelor of Science in Marine Transportation.

It was through the same Scholarship Department that he learned of the existence of the "Ten Outstanding Maritime Students of the Philippines" also known as "TOMSP". It encouraged learning beyond academics: through partaking in events, communities, and leading initiatives. For them, TOMSP was more than an award—it was the pinnacle of honor and excellence, a true recognition of greatness that any maritime student could receive. Once Bernalte laid his eyes on the award, his heart was set ablaze. He needed that award.

Throughout 2018–2020, he joined environmentally nurturing programs like mangrove plantings and coral surveys. He developed his leadership ability by becoming the First Minister of the Scholar's League. He brought pride to the CeC name by competing in debate contests wherein he brought home victory and the "Best Speaker" award. Furthermore, he joined the International Youth Conference in Malaysia, and became the first editor-in-chief of the Maritime Department's newsletter. All while maintaining his grades as a scholar and serving as the Cristal-e-College Student Government President.

With a mind full of dreams and a heart full of passion, he dove in headfirst—without turning back.

However, TOMSP tuned down into a quiet hush as the pandemic swept the world indoors. Days turned into weeks, weeks turned into months, months turned into years—TOMSP seemed to have vanished into thin air.



TOMSP, as Bernalte stated himself, became his "Multo".

August 14, 2025. The day dreams woke up.

Bernalte was making his way out of the school campus for his lunch when he met a familiar face—Sir Mark Glen Baldo. He greeted him with the same smile as when they had last spoken two years ago. Then, he casually told Bernalte that he was being nominated for the TOMSP. Bernalte could not reply with anything but a smile. But deep down, his flame that stifled years ago—reignited brighter than ever.

TOMSP required a paper screening, a written examination, and a panel interview. During the interview, the panelist asked him, "What makes you unique from the other finalists?" He smiled, he already knew his answer. Bernalte replied, "What makes me unique is that I never came here for the award. Looking back, I realized that TOMSP was never about the award. It was about the person I became while striving for it."

He left the room smiling; to him, the title no longer mattered at that point. For he knew that TOMSP already molded him into the person and leader he aspired to be. Bernalte adds, "I felt good—because I was real. No flowery words. No pretenses. Just me and my story."

On September 27, 2025 the Top 10 were determined and were announced last September 28, 2025 in ALU-APSU-ITF Building in Cubao, Quezon City. Bernalte is awarded to be among the Ten Outstanding Maritime Students of the Philippines. Additionally, on October 1, 2025, "K" Line Maritime Academy Philippines gave recognition to Mr. Bernalte for showcasing his excellence as a maritime student.

From the fields of Bilar where he began to set sail in the vast sea of dreams, Bernalte's story reminds us that the wait and the journey is what shapes us into the person worthy of the dream. Despite the silence, the uncertainty, and years of waiting, he kept moving forward. He worked not just to win an award, but to embody the true meaning of what the Ten Outstanding Maritime Students stands for. Just as the boy who watched his parents scramble curled-up bills and coins learned to rise above circumstances, like him we can choose to use our dreams as a compass and passion as our sail.

Even when
the seas are rough
and the storm is on
the horizon, those
who dare—become
more than the
greatest sailors;
they become the
ones who stood
back, stood tall,
and picked
themselves up
after every fall.
That, is the
greatest award
above all.

THE LAST SPELL, THE FINAL CHANT:

The End Of The INTRAMURALS 2025



BY | RHIAN GLERIGO

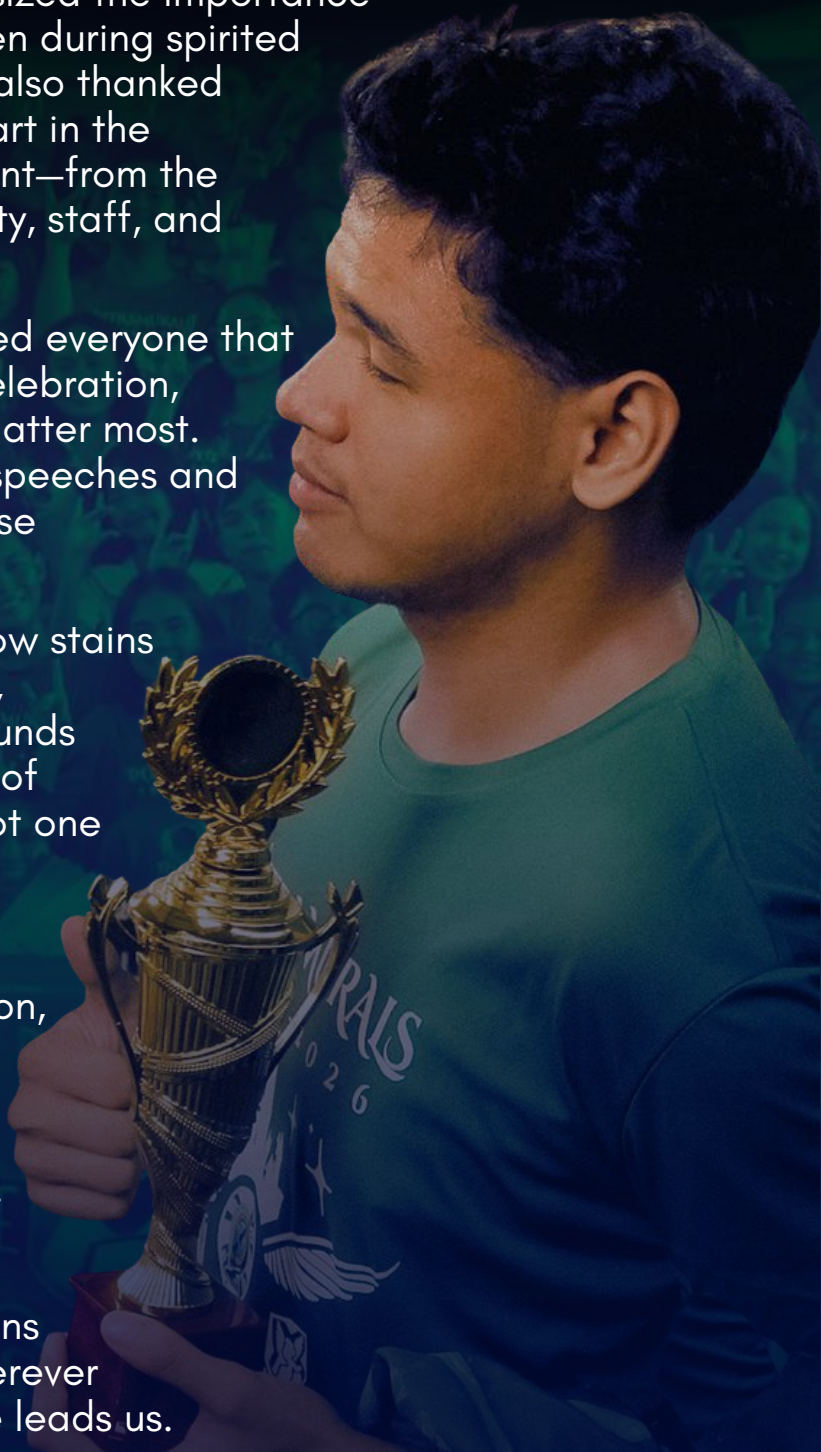
After days filled with nerve-racking excitement, yells that cheered like spells echoed—for the last time. The Tagbilaran City Science High School Intramurals concluded on September 8, 2025. The court that once echoed with the chants of Gryffindor, Hufflepuff, Ravenclaw, and Slytherin is now stained with magic that colors dusty floors and crumpled banners with the golden shimmer of victory and sportsmanship.

The closing ceremony was nothing short of magical. Team banners and flags waved proudly in the air, as if reaching for victory up high. Students gathered in sweaty anticipation and high hopes, cheering like Vikings after battle. The program featured the announcement of the winners of both minor and major awards. Tension grew with each award, the stakes rising higher and higher. In the end, Slytherin emerged as the overall champion of this year's intramurals.

As the ceremony drew to a close, Sir Aljon Fronteras, the school's head teacher, gave his final remarks to officially end the event. He emphasized the importance of following rules, even during spirited events like these. He also thanked everyone who took part in the succession of the event—from the students, to the faculty, staff, and everyone in between.

His words reminded everyone that even in victory and celebration, discipline and unity matter most. And yet, beyond the speeches and awards, something else lingers in the air.

The magic that now stains our court, classrooms, painted uniforms, wounds and scratches, drops of sweat and tears, is not one of fantasy. They are remnants of lessons learned from every ounce of determination, teamwork, resilience, strength, and endurance—shaped by every win and loss. Magic that lives on forever—as remnants, as memories, as lessons we carry forward wherever the path of the future leads us.





HAOM-TANOM:

An analysis of Earth, unlocking its **worth**

BY | Francis Andre Mejares

Imagine a farmer in Bohol, standing at their small plot of land that has been passed down in their family for generations. The soil might've looked the same as it always has. However, for years, they struggled to grow their crops. Multiple times, they've tried planting different vegetables, invested in different kinds of fertilizers, and hoped for rain to come, yet the yields of their crops continue to remain low. One may say that it could be a systemic problem plaguing an entire province. Furthermore, despite 45% of Bohol's land being dedicated to agriculture, the place still imports a certain portion of its fruits and vegetables from other regions like Mindanao. This reliance drives up costs, compromises freshness, and worst of all, leaves local farmers trapped in a cycle of trial-and-error farming.

The consequences don't only affect one, but the entire community. In May 2024, Bohol's inflation rate soared to 5.1%—1.2 percentage points above the national average. For the bottom 30% of households, the inflation rate on essential goods was a shocking 10.7%. Behind these abstract percentages are real families out there. Families struggle to afford fresh produce, while farmers face rising costs without a matching rise in income. The issue just lies beneath us all, the soil we stand on. Issues like soil acidity, improper nutrient levels, and poor soil-crop compatibility sabotage agricultural productivity. This is the complex challenge that Team Luntian from Tagbilaran City Science High School set out to solve with a surprisingly straightforward innovation, introducing the HAOM-TANOM Advanced Soil Analyzer.

Thus commenced the interviews with local farmers in Carmen, and Bilar confirmed their findings. Many farmers revealed to them that they had no access to formal soil testing. Their method was one of costly experimentation—adding organic fertilizers and observing a process that wasted an abundant amount of time, resources, and as well as land potential. As one farmer said, a simple soil testing kit would be "extremely beneficial" to eliminate this guesswork.

This is where the HAOM-TANOM device makes its grand entrance. It's not that soil sensors are a new invention; what makes the HAOM-TANOM innovative is its integrated and user-centric design. The device incorporates multiple sensors into a single, portable tool that measures the key soil properties, including pH, NPK levels, humidity, temperature, and electrical conductivity. With just a single press of a button, a stainless-steel rod penetrates the soil, and the sensor relays data to the Arduino Nano. The results are then displayed on an LCD screen, providing users with something they've rarely had before: clear and accessible soil status readings.

The potential impact of this project is profound. By ensuring farmers plant the right crops in the right soil, the device directly addresses the core problem of low yield and high production waste. Not only that, it causes a positive ripple effect. Increased local production means a much greater supply of fresh, high-quality vegetables in Boholano markets. This abundance can help stabilize and possibly even lower food prices, directly addressing the high inflation that burdens many consumers. For farmers, higher and more reliable yields translate to better income, fostering economic resilience and making farming a more sustainable livelihood.

Team Luntian's work on their project earned them recognition as finalists in the Shell NXplorers - The Bright Ideas Challenge 2025, reflecting the practical and user-centered innovation led by adviser Anamie T. Galves and driven by the collaborative efforts of researchers Venice Loraine Rollorazo, Shareh Love Toylo, Ronesa Marie Sayon, Stephany Kaye Villaces, and Jace Maverick Dalmao. The team conducted field interviews with Boholano farmers, developed a functional prototype using Arduino Uno and soil sensors, and applied systems-thinking tools. Their research illustrates how youth-led, interdisciplinary collaboration can transform local agricultural challenges into accessible technological solutions with meaningful social and economic impact.

Inherently, HAOM-TANOM is a bridge to a secure agricultural future. Turning soil data into actionable knowledge, it empowers farmers to break free from cycles of uncertainty and move toward confident, productive, and sustainable agriculture. This project establishes that the most powerful solutions are not found in complex systems, but in giving people the right insight. With Team Luntian's HAOM-TANOM, this project starts something small but meaningful—a tool that could help Bohol's farms thrive as much as the dreams of the farmers who work them.



ECO-NET.

Student innovation becomes an award-winning invention

Eco-Net, a student-built prototype that converts plastic bottle disposal into free Wi-Fi access, garnered multiple awards at the Division Science Mathematics and Technology Fair held at the Tagbilaran City Hall Atrium on October 3, 2025. The project—conceptualized and developed by Mary Agnes Cua—aims to address plastic pollution resulting from the improper disposal of single-use plastic bottles, promoting recycling through an incentive-based system.

This innovation was first conceptualized by the researcher, Mary Agnes Cua, in November 2022 when she was in grade 8 as her research study. Motivated by the growing environmental concern caused by plastic bottle waste and the lack of Wi-Fi connection in certain areas, Cua envisioned a machine that would encourage proper disposal of plastic bottles in exchange for 10 minutes of internet connection for every bottle disposed of

In 2023, she began building her prototype in her residence in Tagbilaran City, where early experiments and testing were held. In 2024, the system—which uses Arduino software, a sensor-based mechanism, and an Orange Pi PC as the Wi-Fi host—was completed and successfully defended in December of the same year.

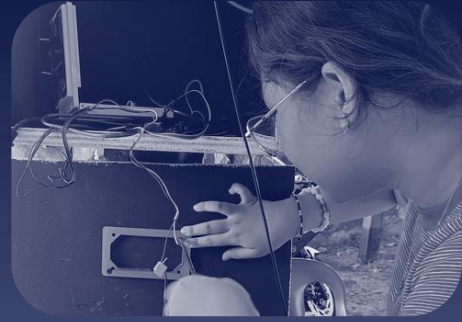
The prototype's mechanism works by recognizing a plastic bottle through an ultrasonic sensor, which then communicates with the Arduino to relay a signal to the Orange Pi PC. Once confirmed, the system then activates a ten-minute Wi-Fi connection for the user. The exterior of the prototype was also made with recycled wood, strengthening its environmental purpose.

In preparation for the competition, the prototype was brought to Tagbilaran City Science High School for survey testing this 2025 to determine its efficiency and user acceptance. Later, Cua was joined by Abraham Ethan Abbas and Giovanna Rae Dologan as the project entered the Division Science Mathematics and Technology Fair.

During the competition, Eco-Net earned **Second Place** in the **Robotics Intelligence Machines Team Category** in the **Tagbilaran City Division Science and Technology Fair**. It also received two additional awards: a major award for **Best Display -Team Category**, and a special award for **Best in Intelligence Systems for Environmental Solutions**. The project not only showed creative integration of environmental advocacy and technological innovation, but it also offered a practical solution to waste management while providing an incentive widely needed by the public.

According to Cua, the primary goal of Eco-Net is to promote responsible disposal by transforming used plastic bottles into internet connectivity. Although the project was conducted to meet the researcher's requirements for her research class, what motivated her the most was to make an innovative contribution that could solve environmental problems while providing something communities need.

For her, Eco-Net was not just a study. It was when she discovered that new inventions could help address global problems while helping numerous people in the process, and with further development, Eco-Net could make a significant difference beyond the school setting. If implemented in public areas such as parks, terminals, and schools, the system could reduce plastic bottle waste while providing WiFi connection to students, workers, and everyday citizens, encouraging proper disposal and showing that even simple innovations have the potential to create lasting solutions for the environment and community.



TCSHS

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WOMEN'S VOLLEYBALL

WRITTEN BY | ABRAHEM ETHAN ABBAS

TCSHS Ravens Highlight Progress Despite Setback to TCC Legame Athlima

The TCSHS Ravens faced a tough loss against the formidable Tagbilaran City College (TCC) Legame Athlima in their recent volleyball matchup at the Tagbilaran City Science High School Covered Court, ending with set scores of 25-12 and 25-16 in favor of TCC. Despite the defeat, the game was a reflection of both struggle and growth for the Ravens, whose determination shone through every rally.

Before the tune-up game, the TCSHS Ravens girls' Volleyball team coach, Evonne M. Batingal, gathered the team for an open forum to discuss what needed improvement. She emphasized that "skills can always be developed, but attitude must come from within." The discussion was followed by a series of training sessions and meetings to strengthen teamwork and communication, areas where the Ravens admittedly needed improvement.

Before the tune-up game, the TCSHS Ravens girls' Volleyball team coach, Evonne M. Batingal, gathered the team for an open forum to discuss what needed improvement. She emphasized that "skills can always be developed, but attitude must come from within." The discussion was followed by a series of training sessions and meetings to strengthen teamwork and communication, areas where the Ravens admittedly needed improvement.

The first set opened with TCC taking an early advantage. However, Ravens' captain Mich Ann Pacifico (#20) quickly made her presence felt with strong serves and aggressive attacks, momentarily shifting the momentum. Still, TCC regained control mid-set, stretching their lead to 17-9 as the Ravens struggled to keep pace. Despite a spirited late rally, the Ravens ultimately fell short, dropping the first set, 25-12.

The second set started with a tighter exchange, both teams tying at five points. However, as the set progressed, TCC's consistent plays under team captain Mae Gilay (#3) pushed them ahead. Coach Batingal called a timeout to remind her players not to waste their serves and to keep their focus as they tried to close the gap. The Ravens fought hard but ultimately fell short, 25-16.

After the game, team captain Pacifico reflected with optimism despite the loss.



"From our past games, I've seen improvements, even if we lost. You can really see the team's effort and determination," she shared. "The Ravens are still learning to trust each other and play with confidence. Sometimes, we're too afraid to make mistakes, and that's what holds us back. But with every game, we're improving and learning to enjoy the game more."

The TCSHS Ravens may have fallen short on the scoreboard, but their spirit and growth on the court hint at a promising future. With stronger chemistry and renewed confidence, this young team looks forward to rising higher in their next matches—one rally at a time.

BY | ABRAHEM ETHAN ABBAS



TCSHS' Rising Stars

Glide to Success in Dancesport

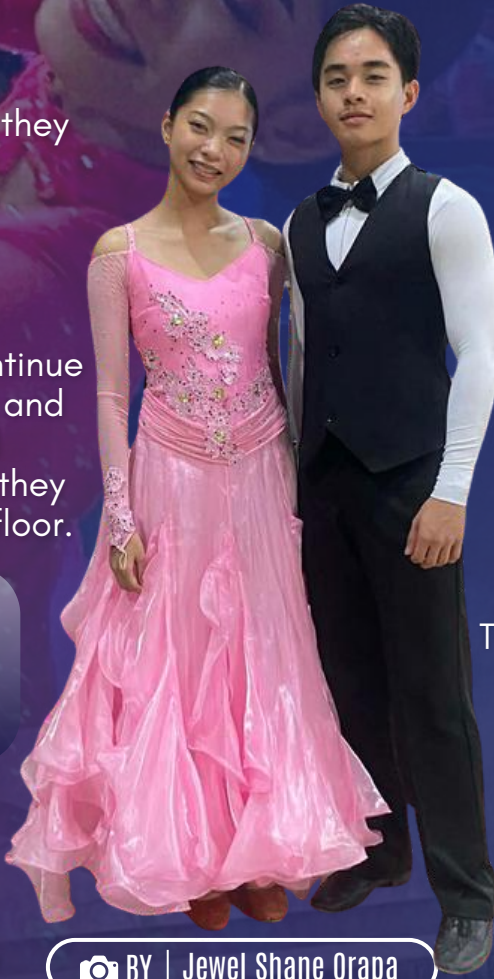
BY | Lynnea Kalliope Gaspar

Jewel Shane Orapa and John Ezra Pahang shone individually before teaming up as a promising duo for Tagbilaran City Science High School (TCSHS) 's dancesport team. Their recent performances strengthened their growing reputation in the sport as they delivered creative and polished routines during the Tagbilaran City Meet 2024 and the Provincial Meet 2024.

Looking ahead, Orapa, along with Pahang, is already preparing for the City Meet 2025 as they continue to build their future in dancesport with determination and quiet confidence. Their victories in both the Provincial Meet and the Tagbilaran City Meet remind them that they can rise under pressure whenever they step onto the floor.

"At first I felt really scared and pressured, but once you step on the dance floor and focus on dancing, it all just goes away and follows the flow," Orapa shared in an interview.

When asked how she deals with tough competitors, she explained that she simply prays and trusts God to help her through every moment of the performance, while Ezra, who is equally motivated, carries his confidence while reminding himself to enjoy every moment of performing, no matter how strong the competition feels.



BY | Jewel Shane Orapa

"For me, the key to handling pressure is to be confident and enjoy my performance more than anything and every second spent there," Pahang said.

Together, the TCSHS pair follows a steady training routine with Jewel practicing for one to two months and keeping habits like jogging ten laps inside the gym and avoiding soft drinks, as Ezra usually trains two to three months before a competition and joins workshops led by dance experts whenever the opportunity comes.

These sessions help them sharpen their form, timing, and overall synchronization as partners.

The duo remains committed to representing TCSHS with excellence as they aim for bigger stages and tougher contests in the world of dancesport.

They will be partners for the upcoming City Meet, although Pahang will not be able to partner with Orapa next year because he will already be overage, but regardless, with passion, discipline, and growing confidence, both dancers continue to prove that they are among TCSHS' brightest rising stars in dancesport.

TCSHS Ravens battle HNHS in RVL Fight

BY | Lynnea Kalliope Gaspar

BALILIHAN, Bohol — With school pride on full display and determination fueling every step, the TCSHS Ravens Girls Volleyball Team stepped onto the court against the Hanapol National High School (HNHS) for the REBISCO Volleyball League (RVL) 18 & Under Southwestern Bohol 1st District Pre-Qualifying Tournament, determined to fight for a spot in the Central Visayas Regional Qualifiers at Balilihan Gymnasium, September 20, 2025.

Facing a composed and aggressive Hanapol National High School squad, the Ravens battled through every rally before falling short, 17-25, in the single-set knockout round.

BY | Calvin Martin Weigel



Though the result did not land in TCSHS' favor, the Ravens played with heart, showcasing hustle on defense, persistent effort at the net, and unwavering team spirit from start to finish.

The lineup, led by captain Mich Ann Pacifico, included Ronesa Sayon, Sofia Denille Asur, Denise Beia Monica Bajao, Angeliz Aupe, Elmary Jelace Ardon, Princess Cyrenne Duligiez, and Saniah Malabo, under the guidance of coaches Ma'am Evonne Batingal and Ma'am Jasmin Belderol.

"Even in the first set, it was already clear in our game that we were nervous, which is why we didn't have much communication and couldn't properly execute what we had trained for. But even though we didn't get the victory we wanted, we still gave our best until the end and that's what matters most", quipped Captain Pacifico.

The loss does not overshadow the Ravens' effort. It becomes another step forward, built on experience, teamwork, and belief in the journey ahead. This match gave them a chance to grow on a bigger competitive stage, and the TCSHS Ravens return home not defeated, but motivated, carrying lessons that will strengthen their resolve for the next opportunity.

At the end of the day, the scoreboard only tells part of the story. The heart of the Ravens tells the rest.