CS WIZARDS

ILLUMINATING SCIENCE AND SOCIETY WITH A JOURNALISTIC LIGHT

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The Official Student Publication of the **College of Science**

Volume 01
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AUGUST 2024 TO **APRIL 2025**



DEVELOPMENT COMMUNICATION

Tanglaw Sa Lilim ng Hagdanan:

Pagsilip sa Kalagayan ng mga Munting Espasyo ng mga Organisasyon ng Kolehiyo ng Agham

/ QUEENIE IRISH O. QUIRAY

Upang makapagpatayo ng mga nagtatarikang mga gusali, kailangan muna itong dumaan sa mahaba at masusing proseso para makabuo ng isang konkretong pundasyon nang sa gayon ay matiyak ang tibay at katatagan nito sa paglipas ng panahon.

Sa anumang larangan, hindi na bago ang ganitong prinsipyo.

Maging sa mga matatagumpay na indibidwal at samahan, kailangang may sapat at matibay na suporta upang maisakatuparan ang kanilang mga layunin.

Subalit, hindi ito madaling makamit —tulad na lamang ng kasalukuyang kalagayan ng mga punong-tanggapan ng mga organisasyon sa ilalim ng Kolehiyo ng Agham.

Maliit, mainit, masikip—ganito ilarawan ng mga lider-estudyante mula sa Kolehiyo ng Agham ang kasalukuyang kalagayan ng kani-kanilang mga "headquarters".

Hindi na ito bago sa pandinig para sa karamihan, sapagkat ang mga maliit na espasyo sa mga ilalim ng hagdanan ng mga gusali ang nagsisilbing kwadro ng mga organisasyon.

pahina 42

Patuloy na Pagtindig: Posibilidad ng The Big One sa Pilipinas

/ BRENT MARCO M. CAMUS

Kung walang yayanig, wala rin bang titindig?

Laman ng balita kamakailan ang yumanig na magnitude 7.7 na lindol sa Myanmar at Thailand, na naging dahilan ng pagkasawi ng halos 1600 katao sa mga nabanggit na bansa. Idagdag pa rito ang malawakang pagkasira ng iba't-ibang gusali, tulad na lamang ng 30-storey skyscraper sa Thailand. Dahil sa tindi ng pinsala ng lindol na ito, naalarma ang ilang mga karatig na bansa, gaya na lamang ng Pilipinas, sa kung ano nga ba ang bitbit na panganib sa loob ng Pacific Ring of Fire.

pahina 69

CS Dean Dr. Pagtalunan: BSM-BA to be 'parked' temporarily

/ MICHAEL ANGELO POLICARPIO

The specialization Business Applications under the Bachelor of Science in Mathematics (BSM-BA) program will not be offered by the College of Science (CS) in the next academic year, 2025-2026, as per the list of programs released by the Admissions and Orientation Services Office during the freshmen online application held from November 2024 to January 2025.

In an interview with CS Wizards, College Dean Dr. Thelma Pagtalunan said the number of applicants for the last three years calls for the administration to decide whether to continue offering this specialization under the program.

pahina 24



CS Band, wagi ng 2nd place back-to-back sa Battle of the Bands

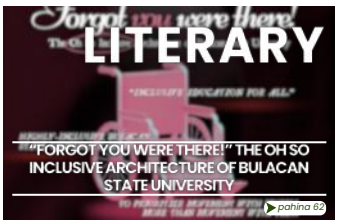
/ ANEL C. BARJA

Tagumpay na naprotektahan ng Bulacan State University College of Science (BulSU CS) Band and ikalawang pwesto nang makubrang muli ito sa ginanap na Battle of the Bands 2024 bilang parte ng pagdiriwang ng Foundation Week sa Heroes Park, Disyembre 10.

Nagtanghal ang banda ng kanilang sariling rendition ng mga kantang 'Sisikat Ka Iha' ng Bita and the Botflies at 'Sumayaw Ka' ni Gloc-9.

pahina 23











CS Green Wizards, nakamit ang unang medalya sa Chess Tourney

/ ANEL C. BARJA

Tagumpay ang College of Science (CS) Green Wizards Chess Men's Teams sa pagkubra ng bronze medal sa ginanap na Chess Tournament noong Oktubre 17, sa University Hostel, bilang bahagi ng Palarong Pampamantasan 2024.

Baon ang galing sa pagdepensa at solidong mga atake, naipon ng CS Green Wizards Men's Chess Team ang 19 puntos at 9 match points sa pitong rounds na naganap mula Oktubre 15.

Sina John Lor Daguyos (BSM CS 2B) at Richard Nico D.N Bernabe (BSM CS 4A) ay nagtala ng tig-5 puntos, at ang kanilang marka ang may pinakamalaking ambag sa kabuuang iskor ng grupo.

pahina 73

BLESSED BA SA ZERO-BASED?

Volume 02 Issue 01 **AUGUST** 2024 TO **MAY** 2025

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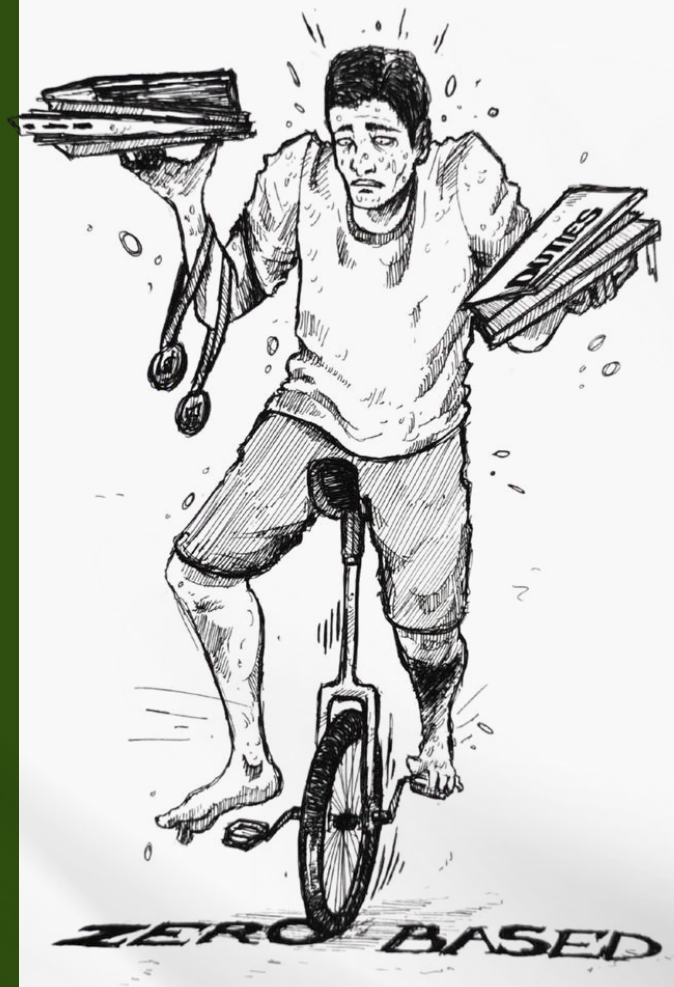
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NARARAPAT O PINILIT LANG? IMPLEMENTASYON NG ZERO-BASED GRADING SYSTEM, IKINASA NA

Kaakibat ng higpit ng patakaran ang implementasyong makatao't makatarungan.

pahina 3



Dibuho ni ***Junde Valdez***

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NARARAPAT O PINILIT LANG? IMPLEMENTASYON NG ZERO-BASED GRADING SYSTEM, IKINASA NA

Kaakibat ng higpit ng patakaran ang implementasyong makatao't makatarungan.

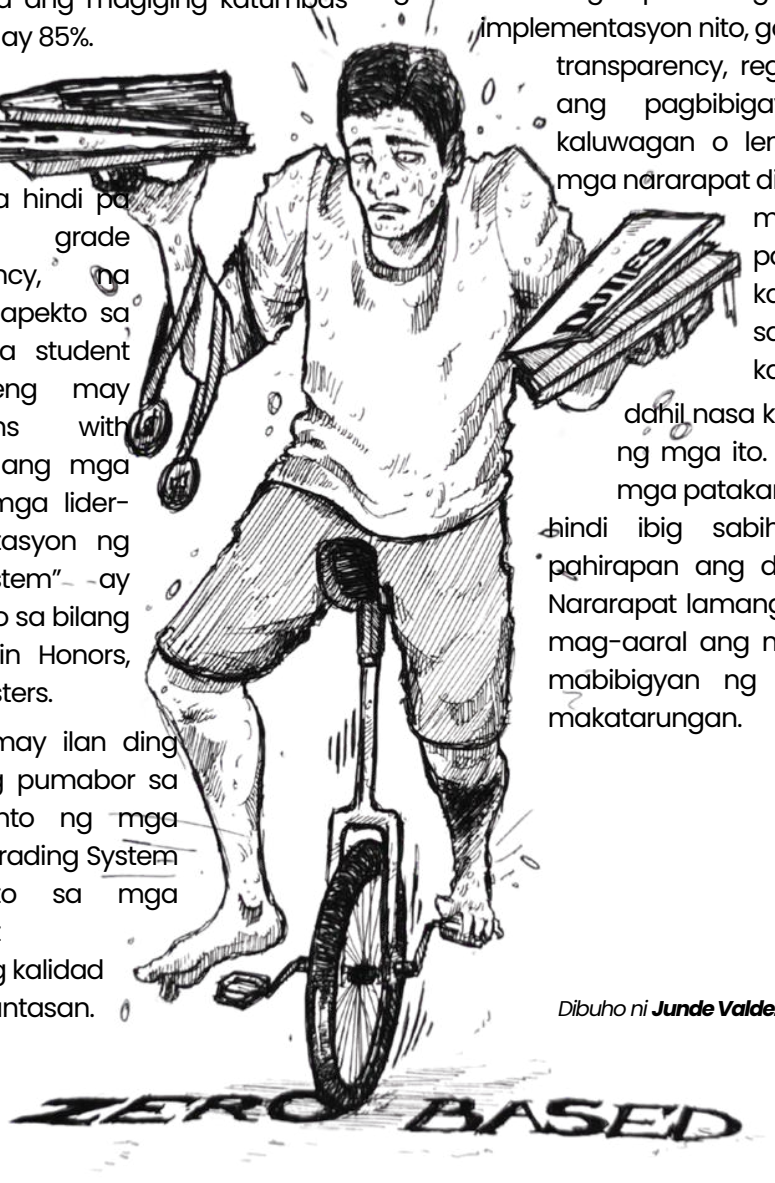
Naging maugong sa bawat sulok ng pamantasan ang balita ukol sa ipinanukalang "Zero- Based Grading System" para sa lahat ng kurso sa Bulacan State University. Hati ang naging saloobin ng mga mag-aaral ukol dito, dahil na rin sa nakaambang biglaang implementasyon ng nasabing alituntunin at sa mahigpit na patakarang nakapaloob dito. Ang "Zero-Based Grading System" ay ang sistema ng pagmamarka kung saan ang marka ng isang awtput mula sa mag-aaral ay eksakto nang maitatala nang walang transmutasyon katulad ng nakaraang grading system. Halimbawa, kung ang isang mag-aaral ay nakakuha ng 7/10, ang magiging katumbas na grado nito ay 70%, hindi tulad ng naunang 50-based grading system na ang magiging katumbas na grado ng nasabing marka ay 85%.

Mariing kinondena ang panukalang ito ng karamihan sa mga mga-aaral, lalong-lalo na dahil sa hindi pa nareresolbang isyu ng grade transparency at leniency, na inaasahang lubhang makaaapekto sa mga working students, mga student athletes, mga estudyanteng may kapansanan o Persons with Disability(PWD), at maging ang mga bahagi ng publikasyon at mga lider-estudyante. Ang implementasyon ng "Zero-Based Grading System" ay inaasahan ding makaaapekto sa bilang ng mag-aaral na may Latin Honors, Dean's Listers, at President's Listers.

Sa kabilang dulo ng isyu, may ilan ding mag-aaral at kaguruan ang pumabor sa nasabing sistema. Ipinupunto ng mga pumapabor sa Zero-Based Grading System ang pagiging patas nito sa mga mahuhusay na mag-aaral, at mas mapapataas pa nito ang kalidad ng mga mag- aaral ng pamantasan.

Dagdag pa rito ang ilang mag-aaral na naka-asa lamang sa paggamit ng Artificial Intelligence o AI sa bawat gawain sa paaralan, at hindi ito magiging makatarungan kung sakaling makakakuha ng magkaparehong marka ang mahusay na estudyante sa estudyanteng nangongopya lamang at naka-asa lang sa AI. Ang hakbanging ito ay magiging patas kung sakaling maayos na maisasakatuparan para sa mga tunay na mahuhusay at masisipag na mag-aaral.

Kabi-kabila man ang opinyon at saloobin ukol sa Zero-Based Grading System, naikasa na ang implementasyon nito sa ikalawang semestre ng taong pampanuruan 2024-2025. Hindi maikakailang maitutulak ng alituntuning ito pataas ang kalidad ng mga mag-aaral, ngunit kinakailangan pa rin ang makatarungang implementasyon nito, gaya ng maayos na grade transparency, regular na konsultasyon, at ang pagbibigay ng nararapat na kaluwagan o leniency para sa mga sa mga nararapat ding mga dahilan ng mga mag-aaral. Dapat maging patas ang lahat ng kaguruan sa pamantasan sa pagpapatupad nito sa kanilang mga estudyante, dahil nasa kamay nila ang hinaharap ng mga ito. Kahit mahigpit man ang mga patakarang ng sistemang ito, hindi ibig sabihin na dapat patuloy pahirapan ang dati nang nasa laylayan. Nararapat lamang na siguruhin na walang mag-aaral ang maiiwan, at ang lahat ay mabibigyan ng markang nararapat at makatarungan.



Dibuho ni ***Junde Valdez***

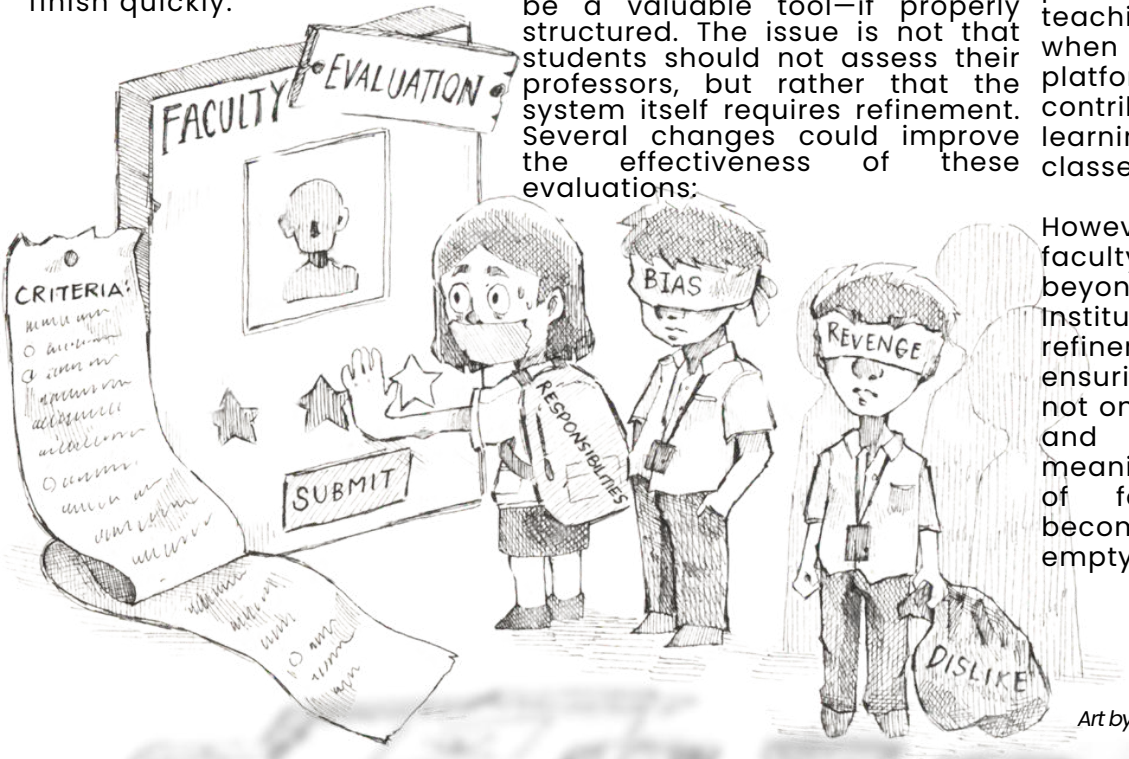
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BEYOND THE CHECKBOXES:
A STUDENT'S VOICE OR JUST AN EMPTY FORM?

Every semester, faculty evaluation forms are distributed to students as a means of assessing a professor's effectiveness in teaching. These evaluations typically include questions about the professor's ability to explain concepts clearly, create an engaging learning environment, and maintain fairness in grading. At first glance, this system appears to be a fair approach—students, after all, are the ones who experience the teaching methods firsthand. However, a critical question arises: Do these evaluations lead to meaningful changes, or are they merely a formality?

The Problem with Faculty Evaluations

While student evaluations hold significant potential, they are far from perfect. One of the main concerns is that many students do not take them seriously. Some perceive these forms as just another administrative requirement before the semester ends, completing them without much thought. Others provide arbitrary responses, selecting random ratings simply to finish quickly.



Art by **Quinn Aubrey S. Ricafort**

Furthermore, some students use faculty evaluations as a means of expressing personal dissatisfaction rather than offering constructive feedback. Professors who implement strict grading policies may receive lower scores, even if their teaching is effective. Conversely, professors who make coursework easier might receive high ratings, regardless of whether they have successfully facilitated meaningful learning. This raises an important concern: Are these evaluations truly measuring teaching effectiveness, or are they merely a reflection of students' personal preferences?

Bias also plays a significant role in faculty evaluations. Studies indicate that professors who challenge students to think critically or uphold rigorous academic standards tend to receive lower ratings compared to those who are more lenient. Additionally, factors such as gender, age, and personality can influence evaluations, making them less about assessing teaching quality and more about individual biases.

A System That Needs Improvement

Despite these flaws, faculty evaluations have the potential to be a valuable tool—if properly structured. The issue is not that students should not assess their professors, but rather that the system itself requires refinement. Several changes could improve the effectiveness of these evaluations:

Encouraging Thoughtful Feedback, Not Just Ratings

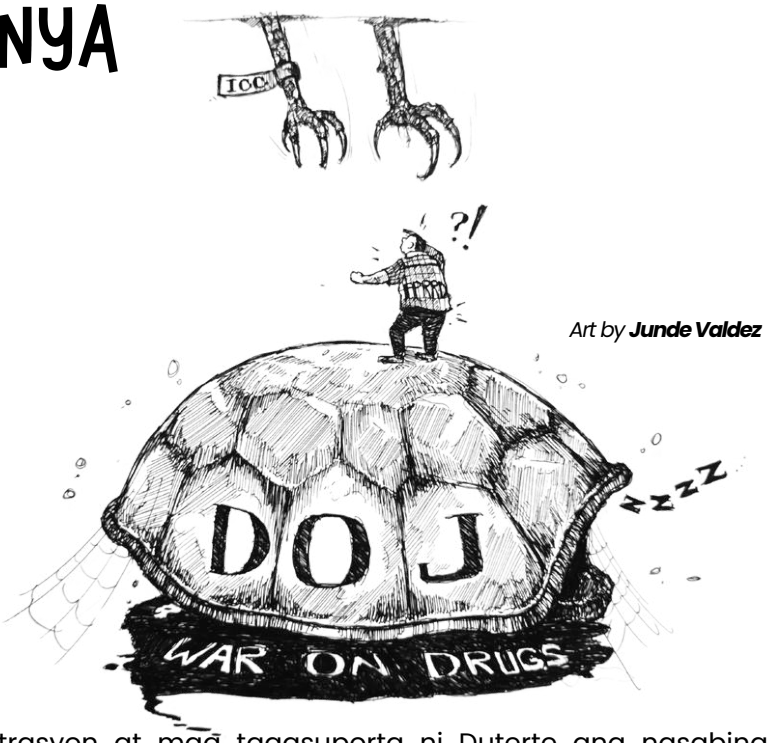
Most faculty evaluations rely heavily on numerical rating scales, where students simply check boxes ranging from "poor" to "excellent." While this approach is convenient, it fails to provide meaningful insights. Encouraging students to provide written comments would allow for more constructive feedback. Instead of merely assigning scores, students should be prompted to elaborate on teaching methods that were effective and areas that could be improved. Detailed responses offer more valuable insights than numerical ratings alone.

Why It Matters

At its core, faculty evaluation by students should not be viewed merely as a tool for rating professors—it should serve as a mechanism for improving educational quality. When used effectively, it can foster a stronger connection between students and educators, ultimately creating a learning environment where both parties benefit. Even experienced professors can refine their teaching strategies, and students, when given a meaningful platform for feedback, can contribute to shaping better learning experiences for future classes.

However, for this to happen, faculty evaluations must evolve beyond routine paperwork. Institutions must prioritize the refinement of the system, ensuring that student feedback is not only collected but also valued and acted upon. Without meaningful reforms, the practice of faculty evaluations risks becoming nothing more than an empty formality.

HURISDIKSYON NG ICC KAY DATING PANGULONG DUTERTE: ISANG PAGSUSURI SA PANDAIGDIGANG KATARUNGAN AT SOBERANYA



*Art by **Junde Valdez***

Ang patuloy na imbestigasyon ng International Criminal Court (ICC) hinggil sa kampanya kontra droga ng administrasyon ni dating Pangulong Rodrigo Duterte ay nagbubunsod ng mahahalagang tanong tungkol sa pandaigdigang katarungan, soberanya ng bansa, at pananagutan ng mga namumuno. Sa kabila ng pagkalas ng Pilipinas sa ICC noong 2019, iginigiit ng korte ang hurisdiksyon nito sa mga kasong may kaugnayan sa mga insidente noong panahon na ang bansa ay bahagi pa ng kasunduang nagtatag ng nasabing hukuman.

tinatakda ng ICC ang mandato nitong litisin ang mga kasong may kinalaman sa krimen laban sa sangkatauhan, kabilang ang mga extrajudicial killings na isinagawa sa ilalim ng "war on drugs." Batay sa ulat ng iba't ibang organisasyong pangkarapatang pantao, libu-libong buhay ang nawala sa operasyong ito, marami sa kanila ay hindi nabigyan ng due process. Dahil dito, layunin ng ICC na suriin kung may sapat na batayan upang mapanagot ang mga opisyal ng gobyerno na maaaring may pananagutan sa naturang mga insidente.

Subalit, mariing tinututulan ng kasalukuyang administrasyon at mga tagasuporta ni Duterte ang nasabing imbestigasyon. Ayon sa kanila, isang panloob na usapin ang kampanya kontra droga na dapat resolbahin ng sariling sistema ng hustisya ng bansa. Itinuturing nila itong panghihimasok sa soberanya ng Pilipinas at isang banta sa kalayaan nitong pamahalaan ang sariling mga mamamayan. Dagdag pa rito, iginiit ng gobyerno na may sapat na mekanismo ang bansa upang papanagutin ang mga indibidwal na sangkot sa pag-abuso ng kapangyarihan. Hindi rin maikakaila na ang pagsasagawa ng imbestigasyon ng isang dayuhang korte ay maaaring magdulot ng pangamba sa iba pang mga lider ng bansa na maaaring mahaharap sa ganitong uri ng kaso sa hinaharap.

Sa kabilang banda, may mga sektor ng lipunan na sumusuporta sa imbestigasyon ng ICC, sapagkat naniniwala silang may pagkukulang ang lokal na sistema ng hustisya sa pagbibigay ng katarungan sa mga biktima ng war on drugs. Para sa kanila, ang hakbang ng ICC ay isang mahalagang tagapagpatibay na walang sinuman ang dapat lumagpas sa batas, kahit na isang dating pangulo. Ang kanilang paniniwala ay nakaugat sa ideya na kung walang matibay at independiyenteng imbestigasyon sa loob ng bansa, maaaring magpatuloy ang kultura ng impunidad kung saan ang mga nasa kapangyarihan ay hindi napapanagot sa kanilang mga aksyon.

Mahalagang pag-aralan kung paano makakaapekto ang imbestigasyong ito sa imahe ng Pilipinas sa pandaigdigang komunidad. Kung patuloy na tatanggi ang bansa sa kooperasyon, maaaring magkaroon ito ng negatibong implikasyon sa diplomasya, pandaigdigang relasyon, at tiwala sa sistemang panghustisya ng Pilipinas. Ang hindi pakikilahok ng gobyerno ay maaaring magdulot ng pangamba sa ibang bansa at mga dayuhang mamumuhunan tungkol sa transparency at rule of law sa Pilipinas. Samantala, kung magbibigay-daan ang gobyerno sa imbestigasyon, maaari itong magsilbing patunay na ang bansa ay nakatuon sa prinsipyo ng pananagutan at patas na hustisya. Maaari rin itong makatulong sa pagpapalakas ng ugnayan ng Pilipinas sa iba pang mga bansang sumusuporta sa pandaigdigang katarungan at karapatang pantao.

Isa pang mahalagang aspeto na dapat isaalang-alang ay ang posibilidad ng epekto nito sa lokal na politika. Ang anumang magiging desisyon ng gobyerno ay maaaring magkaroon ng direktang impluwensya sa popularidad ng mga politiko, lalo na ng mga kaalyado ng dating administrasyon. Sa ganitong kalagayan, nagiging mas komplikado ang usapin dahil hindi lamang ito isang legal na isyu kundi isang pampulitikang suliranin na maaaring makaapekto sa hinaharap ng bansa.

Sa huli, ang usapin ay hindi lamang tungkol sa hurisdiksyon ng ICC kundi sa mas malalim na panawagan para sa katarungan at pananagutan sa ilalim ng batas. Ang hinaharap ng kasong ito ay maaaring maging mahalagang batayan sa kung paano hinaharap ng Pilipinas ang mga hamon sa karapatang pantao at internasyonal na pananagutan. Bilang isang demokratikong bansa, isang mahalagang tanong ang dapat pag-isipan: Ano ang mas matimbang—ang soberanya ng estado o ang pananagutan para sa mga lumalabag sa karapatang pantao? Sa isang mundo kung saan ang pandaigdigang hustisya ay patuloy na lumalakas, mahalagang matiyak na ang bawat mamamayan, anuman ang katayuan sa lipunan, ay may patas na access sa hustisya at proteksyon ng batas.

Volume 02 Issue 01 **AUGUST** 2024 TO **MAY** 2025

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Dibuho ni ***Junde Valdez***

"BUKAS NA RAW ANG APLIKASYON PARA SA DREAM SCHOOL KO. EXCITED AKO KASI SA UNANG PAGKAKATAON AY MAKAKATAPAK AKO SA ISANG UNIVERSITY."

NI MICHAEL ANGELO POLICARPIO

Pangarap ng maraming kabataan ang makapasok sa isang dekalidad at libreng edukasyon. Ito ay hakbang patungo sa mas inklusibong kinabukasan para sa lahat.

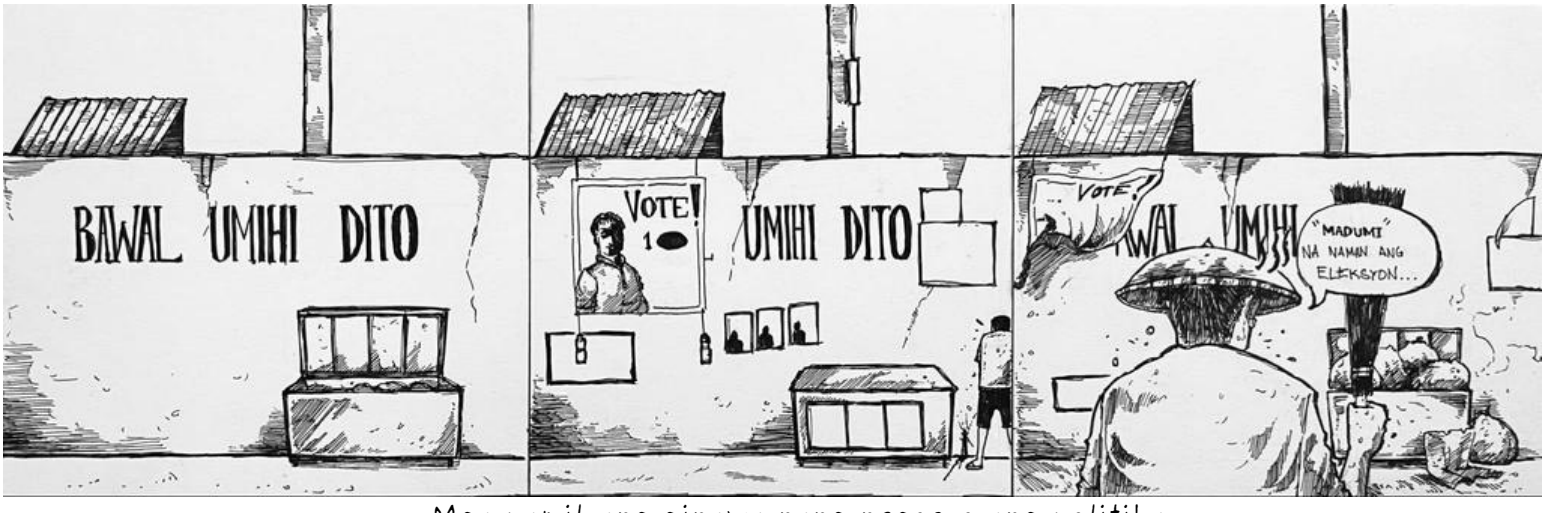
Nawa'y mas mapabuti pa ang proseso, upang mas maraming kabataan ang makinabang.

Sa mga susunod na pagkakataon, sana'y mas maging maayos at mabilis ang daloy ng aplikasyon.

Dahil para sa kinabukasan ng kabataan, patuloy ang pakikibaka at pagtutulungan.

"SA KABILA NG MGA NAUUPONG PALPAK SA ATING GOBYERNO, HINDI KO NA MALAMAN KUNG TAYO NA RIN BA ANG MAY KAPABAYAAN SA MGA DAGOK NA NARARANASAN NATIN MULA SA KANILA DAHIL TAYO ANG NAGLUKLOK SA KANILA DITO."

NI MICHAEL ANGELO POLICARPIO



Dibuho ni ***Junde Valdez***

Mga pamilyang ginawa nang negosyo ang politika

Mga pangakong self-serving

Mga platapormang malabnaw

At mayroon pa ngang wala na ngang plataporma, harap-harapan pa ang pambabastos sa sambayanang Pilipino

Kung gaano karumi ang politika sa bansa, ako lang ba ang nakakakita? At bakit sila pa rin umano ang angat sa survey?



Ang Pundasyon ng Medikal na Pagsusuri

BRYLLE JACOB LABANG

Sa loob ng ospital, may mga doktor. Sila 'yong nanggagamot at kumakausap sa atin tuwing nagpapatingin tayo. May iba't ibang klaseng doktor, depende sa sakit mo. Mayroon ding mga nurse, sila naman 'yong madalas kong makita na inaasikaso ang mga pasyente. Sinisiguro na maayos sila habang nasa ospital. Siguro kilala rin ang mga pharmacists, sila kasi ang nagbibigay sa atin ng mga gamot.

Pero hindi lang sila ang nasa loob ng ospital, hindi lang sila ang tumutulong para gumaling tayo. Nariyan ang radtechs, physical therapists, midwives, at medtechs. At hindi sila nagtratrabaho lang sa ospital o empleyado ng ospital. Mahalaga sila para maibigay ang nararapat na magandang kalusugan para sa lahat.

Siguro hindi pa malalim ang pagkakaunawa natin, maging ako, sa lahat ng propesyon sa medisina. Ngunit, hindi ito dapat maging dahilan para hindi sila bigyang-halaga, kilalanin, at tawagin sa kanilang propesyon.

Lalong hindi ito dapat maging dahilan para tawagin silang peke.

Medical Technologist Binansagang Hospital Worker

Nitong nakaraang linggo lang ay naglabas ng isang artikulo ang isang kilalang pahayagan sa Pilipinas, ang Philstar o Philippine Star. Dito ay tinawag nilang "hospital worker" ang isang kawani ng ospital na may hawak na fresh frozen plasma. Umani ito ng pagpuna dahil ang hospital worker na tinutukoy sa artikulo ay isang medical technologist.

Nakalulungkot lang na isa sa mga kilalang pahayagan pa ang hindi kumilala sa sakripisyo ng mga medical professionals kagaya ng mga medical technologists. Hindi ba dapat kung tatawagin mong nurse ang nurse, at doktor ang isang doktor, nararapat lang na bansagan din ang mga medtech ayon sa kanilang propesyon? Madalas kasing hindi napapansin ang mga propesyonal dahil sa loob sila ng laboratoryo nagtratrabaho. Tinitignan kung may hindi normal sa iyong katawan, 'yan man ay bilang ng mga cell, presensya ng mga kakaibang cell, mga bacteria, parasites, at iba pa na maaaring may ibig sabihin sa iyong kalusugan. Pero kung tutuusin mas frontliner pa sila kaysa sa ibang mga propesyon dahil ang bawat specimen na kinukuha nila sa katawan ng tao ay maituturing na delikado at nakahahawa.

Huwad at Pekeng mga Eksperto

Kasunod ng hospital worker, tinawag naman silang pekeng scientist ng mga vloggers at influencers. Fake scientists naman daw, mga masyadong demanding sa pagkilala, at kung ano-ano pa.

Hindi man sila ang kinalakihang depinisyon natin ng mga scientists ay 'yon talaga ang bansag sa kanila, hindi lang dito sa ating bansa, maging sa buong mundo. Sila ang Medical Laboratory Scientists na s'yang haligi ng pag-aalaga at pag-diagnose ng mga sakit. Kung wala sila ay hindi makikita ang nangyayari sa loob ng katawan na s'yang basehan para malaman ang sakit ng isang tao.

Kailanman ay hindi magiging pekeng mga eksperto ang mga medical technologist dahil mahalaga ang ginagampanan nilang papel sa pagbibigay ng magandang kalusugan sa lahat. Hindi magagawa ng ibang propesyon o maging ng mga scientists ayon sa iyong depinisyon ang trabaho ng isang medical technologist. Dahil ang pagiging scientists nila ay umiikot sa laboratoryo kung saan ginagawa ang mga tests na kinakailangan para makagawa ng desisyon ang mga doktor sa kanilang mga diagnosis.

Kaya naman ang panawagan ko sa inyo, kilalanin sana natin ang mga medical technologists. Tawagin sila ayon sa kanilang propesyon bilang pagbibigay ng galang at pagkilala sa kanilang sakripisyo at ambag sa larangan ng medisina sa ating lipunan. At sana wala ng iba pang propesyon sa medisina ang mabansagan lang nating hospital worker, sapat na siguro ang mababang sahod nila bilang problema at huwag na natin dagdagan pa. Tumulong tayong lahat na makilala ang bawat propesyon sa medisina para mabigyan sila ng karampatang sahod ayon sa ginagawa nilang paglilingkod sa mamamayang Filipino. Nawa'y lahat ng propesyon sa larangang ito ay makilala sa kanilang mahahalagang ambag sa kalusugan ng ating bayang kinagisnan.

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Ang Imperpekto (AI): Hindi Dapat Basehan ang AI sa Gawa ng mga Estudyante



BRYLLE JACOB LABANG

Maraming mga propesor, guro, at mga katulad na propesyon ang gumagamit ng AI o Artificial Intelligence para i-check ang mga gawa ng mga estudyante sa plagiarism o kung gawa rin ito ng isang AI. Ngunit, napatunayan na ng mga pag-aaral na hindi ito epektibo at perpekto upang maging batayan sa pag-check ng mga ipinapasang papel ng mga estudyante.

Kaya naman ang naging solusyon ng ilang mga paaralan, maging mga kolehiyo at pamantasan, ay ang pagpapasa ng mga sulat-kamay na mga gawa kaysa i-type na lang ito at i-print.

Epektibo ba ito para masolusyunan ang maling paggamit ng AI o naging dagdag pahirap lang ito sa mga estudyante? Halata naman, pahirap lang ito.

Hindi Praktikal ang Sulat Kamay

Nakaka-elementary o high school ang pagsusulat-kamay ng mga ipapasang papel. Lalo na sa kolehiyo na hindi naman madalas isang pahina lang ang kailangang ipasa. Hindi ito praktikal dahil nakauubos ito ng mas maraming oras at enerhiya kaysa sa pagta-type at pagpi-print ng mga papel.

Dahil halos ganoon rin naman, ang ink na magagamit ng printer ay halos katumbas din ng ink na mauubos mo sa bolpen mo kapag sinulat mo. Ang hirap na ngang i-balanse ng buhay at hatiin ang oras, dumagdag pa ang pahirap na ito sa mga estudyante lalo na ang mga nasa kolehiyo na.

Hindi Epektibong Solusyon sa Paggamit ng AI

Sa tingin ba ng mga guro at propesor ay napipigilan ng pagsusulat-kamay ang maling paggamit ng AI? Hindi. Dahil maaari pa rin namang gawa ng AI ang ipinapasa sa kanila ng mga estudyante.

Mas mahirap pa ngang i-check ang gawa kung AI o hindi kapag sulat kamay dahil hindi mo ito magagawang i-copy at i-paste sa mga AI work detectors.

Huwag Umasa Sa AI

Ang panawagan ko sa mga guro at estudyante, 'wag umasa sa AI. Ang alternatibong paraan sa problema ng AI para sa mga guro ay gumawa sila ng mga tanong na may espisipikong sagot o 'di naman kaya ay limitahan ang mga salita at sanayin ang mga mag-aaral sa pagsagot nang walang paligoy-ligoy.

Para naman sa mga estudyante, gamitin ang AI bilang panangga sa mga impormasyong makikita sa ibang mga pagkukuhanan. Huwag ito kuhanin nang hindi nalalaman kung ito ba ay tama at totoo. Dahil minsan, wala namang kinalaman sa tanong ang binibigay na sagot ng mga AI.

Imperpekto ang AI gaya nating mga tao. May mga pagkakataong mali ang binibigay nitong impormasyon. Mali ang pagkaka-analisa nito sa mga binibigay sa kanya. Kaya naman bilang isang responsableng mga estudyante at mga guro, dapat lagi natin siguruhin na tama ang impormasyong ating nasasagap at naisusulat para maiwasan ang paglaganap ng fake news at mapanatili ang AI bilang isang mabuting kasangkapan sa ating buhay



Paliwanag, Hindi Pa Maliwanag!

BRYLLE JACOB LABANG

Ginanap noong Ika-29 ng Agosto, 2024 sa Bulwagan ng Valencia ang unang ulat ng pangulo ng unibersidad, Dr. Teody San Andres. Ito ay may temang Alitabtab: Maalab na Pagsikhay sa Marubdob na Hangarin ng Pagsulong. Dinaluhan ito ng iba't ibang mga guro at dekano ng mga kolehiyo mula sa main at external campuses ng Bulacan State University. Sa dulo ng programa ay ipinapanood ang tila ba parang cheer ng BulSU na may lirikong, "ALAB BulSU, Magliliwanag! ALAB BulSU, 'Di Mapaparam! Supling ng Bulacan, Taga-Inog ng Mundo!"

Sa dulo ng talumpati, bumagabag ang tanong na

> **paano magliliwanag kung kulang sa paliwanag ang ilan sa mga pagbabagong magaganap sa kanyang pamumuno? Lalong higit ang paglulunsad ng Zero-Based Grading System na s'yang hindi natalakay sa nasabing ulat.**

Umikot ang talumpati ni Dr. San Andres sa mga nangyari at mangyayaring pagbabago sa kanyang pamumuno, kagaya na lamang ng mga imprastraktura, mga sistema ng pamamahala, at sa mga nangyaring pag-unlad sa bilang ng mga nabigyan ng trabaho, nakapag-seminar na mga guro at non-academic personnel, mga incentives at tulong-pinansyal sa mga topnotchers, sa mga naipasang research sa Intellectual Property Office of the Philippines. Kasama rin sa mga natalakay ang Revised BulSU Charter, ang bagong Kolehiyo ng Medisina, pagsusulong ng night classes para sa mga working students, at mga board resolutions para sa mga Differently-Abled Person.

Gayunpaman, sa kanyang talumpati, partikular ang mga pagbabago at pag-unlad ay parang mas pumapabor ito sa mga guro at mga kawani kaysa sa mga estudyante ng Bulacan State University.

Sa inilahad naman ng rehente ng mga mag-aaral na si Queenie Quintero, tila kulang ang nasabi niyang hamon ng mga mag-aaral sa pangulo ng unibersidad. Nabanggit ng Rehente ng Mag-aaral, Queenie Quintero, na kasabay sana ng pagtatayo ng mga imprastraktura ay bigyang-pansin din ang mga lumang imprastraktura para sa kapakanan ng estudyante, pati rin ang pagkakaroon ng ligtas at malayang espasyo sa pamantasan, pagdinig ng pangulo sa mga hinaing ng mga sektor ng working students sa iskedyul at konsiderasyon, pag-unlad ng unibersidad para sa mga PWD, at ang pagkakaroon ng makatarungang stipend para sa mga atleta at socio-cultural performers.

Sa lahat ng nasabing pagbabago ay hindi natalakay ang zero-based grading system na siyang may direktang epekto sa mga estudyante. Wala rin ang ilan pang pagbabago at pag-unlad na hindi sana nakatuon sa mga bagong gusali o sa mga pag-aayos ng mga ito. Hindi ba't sa pondo na nakalaan sa unibersidad ay dapat lang na kasama palagi rito ang pag-aayos sa mga luma at maiinit na gusali o silid-aralan para sa mga mag-aaral?

At kung may nakalaang programa para masiguro ang maayos na pagpapasahod sa mga kawani, sana ay mayroong mga programang tumatalakay sa paniniguro ng maayos na pagtuturo, o 'di naman kaya ang makatarungan na paglalabas ng mga marka. Kung kaya naman pala nila tugunan ang pangangailangan ng mga manggagawa sa BulSU ay sana kaya ring mabigyang pansin ang hinaing ng masang estudyante, katulad na lamang ng pagbibigay ng health break na hindi na kailangan pang intindihin ang gawaing-eskwela o sana hindi kasabay ng Intramurals ang academic break. Sana nabigyang-pansin din ang makatarungan na deadline ng mga pagpapasa.

Ilan lamang 'yan sa mga higit na kailangan ng mga estudyante na sana'y nabanggit sa ulat ng presidente ng unibersidad. Sa kasamaang palad, hindi man lang ito nabigyang pansin sa talumpati.

Nawa'y manatili itong hamon para sa mga estudyante, pero nawa'y maging motibasyon ito na mas humingi tayo ng paliwanag. Dahil sa aking palagay, walang BulSU kung walang masang-estudyante at tayo dapat ang isa sa mga pinakarason ng mga proyekto sa pag-unlad ng ating unibersidad.

ALAB BulSU, Magpaliwanag! ALAB BulSU, Sa Estudyante Tayo! Supling ng Bulacan, Taga-Inog ng Mundo!

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A Divine Plea or Political Shield? The Iglesia ni Cristo's Called for Peace

FIONA VENTURA

In the heat of political discord, where alliances shift like the tides and national unity often takes a backseat to personal interests, a rallying cry for peace should be a welcome reprieve. Yet, when the Iglesia ni Cristo (INC) recently took to the streets with a powerful call for harmony, it sparked more questions than resolutions. Is this religious movement genuinely advocating for national healing, or is it cleverly maneuvering to shield Vice President Sara Duterte from the storm of impeachment complaints swirling around her? This development demands a closer look at the blurred lines between faith and political strategy, forcing us to ask whether this call for peace is truly about reconciliation or just another tool in the ever-complex game of power.

The INC's recent peace rally, at face value, presents itself as a noble initiative. In a country often divided by political ideologies, a message of unity is not only timely but necessary. However, skepticism looms over the event's underlying motivations.

It is no secret that the INC has historically played a significant role in Philippine politics, often aligning itself with political figures who serve its interests. This raises doubts about whether its advocacy for peace is a genuine plea or a strategic move to safeguard certain allies from political scrutiny.

Critics argue that the rally's timing is highly suspect. With Vice President Sara Duterte facing mounting impeachment complaints, some see the event as less of a spiritual movement and more of a calculated attempt to shield her from accountability. The presence of high-profile politicians at the rally only adds to the perception that the gathering was less about fostering unity among Filipinos and more about consolidating political influence. If the INC's call for peace is indeed a sincere effort, why does it appear to be so closely tied to the fate of a single political figure?

Public perception plays a crucial role in movements of this scale. While the INC's followers may wholeheartedly believe in their leaders' call for harmony, the broader Filipino public remains wary. The church's history of political involvement, often seen as transactional, makes it difficult to separate its religious advocacy from its political engagements. In a country where the separation of church and state is a constitutional principle, the INC's peace rally risks being interpreted as an overreach into the realm of governance rather than a purely moral or spiritual initiative.

The essence of peace goes beyond symbolic gatherings and public declarations. True reconciliation requires accountability, transparency, and a genuine commitment to addressing the root causes of division.

If the INC truly wishes to contribute to national unity, it must ensure that its call for peace does not come at the cost of justice. Peace without accountability is empty, and unity that serves only the powerful is nothing more than a facade.

As the nation watches how this movement unfolds, one question remains: Will the INC's rally ignite meaningful dialogue and foster true national healing, or will it be remembered as a political maneuver masquerading as a spiritual mission? The answer lies not in words, but in the actions that follow. If this call for peace translates into inclusive conversations, independent of political alliances, then it may yet serve a higher purpose. However, if it remains a shield for those in power, it risks further alienating the very people it seeks to unite. In the end, the challenge is not just about calling for peace but ensuring that such a call serves the best interests of the nation as a whole, rather than just a select few.

The true test of this movement lies in its long-term impact. Will it inspire Filipinos to bridge political divides, or will it reinforce the existing culture of influence and favoritism? The future of national unity does not rest on grand rallies alone, but on genuine efforts to uphold justice, integrity, and inclusivity. If peace is to be meaningful, it must not only be proclaimed but actively pursued. Anything less is simply an illusion.

Nabuhay nang Mahirap, Mamatay ng Mahirap?

FIONA VENTURA



Sa isang bansang patuloy na umuunlad, bakit milyon-milyong bata pa rin ang lumalaki sa matinding kahirapan? Habang ang ilan ay may pagkakataong mag-aral sa de-kalidad na paaralan at mabuhay ng komportable, marami ang gumigising araw-araw na walang kasiguraduhan kung may pagkain sa hapag o kung makakapasok pa sila sa paaralan

> **Hindi ba't isang trahedya na sa murang edad, natututo na silang magbanat ng buto imbes na mag-aral at mangarap?**

Ang kahirapan ng kabataan ay hindi isang simpleng suliraning dapat tanggapin bilang bahagi ng realidad. Ito ay isang siklong paulit-ulit na nagpapamana ng kawalan ng pag-asa mula henerasyon hanggang henerasyon. Kapag ang isang bata ay hindi nabibigyan ng sapat na edukasyon at oportunidad, paano siya makakawala sa pagkakakulong sa kahirapan? Sa halip na maging pundasyon ng ating kinabukasan, sila ay nagiging biktima ng sistemang hindi gumagana para sa kanila.

Kung tunay nating pinahahalagahan ang ating kinabukasan bilang isang bansa, hindi natin maaaring hayaang magpatuloy ang ganitong kalagayan. Hindi kasalanan ng isang bata kung siya ay ipinanganak sa kahirapan, ngunit kasalanan nating lahat kung wala tayong gagawin upang bigyan siya ng mas magandang bukas.

Edukasyon: Pangarap Lang Ba ng Mahihirap?

Madalas nating naririnig na ang edukasyon ang susi sa pag-unlad, ngunit paano kung sarado ang pinto para sa mga mahihirap? Sa kabila ng pagkakaroon ng libreng pampublikong paaralan, nananatiling isang hamon para sa maraming kabataan ang makapagtapos ng pag-aaral. Ang kawalan ng pambili ng uniporme, aklat, at iba pang gamit ay nagiging hadlang sa kanilang pag-aaral. May mga bata ring hindi pumapasok sa paaralan dahil kailangan nilang magtrabaho upang matulungan ang kanilang pamilya.

Sa ganitong sistema, nagiging pribilehiyo ang edukasyon imbes na isang karapatan. Hindi patas na habang ang ilang bata ay may access sa de-kalidad na edukasyon, ang iba naman ay napipilitang isantabi ang kanilang pangarap dahil sa kahirapan. Kung tunay nating kinikilala ang edukasyon bilang pundasyon ng pag-unlad, bakit marami pa rin ang naiiwan sa laylayan? Dapat maging mas agresibo ang gobyerno sa pagpapatupad ng mga programang tutugon sa mga hadlang na ito, upang matiyak na walang batang maiiwan sa pag-unlad.

Mahirap Noon, Mahirap Ngayon, Mahirap Habambuhay?

Ang isang batang lumalaking mahirap ay malaki ang posibilidad na manatili sa kahirapan sa kanyang pagtanda. Sa halip na makakuha ng disenteng edukasyon, napipilitan silang pumasok sa murang edad sa paggawa upang matustusan ang pangangailangan ng kanilang pamilya. Ngunit dahil sa kakulangan ng edukasyon at kasanayan, napupunta sila sa mga trabahong mababa ang sahod at walang benepisyo. Sa ganitong sitwasyon, mahirap makaahon at mas mahirap makapagbigay ng magandang kinabukasan sa susunod na henerasyon.

Kapag hindi nabigyan ng sapat na suporta ang mga batang ito, magpapatuloy lamang ang siklo ng kahirapan. Magiging mahirap din ang kanilang magiging pamilya, at ang kanilang mga anak ay mararanasan din ang parehong suliranin. Kung hindi masusugpo ang problemang ito, magpapatuloy ang kawalan ng oportunidad sa maraming henerasyon. Ang pagbasag sa siklong ito ay hindi lamang para sa kasalukuyang kabataan, kundi para rin sa hinaharap ng ating lipunan.

Kanino Ba Talaga ang Pananagutan?

Walang batang dapat mamuhay sa matinding kahirapan. Ngunit ang realidad, tila ipinapasa sa kanila ang bigat ng isang sistemang hindi gumagana para sa mahihirap. Ang gobyerno ay may responsibilidad na tiyakin na may sapat na programa upang bigyan ng patas na pagkakataon ang bawat bata—mula sa de-kalidad na edukasyon, maayos na serbisyong pangkalusugan, hanggang sa mga programang sumusuporta sa kanilang kinabukasan.

Ngunit hindi lang ito usapin ng gobyerno. Bilang isang lipunan, tayo rin ay may pananagutan. Ang pagbibigay ng oportunidad sa mga mahihirap na bata ay hindi kawanggawa kundi isang obligasyon upang magkaroon ng patas na kinabukasan para sa lahat. Kailangang lumampas tayo sa simpleng awa at lumipat sa tunay na pagkilos—pagtutulungan ng pamahalaan, pribadong sektor, at ng bawat isa upang matiyak na walang batang maiiwan sa laylayan ng lipunan.

Normal na Lang Ba Talaga ang Kahirapan?

Ang child poverty ay isang hindi maiiwasang bahagi ng lipunan—ito ay isang problema na maaaring solusyunan kung tunay na gugustuhin natin. Hindi natin maaaring isantabi ang katotohanang bawat batang nalulugmok sa kahirapan ay isang oportunidad na nawala para sa ating bayan. Ang pagpigil sa siklo ng child poverty ay hindi lamang isang moral na responsibilidad kundi isang hakbang tungo sa isang mas makatarungan at maunlad na hinaharap.

Kung nais natin ng isang mas maliwanag na kinabukasan, dapat tayong magsimula sa mga pinakamahalaga—ang ating mga kabataan. Hindi natin sila maaaring hayaan sa anino ng kahirapan.

Ang tunay na pag-unlad ay hindi lamang nasusukat sa pagtaas ng ekonomiya kundi sa pagtiyak na bawat bata ay may patas na pagkakataon upang makamit ang isang mas magandang kinabukasan.

Focus, No One Degree Mistake is Acceptable

CHRISTINE MONTINO

Accidents are truly unpredictable, and so are the motorists. The road is not always flat and steady but why so is the government? Still, pedestrians have a part too! Crashes will be prevented if everyone has inculcated into their minds the high value of road safety.



In the past few months, road crashes and accidents have become too frequent and it is disturbing. One recent case that is very vicinal to us is the Calumpit mini bus accident where two died, while 18 were injured including eight of our fellow BulSUans.

This is not really surprising but again, very alarming. According to the mini bus commuters as well, its drivers are reckless, overspeeding even in the middle of a heavy traffic and also, overloading just to earn more, risking the passengers' lives including theirs.

Most of the reasons for these accidents is the malfunctioning of the brakes resulting in loss of control. Yet, isn't the company's and drivers' responsibility to double-check and conduct maintenance thoroughly before driving the vehicles? Or maybe they already noticed little signs but due to the call of their needs, they just brushed it off and swift but then, facing an even more difficult situation.

Not only passenger vehicles are at fault, even the private motorists who are very stubborn. Some are overspeeding and red light beaters, distracted driving and under the influence of alcohol and drugs. These violations are common sense and being reiterated by the officials yet, their hard-heads did not survive.

In the large scale manner, the government should already step up to monitor road safety. However, the motorists are not the only problem, a big factor is the road itself; faulty traffic lights, fading pedestrian lanes, no lights along the roads, and the most difficult problem motorists deal with are the cracked roads. Not well-mandated truck ban damages the roads since some vehicles are too heavy. For sure they are receiving reports about it but do not take action right away.

After fault-finding on motorists and the government, pedestrians have no escape and in fact, are the most vulnerable. Being so delinquent and crosses whenever and wherever they want, performing a suicide in the public.

All take one to three roles on the road; motorist, pedestrian, or part of the government.

Open your eyes wide, look left, then right, and every angle. Know the traffic and safety rules, because one degree of mistake can take lives.



Kapag ang Pag-asa ay Binawasan

ELISHA LEXIE ALFONSO

Sa bawat hakbang na tinatahak patungo sa paaralan, ang bulong nilang kabataan ang pag-asa ng bayan ang nagtutulak upang magpatuloy. Ngunit kung titignan ang lumang blackboard, kulang na silya, at sirang kisame ng bawat silid-aralan, mapapaisip ka kung ano nga ba ang tunay na halaga para sa isang bansa—ang mga makikinang na imprastraktura, matutunog na pangalan ng mga politiko, o ang tahimik at patuloy na pamumuhunan sa kaisipan ng kabataan?

Sa Pilipinas, ang sagot sa tanong na ito ay naging mas komplikado, habang ang mga pagbabawas ng badyet ay namumuo ng malaki at madilim na anino sa kinabukasan ng edukasyon sa bansa.

Ang 2025 Pambansang Budget ng Pilipinas ay nagdulot ng malaking kontrobersiya, lalo na sa mga pagbabawas ng badyet para sa Kagawaran ng Edukasyon (DepEd) at Komisyon sa Mas Mataas na Edukasyon (CHED). Bagamat ang sektor ng edukasyon ang may pinakamataas na badyet para sa taong 2025, tuloy pa rin and diskusyon kung ito ay sapat para sa tunay na mahahalagang proyekto at departamento.

Ayon sa report, ang badyet ng DepEd ay nabawasan ng 12 bilyong piso. Parte rito ang 10 bilyong piso na ibinawas sa programa ng kompyuterisasyon ng DepEd—isang tahasang kawalan ng pagpapahalaga sa digital age. Sa isang mundo kung saan marami ay nabubuhay na sa koneksyon, hinaharangan ng gobyerno ang mga mag-aaral sa pampublikong paaralan sa isang kinabukasan ng digital literacy. Sa patuloy na pag-usbong ng makabagong panahon at teknolohiya, hindi ba't mahalaga na bigyang pagkakataon ang kabataan na gamitin ang mga teknolohiyang ito sa kanilang pakinabang? Lalo na't halos ang lahat ng bawat galaw ng mundo sa panahon ngayon ay umiikot na sa digital world. Hindi lang ito tungkol sa pagbabawas ng badyet, ito ay isang pader na pilit hinihiwalay ang mga may pribilehiyo mula sa mga nasa laylayan.

Kung pilit silang inaalisan ng ganitong pagkakataon, paano sila sasabay sa bilis ng takbo ng buhay? Paano natin aasahan ang kabataan na lumago sa buong mundo kung pinagkakaitan sila ng mga kagamitan upang makilahok?

Gayundin, ang badyet ng CHED ay binawasan 30 bilyong piso, na nagtanggal sa planong 3 bilyong piso pondo para sa libreng kolehiyo. Ang pag-alis ng alokasyong ito ay direktang humahadlang sa pagpapalawak ng libreng mas mataas na edukasyon na ipinag-uutos ng RA 10931 na may layuning magbigay ng libreng matrikula sa State Universities and Colleges (SUCs), Local Universities and Colleges (LUCs), at mga technical-vocational na institusyon.

> **Paano mabibigyang pagkakataon ang mga mahihirap na matuto at bumangon sa hirap kung pilit silang tinatanggalan ng pagkakataon at karapatan sa libreng edukasyon?**

Isa pang dagok na haharapin ng mga mag-aaral at guro dala ng mga pagbabawas ng alokasyon ay ang patuloy na kakulangan sa maayos na pasilidad sa bawat pampublikong paaralan at pamantasan. Ngayon pa lang ay nakikipagsapalaran na ang mga guro at mag-aaral sa masisikip na mga silid-aralan, kulang na mga silya, sira-sirang kisame, at mainit na paligid, ngunit imbes na sagot at solusyon ang binibigay ng mga nakatataas, tila ba mas lalo nilang pinahihirapan ang mga kabataan. Sa kasamaang palad, ang krisis na ito ay inaasahan pang umusbong sa susunod na mga taon.

Paano sasagutin ng problema ang isa pang problema? Patuloy na lamang bang magdurusa ang kabataan upang makamit ang simpleng karapatan sa maayos na edukasyon?

> **Habang ipinagmamalaki ang tila malaking alokasyon para sa edukasyon, nagtatago ang madilim na katotohanan—masasakit na pagbabawas na nagsisilbing kutsilyo sa pag-asa ng bayan.**

Ito ay isang banta na nagnanais buwagin ang mismong pundasyon ng pagkakataon at pangarap ng mga kabataang Pilipino.

> **Hindi lang ito tungkol sa kakulangan ng kagamitan o simpleng karapatan, ito ay tungkol din sa isang tahimik na pagnanakaw—ang pagnanakaw ng potensyal, pangarap, at ang kinabukasan ng ating bansa.**

Tinatanggalan na ng pag-asa ang mga pag-asa ng bayan.



ALAB TINIG CONCERT, IDINAOS KASAMA ANG PAGTINDIG NG MGA BULSUAN

/ BRYLLE JACOB LABANG

Photo by **Czamantha Nicole Gonzaga & Hans Bosi**

Naisakatuparan ang Alab Tinig Concert: Freshie Salubong 2024 noong Huwebes, Agosto 29, na may layuning ilahad ang mensahe ng mga estudyante ng pamantasan, kasama ang pagtatanghal ng ilang mga kilalang musikero sa tapat ng Bulacan State University (BulSU) E-Library sa pangunguna ng BulSU Student Government.

Inilahad at pinag-usapan ang mga isyung panlipunan maging ang mga isyu sa loob ng pamantasan kabilang na ang malayang espasyo sa pamamahayag, edukasyon, komunidad ng LGBTQ+, working students, mga atleta at cultural performers, at mga differently-abled person.

Dumalo at nagtanghal naman ang mga musikerong sina Zild, Janine Berdin, Daniel Paringit, One Click Straight, Jayda, at AJAA na siyang dinagsa ng mga BulSUans mula sa iba't ibang kolehiyo.

KAFEDBAHAY 2024 WELCOMES FRESHMEN OF FEDERIZO HALL

/ SHYLELUCK PUNZALAN

Freshmen from the College of Science (CS), College of Architecture and Fine Arts (CAFA), College of Arts and Literature (CAL), and College of Sports, and Recreation (CSER) were welcomed by KaFEDbahay 2024 on August 27 at the Federizo Hall grounds.

The students were greeted by the colorful organization booths from the colleges where they enjoyed numerous freebies, souvenirs, and prizes from mini games during their freshmen walk.

In an interview with some freshmen, they expressed their excitement with the event, "Sobrang fun po, sobrang exciting... hindi rin namin ine-expect na may ganito for us," said one of them.

Afterwards, the freshmen—even older students—enjoyed several performances from local entertainers, including performances from CSER Band, Banda ni Kal, CAFA Glee, and CS Band. Sining Sakbibi Ensemble, Bubblegum Dancer, CS Infinity Dance Crew, and CAFA Movers also performed at the event.

ifferent college student organizations from the four colleges were also given the stage to introduce their works and invite freshmen to their societies.

Moreover, the current president of the Medical Laboratory Science Scholar's Society (MLSSS) Angelica Evangelio, shared how she enjoyed creating their booth for the freshmen, "[Ako ay] excited kasi naaalala ko nu'ng freshie ako, sobrang excited ko maging part ng org at maging MedTech." When asked what she envisions their booth to be, she said, ***"Gusto namin magbigay ng magagamit ng mga first years and several mementos."***

KaFEDbahay 2024 is an annual event hosted by the Local Student Councils of CS, CAFA, CAL, and, CSER to welcome its first-year students on academic year openings.



Photo by **Hans Bosi**



Photo by **Hans Bosi**



Photo by **Hans Bosi**



Photo by **Hans Bosi**



Photo by ***John Charles Bartolome***

STUDENTS TO HAVE CHANGES IN CURRICULUM, ENJOY NEW INFRASTRUCTURES: ULAT NG PANGULO

/ DANIELLA MANAHAN

BulSU Valencia Hall — Bulacan State University (BulSU) President Dr. Teody C. San Andres, had his first presidential report on Thursday, August 29, since his inauguration in 2023.

He highlighted the different infrastructural projects and changes in the student curriculum, focusing more on outcome-based learning.

In accordance with the recently signed R.A. 11980 or the Revised Bulacan State University Charter, the university is set to implement modern changes in the university's operations.

Dr. San Andres introduced new programs and curriculums, including the specializations of the College of Science's BS in Environmental Science, which are Pollution Control Management, and Climate Change and Disaster Management.

The president also said the university's College of Medicine at the San Rafael Campus is now licensed to operate its first semester next month.

"Ang ating College of Medicine ay ang kauna-unahang pampublikong kolehiyo na mag-aalok ng kursong medisina sa buong Central Luzon," he added.

He also talked about the implementation of night classes for working students, and special classes for PWDs and students with special needs.

Furthermore, completed construction and renovation projects were said to already be in use, while other projects are still ongoing, such as the University Driver's Lounge and the University Shop.

More unfinished infrastructures are located at the university's satellite campuses and Campus 2, like the five-storey buildings for the College of Engineering (COE) and the College of Architecture and Fine Arts (CAFA).

Furthermore, completed construction and renovation unit heads and representatives additionally brought forth their challenges for the university president, emphasizing the need for stronger student and workforce support.

Dr. San Andres accepted the presented challenges and replied, "Taos-puso kong tinatanggap ang inyong mga hamon."

He also mentioned his other agendas for the faculty and non-academic personnel, primarily discussing their incentives, budget, and other institutional accomplishments.

16 news
Volume 02 Issue 01 **AUGUST** 2024 TO **MAY** 2025
The Official Student Publication of the **College of Science**


Photo by **Hans Angelo Bosi**

BSES STUDENTS CONDUCT CLEANUP DRIVE AT MALOLOS CANAL DVN. RD.

/ MICHAEL ANGELO POLICARPIO


Photo by **Hans Angelo Bosi**


Photo by **Hans Angelo Bosi**

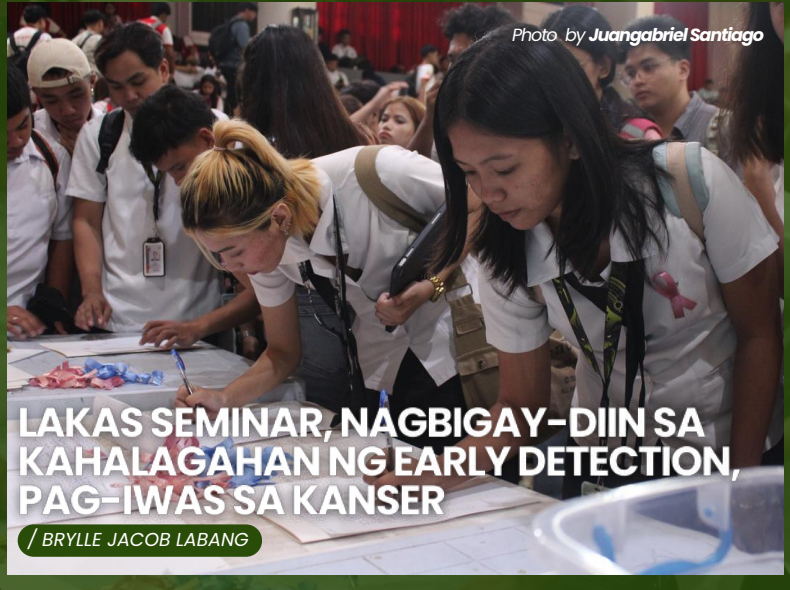
To reduce pollution and improve the water quality of the waterways, Bachelor of Science in Environmental Science (BSES) 4th year students conducted a cleanup drive on Friday, February 7 at the Malolos Canal Diversion Road located at Barangay Guinhawa next to the Bulacan State University.

This is part of their initiative project, the "Malolos Canal Diversion Road Rehabilitation Initiative Project" (MCDRIP) 2.0, which began under their Environmental Monitoring and Education professor, Dr. Cecilia Navasero-Gacson, during the first semester. The project then continues this semester under their Environmental Impact Assessment lecturer, Mr. Karl Kenneth Santos, MSc.

The students used rakes and nets to collect solid wastes from the water and Eco-Barriers installed at different water stations. They then segregated them into three categories: hazardous, non-biodegradable, and biodegradable.

Additionally, they carried out grass cutting in preparation for the planting of trees and propagules that can help in phytoremediation.

Afterwards, they threw Bokashi Balls into the canal. The primary purpose of this activity was to introduce the Bokashi following the recent cleanup drive. This Bokashi application is important because it likely aims to improve water quality, promote beneficial microbial activity, and support the overall health and rehabilitation of the irrigation canal ecosystem. This marked the first Bokashi application in phase 2.0 of their project.


Photo by **Juangabriel Santiago**

LAKAS SEMINAR, NAGBIGAY-DIIN SA KAHALAGAHAN NG EARLY DETECTION, PAG-IWAS SA KANSER

/ BRYLLE JACOB LABANG

Ang “LAKAS: Labanan Ang Kanser, Alamin at Suriin” seminar ay idinaos sa loob ng Bulwagan ng Valencia noong Setyembre 12 kasama ang mga eksperto, mga faculty ng Kolehiyo ng Agham at ilang mga estudyante nito kung saan napag-usapan ang kanser at ang pag-agap sa sakit na ito.

Pinangunahan ng resource speaker na si Dr. Fritzie Cabusao-Villegas, isang Radiation Oncologist, ang usaping kanser at ipinaliwanag ang estadistika sa pagkakaroon ng iba't ibang uri ng kanser base sa kasarian.

Nabanggit din niya na ang kanser ang ikalawa sa dahilan ng pagkamatay, sumusunod sa mga sakit na may kinalaman sa puso.

Ibinahagi rin ng speaker ang kahalagahan ng early detection para labanan ang cancer gayundin ang kung paano malalaman ang mga sintomas at mga nagiging dahilan nito at ang mga uri ng kanser gaya ng breast, cervical, prostate, colorectal, lung, stomach, skin, oral at liver cancer.

Napag-usapan din ang National Integrated Cancer Control Act (NICCA) o ang Batas Republika bilang 11215 na naglalayon na palakasin ang ating paglaban, pagkontrol, at pag-iwas sa sakit na kanser.

"There is hope," ang naging mensahe ni Dra. Cabusao-Villegas bilang eksperto sa larangan na ito na nangangahulugang ang kanser ay malalabanan, mapipigilan, at maiiwasan lalo na kung maaagapan.

Nagbigay naman ang dekana ng Kolehiyo ng Agham Dr. Thelma V. Pagtalunan ng isang mensahe na tumukoy sa responsibilidad ng mga estudyante at ng komunidad sa pagpapalakas ng loob sa mga may kanser, at paglaban at pag-iwas sa sakit na ito sa pamamagitan ng pananaliksik at edukasyon.

CS KICKS OFF SAMBALARAN 2024 WITH DATA ANALYSIS FORUM

/ ALLYSSA CHERLIZE SANTOS



Photo by **John Charles Bartolome**

The College of Science (CS) hosted the first of three edition of SAMBALARAN VIII, with the theme "Pag-unlad ng Komunidad: Patungo sa Makabuluhang Pagbabago sa Lipunan," delving into data analysis for research at Federizo Hall on Wednesday, September 25, attended by grade 10 students from Malolos City High School - Bungahan Campus.

The first part of the Sambalaran project was launched to hone the students' knowledge in data analysis and also to expand their skills in using Microsoft Excel as the faculties of the CS Mathematics department, Ms. Carla M. Clemente and Ms. Mary Ann C. Magtulis served as the resource speakers of the seminar.

Ms. Clemente tackled the basic concepts and significant points of data analysis, while Ms. Magtulis discussed the proper usage of Microsoft Excel and conducted a hands-on about the said software, participated by the students to apply what they have learned from the discussions.

After the seminar proper, an open forum was conducted by the CS faculty, Ms. Mara N. Roxas where students actively gave their queries and interacted with the speakers, which was followed by the awarding of certificates to the speakers and participants.

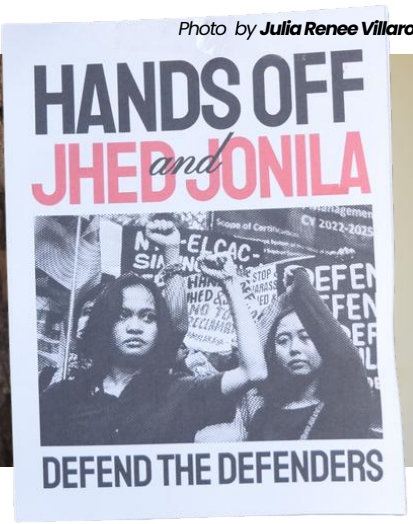


Photo by **Czamantha Nicole Gonzaga**

KILOS-PROTESTA PARA KINA JHED, JOLINA, ISINAGAWA

/ BRYLLE JACOB LABANG

Photo by **Julia Renee Villaroman**



Inilunsad ang kilos-protesta ng mga grupong pang-kalikasan na pinangunahan ng Kalikasan People's Network for the Environment at Hands Off Jhed and Jonila Network sa Plaridel, Bulacan noong ika-23 ng Setyembre.

Ang kilos-protesta ay iginanap upang ipaglaban ang pagbaba ng kasong Grave Oral Defamation laban sa kanilang dalawa matapos ilantad ang katotohanang dinakip sila ng Armed Forces of the Philippines noong nakaraang taon sa parehong buwan.

Bilang pagsuporta kina Jhed at Jonila, nagpaskil ng mga papel ang Student Government ng Bulacan State University sa Main Campus na nagtatanggol sa dalawa.

Nakasulat dito ang mga salitang, "Hands Off Jhed and Jonila," bilang pangunahing panawagan ng protesta.

BULSUANS JOIN COMMEMORATION OF 52ND MARTIAL LAW ANNIVERSARY

/ DANIELLA MANAHAN



Photo by **Justine Bryan Espina**

Students of Bulacan State University (BulSU) came together on Friday night, September 20, to mark the 52nd year after the declaration of martial law in the country.

The community gathered at the BulSU Valencia Hall to remember and pay homage to the victims of martial law through a living rosary and candle lighting ceremony.

Several statements were delivered by speakers who shared stories and sentiments of the martial law period, including former Student Government Senator Althea Trinidad.

She described it as a dark period for the nation, emphasizing the need to remember the acts of human rights violations that are still happening today, "Sana ang pagkilala at pag-alala natin sa martial law ay [maging] tanda ng pagkakaisa natin," she said.

Most students wore white shirts as a sign of protest against forgetting the events that happened during the martial law era and the attempts of revising the country's history.

It began on September 21, 1972, when then-president Ferdinand E. Marcos Sr. signed a proclamation that put the Philippines under military rule and was lifted on January 17, 1981.

3,257 extrajudicial killings, 35,000 confirmed torture cases, 77 forced disappearances, and 70,000 captivities are said to have occurred during the martial law regime.

The participation of the BulSU students in commemorating the anniversary of martial law included the signing of their manifesto about their call to fight for the education sector regarding the reported budget cuts for state universities and colleges (SUCs).

CS BIOLOGY DEPT. TALKS ABOUT HERITAGE TREES AS LAST EDITION OF SAMBALARAN VIII

/ KAYE CASSANDRA CRUZ

On Friday, October 11, the College of Science (CS) Biology Department led the last of the three editions of Sambalaran VIII, with the theme of "**Pag-unlad ng Komunidad: Patungo sa Makabuluhang Pagbabago sa Lipunan**," tackling the importance of heritage trees in the workshop entitled "**Big Old Trees: Heritage, Historic, and Landmark Tree Conservation**" held at Paombong High School Inc. Bulwagang Maria P. Pahati, attended by its Senior High School students.

The workshop led by Ms. Mary Ylane Lee, CS Biology Program Chair, highlighted the importance of heritage trees in terms of their environmental benefits, cultural and historical value, and aesthetic and psychological impact.
akikibaka.

According to her, heritage trees are large, old trees recognized for their biological, historical, cultural, and ecological significance, which are protected and celebrated for their unique importance, often becoming landmarks in communities.

Ms. Lee also discussed the actions that should be taken to protect these significant trees, and emphasized how diverse the area is in terms of these heritage trees and how important it is to recognize and protect them.

After the informative discussion, the participants were assigned an activity on "How to Carry Out Your Own Heritage Tree" survey where each group was tasked to roam around the area and find a tree they would measure and assess.



Photo by **John Charles Bartolome**



Photo by **John Charles Bartolome**

MLSSS HEADS OPLAN ABC AT SANTOR ELEM. SCHOOL

/ SHYLELUCK KATE PUNZALAN



Photo Courtesy to **MLSSS & Andreah Manglo**

September 27, 2024 — The Medical Laboratory Science Scholars Society (MLSSS), along with other Medical Technology students and College of Science faculty, conducted their program "**Oplan ABC** (**Always Be Clean**) to Stay Healthy, Alis Bulate, Tanggal Kuto, Linis Ngipin, at Kamay Program" at Santor Elementary School as part of SAMBALARAN VIII.

The program was opened by Sir John Rhil Tobias, who warmly welcomed the 56 third-grade attendees from Santor ES, and proceeded to introduce the concept of hygiene to the audience, which was followed by Ma'am Eloisa Singian, who discussed the different pathogens that may cause diseases to humans, especially children.

She introduced the basic concepts of parasitism in children and highlighted the importance of washing hands before and after eating and playing outside, wearing slippers when playing outside, and taking a bath every day.

Dr. Merlyn Cruz, the program chair of the BulSU Medical Technology program, strengthened the principle of hygiene practice with her engaging discussion of important and simple ways of avoiding soil-transmitted pathogens.

The talk was followed by a handwashing demonstration by MLSSS Vice President for Internal Affairs (VPIA) Kenneth Aquino who showed the proper way of hand sanitation, which the children followed through as they applied what they had learned during their actual hand washing.



Photo Courtesy to **MLSSS & Andreah Manglo**



Photo Courtesy to **MLSSS & Andreah Manglo**



Photo by **Justine Bryan Espina**

DAUNGAN WRAPS UP BALANGAYAN 2024

/ FIONA VENTURA

Bulacan State University's Balangayan 2024 concluded with a grand celebration titled "Daungan: Tala ng Tagumpay," held at Valencia Hall on October 30, Wednesday.

The much-anticipated event marked the pinnacle of a series that celebrated student excellence, leadership, and camaraderie. The closing ceremony, centered on the shining contributions of student leaders, recognized the most impactful organizations and individuals who made a difference in the campus community.

Organized by the Student Affairs Services and Office of Student Organizations and Activities, the event was designed to acknowledge the accomplishments of student organizations across a variety of categories.

Organizations were recognized for achievements in eco-fashion, project pitches, booth fairs, and online gaming competitions; showcasing the versatility and creativity of BulSUans. Key awards included distinctions for Outstanding Organization, Best Eco Fashion, Best Booth Tagline, and several other recognitions for exemplary service and engagement.

One of the evening's top honors went to the Integrated Students of Industrial Engineering - BulSU (ISIE-BulSU), awarded Outstanding Organization and recognized in multiple categories. The Collegiate Resource Auxiliary of Technological Visionaries (CIT Creativ) also stood out with recognitions in categories like Best in Service and Best Booth Design, highlighting their commitment to service and innovation.

The event featured speeches by guest speakers, inspiring attendees to continue their pursuits in leadership and community involvement. Intermissions were filled with performances from student groups such as the CS Infinity Dance Crew and CICT FRX Crew, adding an energetic flair to the evening. Each performance underscored the event's purpose of celebrating student talent and passion.

Another highlight was the focus on sustainability, with categories like Eco Flag Making and Eco Fashion recognizing organizations that promoted environmental consciousness. The Kapisanan ng mga Mag-aaral sa Araling Panlipunan (KAPIMAPA) took home the award for Best Flag, while Samahan ng mga Mag-aaral sa Filipino (SAMAFIL) was honored for Best Eco Fashion.

The awarding ceremony culminated with the Eos Award for Early Bird Organization and Asteria Award for Best Dressed Organization, adding a touch of fun and encouraging creativity and participation. The Society for the Welfare of Information Technology Students (SWITS) also received multiple accolades, including Best Cinematography and Overall Winner in the video highlights competition.

In summary, "Daungan: Tala ng Tagumpay" was a fitting conclusion to Balangayan 2024, which consisted of other side-events: Kathimig, Gauran at Layag, Pagoda, Daloy, Likha, and Pamaagi that lasted from October 28 to 30.



Photo by **Justine Bryan Espina**



Photo by **Justine Bryan Espina**

BULSUANS, TUMINDIG SA PAGTAGUYOD NG KARAPATAN SA SRW MONTH

/ *QUEENIE IRISH QUIRAY*

Nangibabaw ang sigaw at tinig ng mga mag-aaral mula sa iba't ibang kolehiyo at kampus ng Bulacan State University (BulSU) upang makibaka at tumindig para sa karapatan ng mga mag-aaral at ng mga mamamayang Pilipino, itaguyod ang mga panawagan, at bigyang-liwanag ang mga isyung panlipunan na kasalukuyang kinakaharap ng bansa bilang bahagi ng pagdaraos sa buwan ng Students Rights and Welfare (SRW), Nobyembre 7.

Nagtipon ang bawat kolehiyo at kampus kasama ang kani-kanilang pambatong mga Lakan at Lakambini sa Bulwagang Valencia kung saan hindi nagpatinag ang mga mag-aaral sa pagsuporta at pakikibaka upang maipakita ang kanilang pagpapahalaga sa mga isyung matagal nang umuusbong.

Pinangunahan ni Assoc. Prof. Joseph Roy F. Celestino ang programa kung saan kanyang pinaliwanag ang kahulugan at simbolismo ng gasera sa tema ng selebrasyon na GASERA: Tanglaw ng Karapatan, Katotohanan, at Pakikibaka.

Sinundan ito ng State of the Student Government Address ni Pangulong Queenie Quintero kung saan tinalakay niya ang mga isyung kinakaharap ng unibersidad kabilang ang problema sa mga budget cuts sa mga state universities (SUCs), red-tagging, persons with disability (PWD) affirmative action plans, at libreng edukasyon.

Kasama rin sa kanyang talumpati ang mga proyektong napagtagumpayan ng kasalukuyang termino, kabilang ang mga educational discussion, pag-apruba sa PWD Guidelines Phase 1, pag-abot ng tulong sa mga nasalanta ng bagyo, pakikilahok sa mga medical mission at outreach program, at ang patuloy na pagsusulong ng mga petisyon para sa pagpapabuti ng mga imprastruktura sa unibersidad.

Lubos na idiniin ni SG President Quintero sa kanyang talumpati ang kahalagahan ng sama-samang pagtindig tungo sa pagkamit ng tagumpay sa mga panawagan at mga isyu na pinaglalaban ng mga estudyante.

Nagpatuloy ang programa sa pagpapakilala ng mga pambato ng bawat kolehiyo para sa Lakan at Lakambini ng Karapatan 2024, na bitbit ang kani-kanilang mga adbokasiya.

Ang SRW month ay isang taunang selebrasyon na isinasagawa ng mga estudyante sa pamantasan, na tumutuon sa mga panawagan ng mga mag-aaral sa mga nauugnay na isyung panlipunan maging ang mga napagtagumpayan at naipanalo ng mga kilusang kabataan.



Photo by ***Czamantha Nicole Gonzaga & Hans Bosi***

The Official Student Publication of the **College of Science**

Volume 02 Issue 01 **AUGUST** 2024 TO **MAY** 2025

news 21

BA SOPHOMORES, FRESHMEN LEARN INSIGHTS AT BE OPEN MARKETING SEMINAR

/ DANIELLA MANAHAN, KAYE CASSANDRA CRUZ, AND BRENT MARCO CAMUS



Photo by ***Justine Bryan Espina***

Sophomores and freshmen of the College of Science's Mathematics specialized in Business Applications (BA) program engaged in the "Be Open: Diving into the World of Marketing" two-day seminar at the College of Law AVR on November 14-15, 2024.

The first day resource speakers were Mr. Ryan Estrella, a marketing professional and instructor at the institution, and BS Entrepreneurship graduate of 2022 Mr. John Michael Dela Cruz, had their discussions on effective negotiation skills, and successful branding.

Mr. Estrella shared how marketing has different aspects that affect the overall effectiveness of selling and how marketers oftentimes "evilize" their strategies.

We are on the boundary of doing unethical and ethical ways [as marketers], lagi lang kaming sumasayaw 'don sa part na 'yon, lagi kaming nasa gitna," Mr. Estrella added.

Furthermore, Mr. Dela Cruz differentiated marketing from brand marketing, tackled several business opportunities, and primarily shared his own experiences, which he emphasized as discovery opportunities for students.

He gave key components for a strong brand strategy as well as several tips and advice, which are making connections, passion, having a positive mindset, and accepting failure.

On the other hand, the second day speakers consisted of Mr. Erwin Ursua, the founder and Chief Growth Officer of WinWithin Coaching and Consultancy, and Ms. Mary Ann Carranza, Doctor of Business Administration and BulSU faculty member.



Photo by ***Justine Bryan Espina***

Mr. Ursua's talk emphasized the essence of instilling a growth mindset on what he calls "viral marketing," accentuated the four P's of marketing: product, price, place, and promotion, and gave some important tips to develop further the students' managerial skills to be successful business tycoons in the future.

He wrapped up his talk with his inspirational quote, **"In a world where everyone is connected, the power to make something go viral lies in your creativity and courage. Keep testing, keep growing, and never stop creating!"**

Moreover, Ms. Carranza tackled personal branding and real-world marketing strategies, and highlighted that marketing is personal as entrepreneurs market themselves as their own product and creating a good image for one's branding is important.

"When you embrace authenticity, you create something no one else can replicate—a legacy that's uniquely yours," she added.

The two-day seminar concluded with open forums at the end of each resource speakers' talks, in which the students had more discussions on marketing.

Organized by the College of Science Local Student Council, the Be Open seminar catered to BA first and second year students to further deepen their understanding as they dive deep into the world of marketing.

22news
Volume 02 Issue 01 **AUGUST** 2024 TO **MAY** 2025
The Official Student Publication of the **College of Science**

STUDENTS' LEADERSHIPS SKILLS ENHANCED AT BULSU-OSOA 2ND TALAKAYAN

/ ANEL C. BARJA



Photo by **Justine Bryan Espina**

December 8, 2024 – The Bulacan State University Office of the Student Organizations and Activities (BulSU-OSOA) organized the 2nd Talakayan Meeting with the theme, 'TATAG: Pagsuong sa Alon Patungong Tagumpay,' at the BulSU E-Library Amphitheater.

The event aimed to equip student leaders to strengthen their leadership skills and capabilities to help them fulfill their responsibilities and foster personal growth.

The seminar highlighted various new and upcoming events, workshops, and interactive sessions that will help them navigate diverse fields inside or outside the campus, including Pandayan: Skill Set Camp and Sail Academy.

Participants were also given the chance to ask queries about certain events and information about activity requirements.


Photo by **Justine Bryan Espina**

Additionally, participants had the opportunity to listen to discussions about Sustainable Development and Global Competency. 'Katig 2025: Agos ng Himig,' a hydro-inspired benefit outdoor event/concert, employs the power of music and water to advocate for sustainable development goals. It will also showcase local talents who serve as advocates for quality education and environmental responsibility.

Meanwhile, Shaira Mae Palileo, Mathematics Society President, emphasized that the Sail and Pandayan Seminars will surely help every organization in honing skills in secretariat and financial management, and it will also help them in forming future partnerships with other organizations.

"Doon sa seminar po ngayon, isang word na madedescribe is beneficial, and as a president of an organization, malaki po ang pasasalamat ko sa OSOA sa lahat po ng binibigay nilang help and support sa aming org at sa opportunity para maging prosper yung organization namin, especially yung pagdevelop ng skills sa mga officer namin," she added.

MATHSOC HOSTS SEMINAR IN PARTNERSHIP WITH CASIO CALCULATORS PH

/ ALLYSSA CHERLIZE SANTOS


Photo by **Justine Bryan Espina**

December 3, 2024 — The Bulacan State University (BulSU) Mathematics Society (MathSoc), in partnership with Casio Philippines, conducted a seminar titled 'Savvy Society: Exploring Hidden Keys to Press Behind the Casio Calculators for Detailed Success' at the BulSU E-Library Smart Learning Room 2.

The event was attended by students from BS Mathematics from the College of Science (CS), BS Manufacturing Engineering from the College of Engineering (COE), BS Accountancy from the College of Business Education and Accountancy (CBEA), BS Secondary Education Major in Mathematics of the College of Education (COEd), together with MathSoc officers and the CS LSC, SME - BulSU, JPIA - BulSU, and SMMES.

Ms. Seatiel L. Gaerlan, academic coordinator for Casio Education Philippines, served as the seminar's resource speaker who reflected on the essence of leadership through shared insights and techniques of using scientific calculators in different mathematical applications in multiple academic fields that can be beneficial in establishing a profound pillar in the world of numbers.

Following the discussion proper was a fun-filled calculator game facilitated by the speaker, and an open forum participated by the students.

Additionally, the Casio Philippines offered student-friendly discounts on their selected calculators within a given duration.

The Official Student Publication of the **College of Science**

Volume 02 Issue 01 **AUGUST** 2024 TO **MAY** 2025

news 23

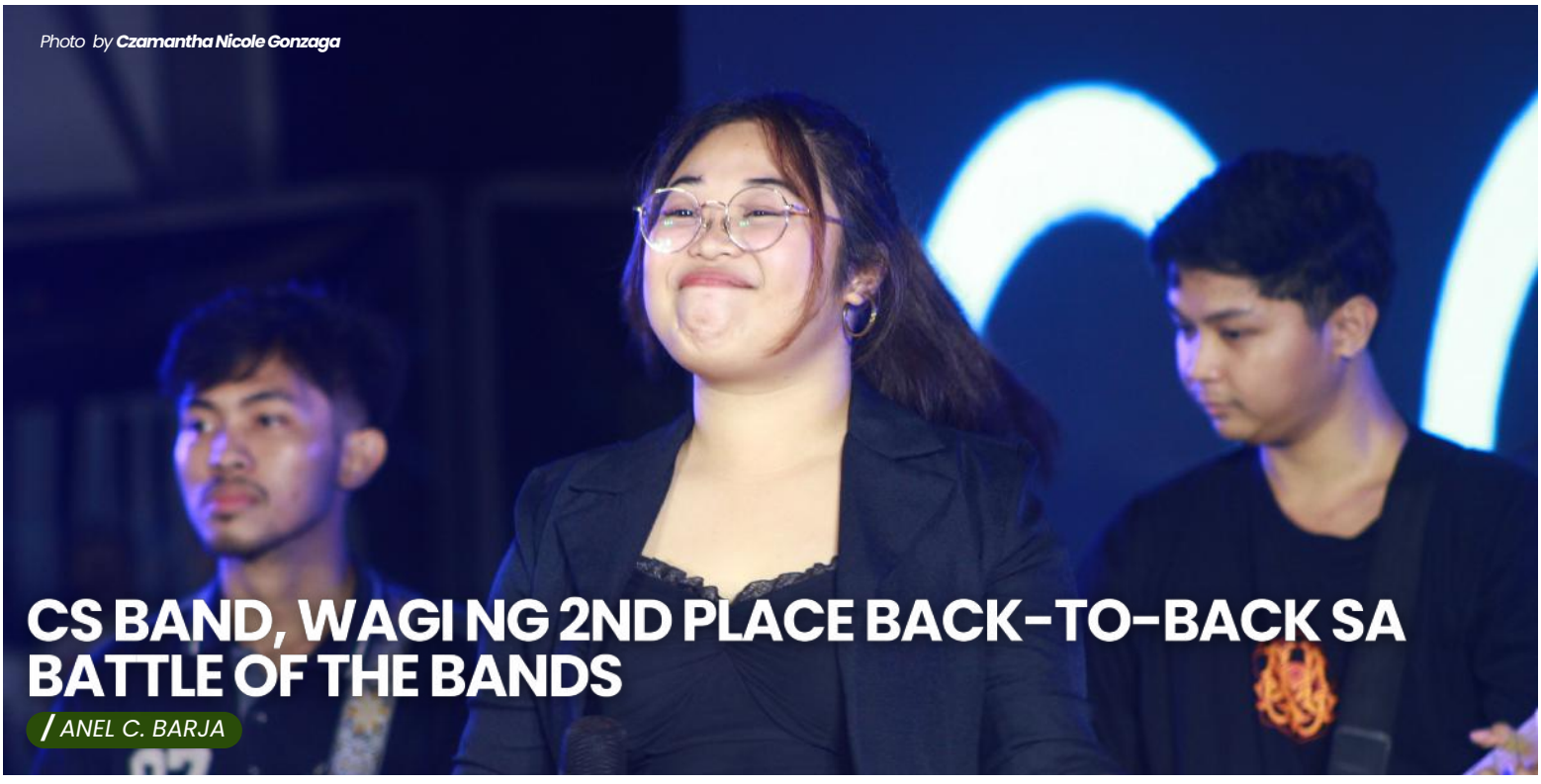


Photo by **Czamantha Nicole Gonzaga**

CS BAND, WAGI NG 2ND PLACE BACK-TO-BACK SA BATTLE OF THE BANDS

/ ANEL C. BARJA

Tagumpay na naprotektahan ng Bulacan State University College of Science (BulSU CS) Band and ikalawang pwesto nang makubrang muli ito sa ginanap na Battle of the Bands 2024 bilang parte ng pagdiriwang ng Foundation Week sa Heroes Park, Disyembre 10.

Nagtanghal ang banda ng kanilang sariling rendition ng mga kantang 'Sisikat Ka Iha' ng Bita and the Botflies at 'Sumayaw Ka' ni Gloc-9.

Ang lineup naman ay binuo nina Nicole Chin Arceta at Christian Apostol bilang bokalista, Nathan Gil Arcega sa bass guitar, Jerahmeel Hipolito sa rhythm guitar, Darwin Iñigo Alba sa lead guitar, Bryan Jett Calulo sa keyboard, at Richard Bernabe sa drums.

Sa kabilang banda ay nag-uwi ng ikatlong pwesto ang College of Hospitality and Tourism Management (CHTM), ikaapat ang College of Business Education and Accountancy (CBEA), unang pwesto ang Meneses Campus, at nakamtan naman ng College of Information and Communications Technology (CICT) ang kampyeonato.



Photo by **Juangabriel Santiago**



Photo by **Juangabriel Santiago**

BLOOD TYPE NG BULSUANS, INALAM SA BLOOD TYPE REVEAL EVENT NG CS LSC

/ BRYLLE JACOB LABANG

Naging matagumpay ang blood type reveal event ng College of Science Local Student Council (CS LSC) matapos itong daluhan ng mga estudyante mula sa iba't ibang kolehiyo na ginanap sa E-Library Cafeteria, Disyembre 12.

Ito ay pinangunahan nina Ms. Kristine M. Turingan, RMT ng East Avenue Medical Center; Mr. John Rhil Tobias, Mr. Elcharle Bala, Mrs. Eloisa Singian, Ms. Rachel Patawaran, at mga clinical instructor ng Medical Technology program sa pamantasan.

Nagbigay tulong din ang mga estudyante ng Medical Technology mula sa second at third year levels sa nasabing event sa ilalim ng supervision ng mga lisensyadong Medical Technologists.

Sa kabuuan, nakapag-blood type ang 294 na mga estudyante, faculty, at iba pang miyembro ng BulSU Community.

24news
Volume 02 Issue 01 **AUGUST** 2024 TO **MAY** 2025
The Official Student Publication of the **College of Science**

CS DEAN DR. PAGTALUNAN: BSM-BA TO BE 'PARKED' TEMPORARILY

/ MICHAEL ANGELO POLICARPIO

The specialization Business Applications under the Bachelor of Science in Mathematics (BSM-BA) program will not be offered by the College of Science (CS) in the next academic year, 2025-2026, as per the list of programs released by the Admissions and Orientation Services Office during the freshmen online application held from November 2024 to January 2025.

In an interview with CS Wizards, College Dean Dr. Thelma Pagtalunan said the number of applicants for the last three years calls for the administration to decide whether to continue offering this specialization under the program.

"For the mean time ay 'pinark' lang siya. Ang reason—kakaunti ang ating applicant[s] dito sa program na ito. 'Yong Computer Science [major] natin napakarami ang takers niyan. 'Yan ang pinakamabili doon sa tatlong specialization. Bale itong AS (Applied Statistics) kaunti lang din e, pero mas kaunting 'di hamak ang data nito [Business Applications]. For the last three years tinignan namin yung mga data nito kasi 'di tayo pwedeng mag-decide lang nang bastang abrubt na decision. Kailangan nating mag-base sa data. So nakita namin sa data na 'single digit' ang mga nag-aappply. Nung mga nakaraan ginagawan namin ng paraan, pero talagang napakaliit nung data. Napakaliit ng takers."

Dr. Pagtalunan also emphasized that this decision would have no "big effect" on the students and faculty.

"Wala naman itong malaking epekto. Dahil nandyan pa rin naman ang Business Applications ngayon. 'Di ba merong 1st [year] ngayon, may 2nd year, tuloy-tuloy pa rin sila, walang effect sa kanila 'yon. Di naman [gagawing], let's say na [kapag] 2nd year [na] sila, iibahin yung kanilang specialization, dire-diretso pa rin sila."

"Bale sa Math per se, wala masyadong implikasyon o problema. Let's say sa mga faculty, 'yung mga nagtuturo ng BA, same faculty ang nagtuturo sa AS at CS. Napaka-flexing ng mga faculty natin, so walang madi-displace na mga faculty. Ayos naman ang lahat, nandyan pa rin ang lahat ng faculty natin na nagtuturo dito kaya wala talagang effect sa atin," she added.

Further, Dr. Pagtalunan said this specialization is quite similar to a program offered by the College of Business Education and Accountancy (CBEA), and this will return in a better "nomenclature."

"Ngayon ang plano natin ay mag-isip ng iba pang pwedeng 'nomenclature.' Instead na Business Applications, kasi parang sa CBEA ngayon meron silang ganyan, hawig. Baka akala nila 'yon din 'yon, kaya 'di napapansin 'yung atin. So ang pinaka-best thing to do is to change the 'nomenclature' na medyo mas appealing sa ating mga estudyante."





Photo Courtesy of **Ms. Mary Ylane Lee**

CS BIOLOGY STUDENTS DEMONSTRATE EXCEPTIONAL KNOWLEDGE, TEAMWORK AT 11TH NIGQC

/ SHYLELUCK KATE PUNZALAN

BS Biology students from the Bulacan State University College of Science (BulSU CS) achieved an impressive finish in the National Intercollegiate Genetics Quiz Contest (NIGQC) and Essay Writing Competition held at the University of the Philippines Los Baños on November 25 to 28, 2024.

Covering a wide array of topics that focuses on biotechnology, population genetics, and cell and molecular biology, the quiz bee challenged participants to apply their theoretical knowledge in a fast-paced and competitive environment.

Daniela Ann Gulapa from BS Biology 4B bagged 7th place in the Essay Writing competitions, while for the team competition, composed of three fourth-year BS Biology students, demonstrated exceptional knowledge and teamwork.

For the NIGQC Synapsis Individual Exam, Ramir Vincent Chan (BSB 4A) bagged 7th place, Bradley M. Sarmiento (BSB 4B) won 10th place, and Ronnel S. Bernardo (BSB 4C) placed 11th. The trio also took a 6th place win in the NIGQC - Dogma and Genetic Drift Group Quiz Bee.

The participants also had the guidance of their coaches, Jovie Nicolas, Mary Ylane Lee, and Marianne Santos.

The NIGQC coincides with National Biotechnology Week and has long opened its quiz contests to different colleges and universities all over the country.

BULSUANS ATTEND STUDENTS' RIGHTS TALK WITH ATTY. CHEL DIOKNO

/ BRENT MARCO CAMUS

Human rights defender and Akbayan Partylist First Nominee, Atty. Chel Diokno spearheaded the discourse in the program *"Usapang Karapatan with Chel Diokno: Students' Rights and our Democratic Fight,"* on February 7 at the BulSU E-Library Function Hall.

Catering to various enthusiastic students across different colleges, the program was guaranteed to deliver a lasting impact on their stand and perspective on human rights and multiple issues introduced by the College of Arts and Letters (CAL) Governor and current Luzon Vice Chairperson of the Student Council Alliance of the Philippines (SCAP) Alvin Sagabaen.

The attendees were given further insights on some public issues such as the learning crisis, teenage pregnancy, the war on drugs, red tagging, shortage of farmers, and gender discrimination.

Atty. Diokno started his talk by further defining the meaning of "karapatan" and "katarungan," highlighting their etymological roots and signifying that all Filipinos must experience these privileges while also having the liberty to exercise them without being oppressed.

He also emphasized the need to fight for human rights, as it will only take on full effect if all Filipinos can wholeheartedly accept and embrace it.

The attorney also praised the youth's "heart" and determination to always be the forefront of the fight against oppression, and as such, promoting and protecting the youth's student rights is a priority aspect of his advocacy, reminding his "CHEL-dren" that the power to change is with the power of the youth of the country.



Photo by **Andrew Detalo**



Photo by **Justine Bryan Espina**

OSOA CONCLUDES 4-DAY EVENT OF SAIL ACADEMY 2025

/ DANIELLA MANAHAN

The Bulacan State University Office of the Student Organizations and Activities (OSOA) concluded its four-day event of Students Aiming for Integral Leadership (SAIL) Academy 2025 on Saturday, March 8.

Despite the inclement weather, schedules for the last day of the event still proceeded, including its team building held at Campus 2 Student Lounge, a roundtable discussion with previous OSOA chairpersons held also at Campus 2 COE building, and the awarding ceremony held at Activity Center.

According to current OSOA Chairperson Sofia Lou Magtalas, they did not expect the rainy weather, resulting in the change of venues that were supposed to be outdoors.

"Hindi talaga namin napaghandaan 'yung ulan. Actually ang napaghandaan namin ['yung] sa [high] heat index, pero 'yung ulan kanina hindi talaga namin siya na-foresee. So para sa'kin, medyo nalungkot ako sa part na 'yun na hindi gaanong na-enjoy ng sailers."

The team building scheduled in the morning consisted of teams Ragasa (violet), Omega (blue), Emphatinators (red), Vanguards (pink), Anchors (brown), C2G (green), and Midas (yellow).

They showcased their respective group-made flags, chants and yells, and teamwork during the team-building activities.

Moreover, five previous chairpersons from the OSOA Executive Board XI to XV, Ms. Patricia Anne Reyes, Mr. Keeno Darryl Gozon, Mr. Tyrone Keine Paz, Mr. Felix Alexandre Abrugar, and Mx. James Patrick Dabu, had their roundtable discussion with the student leaders, sharing their own experiences and stories.

The discussion also focused on questions from the attendees, which revolved around leadership, dilemmas, responsibilities, and tips from the speakers.

Completing the event, the awarding ceremony took place in the evening attended by participants wearing semi-formal attire, also holding a torch-lighting ceremony and an open forum or reflection throughout the event duration.

Chairperson Magtalas expressed feelings of accomplishment with the growing reach and participants of SAIL Academy, "Binabanggit lang sa'kin ng mga past kapitan na dati nasa 30 lang sila, pero ngayon halos doble na yung dami nila."

"Ibig sabihin n'on mas dumadami or mas lumalaki yung reach ng BulSU OSOA at mas dumadami yung student organizations and student leaders na gusto talaga mag-serve sa organization nila at sa kapwa nila estudyante."


Photo by **Justine Bryan Espina**

Meanwhile, Biological Sciences Society Peterson Mendoza expressed thoughts and enjoyment as a participant of the event, "Sobrang nakakapressure pero iba sa feeling 'pag surrounded ka ng mga taong mas matalino, mas active, mas magagaling sa'yo, ito 'yung something na mas inadmire ko sa lahat [at] mas naappreciate ko ang kabuuan ng OSOA dahil sa program na ito."

"Aside from the climate change po na naranasan natin [on this day], wala naman pong naging problema, na-surpass po ng OSOA yung expectations ko sa event na ito," he added while suggesting the event to be moved to other dates instead of high heat index season next term.



SAIL Academy is an annual event organized by OSOA, featuring student leaders from recognized organizations within the university to socialize and train to be better leaders.

BIOLOGY STUDENTS EXPLORE SCIENCE, ART, CONSERVATION IN OFF-CAMPUS EDUCATIONAL TRIP

/ MR. JOVIE E. NICOLAS


Photo Courtesy of **Mr. Jovie E. Nicolas**


Photo Courtesy of **Mr. Jovie E. Nicolas**

BS Biology students from Bulacan State University College of Science (BulSU CS) embarked on an enriching off-campus educational trip to Baguio City on March 15 to 16 as part of their coursework in Systematics and Evolutionary Biology.

The two-day trip started off with an immersive activity at the Baguio Botanical Garden, where students identified plant species and documented their morphological characteristics. This hands-on experience provided them with a deeper understanding of plant biodiversity in a highland ecosystem.

A key highlight of the trip was an off-campus seminar titled "On the Nexus of Biodiversity Conservation and Urban Development." The seminar featured two esteemed speakers: Dr. Jones Napaldet, who discussed the flora of the Cordilleras and the threats to upland biodiversity in the face of climate change, and Dr. Domelson Balangen, who shared insights on integrating biodiversity conservation into urban development planning.

Following the seminar, students participated in a painting activity at Burnham Park, drawing inspiration from nature to create works of art. This creative exercise aimed to blend scientific appreciation with artistic expression, reinforcing the connection between nature and human creativity.

The off-campus trip provided students with valuable real-world insights into biodiversity and conservation, complementing their academic studies with experiential learning in one of the Philippines' most ecologically significant regions.

NAGWAGI SA TAGISAN NG TALINO SA MATH, SCIENCE QUIZ BEE 2025, KILALANIN

/ QUEENIE IRISH O. QUIRAY

Isinagawa noong ika-3 ng Abril ang huling tagisan ng Mathematics and Science Quiz Bee 2025 na ginanap sa E-library Functional Hall na taunang isinasagawa bilang parte ng pagdaraos ng Science and Math Awareness Week ng Kolehiyo ng Agham.

Dinaluhan ito ng mga mag-aaral mula sa iba't ibang programa at kolehiyo na may likas na kagalingan at interest sa mga partikular na kategorya.

Binuo ng Categories A, B, at C and Mathematics Quiz Bee kung saan ang A ay bukas sa lahat ng mga mag-aaral sa non-math at non-engineering programs, B ay para sa mga first-year na mathematics at engineering programs, habang ang C ay para sa mga second hanggang fourth-year students ng mathematics program.

Sa kabilang banda, binuo naman ang Science Quiz Bee ng apat na kategorya: Biology, Chemistry, Physics at Environmental Science na sa kauna-unahang pagkakataon ngayong taon ay isinama sa kompetisyon bilang bagong karagdagan sa taunang tagisan.

Ang sumusunod ay listahan ng mga nagwagi sa Mathematics and Science Quiz Bee 2025:


Photo by Hans Bosi


Photo by Hans Bosi

MATHEMATICS QUIZ BEE

Category A
1. Kimura, Yuhji Paul V.
2. Sison, Divine S.
3. Fabian, Lyzander Jeptah C.

Category B
1. Ignacio, Vince D.L.
2. Dabu, Jose Mari
3. Rabe, Marc Luiz

Category C
1. Manalang, Daniel B.
2. Baldorado, John Ryan B.
3. Gabor, Jhaness Ivy P..

SCIENCE QUIZ BEE

Biology
1. Aquino, Kenneth B.
2. Mandia, Jam Jeremy C.
3. Crisostomo, Raphael P.

Chemistry
1. Manapat, Ian Gabriel G.
2. Evangelio, Angelica Kim G.
3. Gonzales, Patrize Shainey A.

Physics
1. Clavio, Yollen Jann
2. Bautista, Jerome Joematrio Jr.
3. Perez, Kevin Franz R.

Environmental Science
1. Macalit, Steven Bryan D.
2. Antonio, Gilbay Jr. C.
3. Lazaro, Elbert Shannon A.

Ang mga nagwagi ay tumanggap ng mga sertipiko ng pagkilala at cash prizes bilang pagkilala sa kanilang matagumpay na paglahok at pagdalo sa nasabing kompetisyon.

Isinagawa naman ang elimination round noong ika-13 ng Marso na ginanap sa AVR B ng Federizo Hall at nailathala ang opisyal na listahan ng mga kalahok na umusad sa final round noong ika-18 ng Marso.

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BSES STUDENTS CONDUCT FIELD WORK AT NMIA SITE

/ MICHAEL ANGELO POLICARPIO

Bulakan, Bulacan – Senior students from the College of Science - BS Environmental Science program took part in an insightful field work activity at the New Manila International Airport (NMIA) site in Taliptip, Bulakan, Bulacan, on Friday, March 21. The fieldwork was conducted as part of their Environmental Impact Assessment course requirement.

During the field work, students assessed four environmental aspects: Social Impact Assessment, Soil Quality Assessment, Water Quality Assessment, and Biodiversity Assessment. Each group focused on a specific area to evaluate the ongoing effects of the NMIA construction on the local community and the environment.

The Social Impact Assessment team engaged with the local community through interview questionnaires to gather insights into their perceptions, concerns, and expectations about the airport project.

Meanwhile, the Soil and Water Quality Assessment team conducted sampling and in-situ analysis at three different stations to assess soil and water quality in the area. They later performed an ex-situ analysis in the laboratory after returning to campus on the same day.

The Biodiversity Assessment team documented the remaining flora and fauna around the site, determining the ecological impact of ongoing construction.

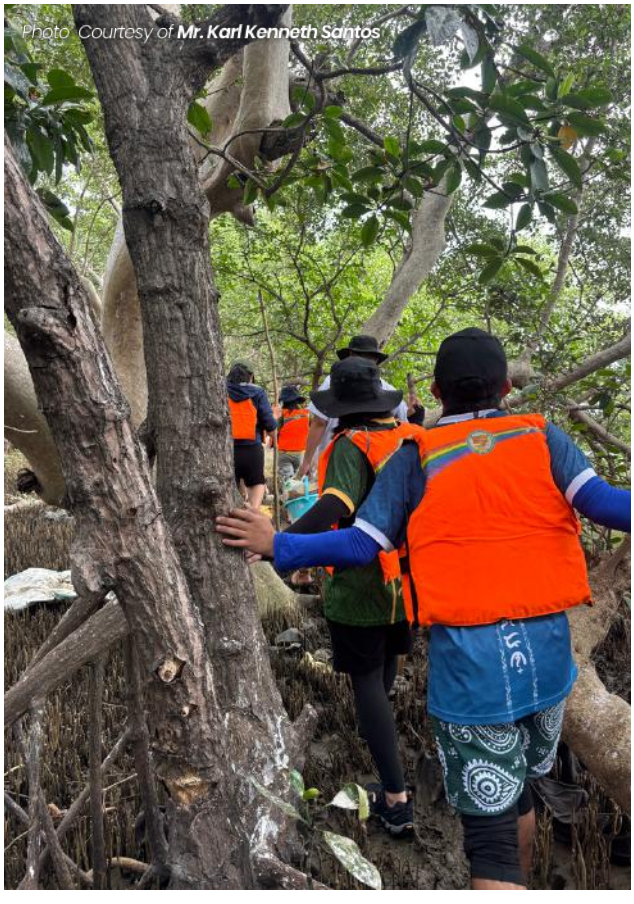
Using binoculars and measuring instruments, they conducted an inventory of tree and bird species.

Since its construction in 2022, the NMIA project has raised environmental concerns, particularly regarding its impact on public health, biodiversity, and the ecological balance in Taliptip.

This immersive field work allowed students to gain firsthand experience in environmental impact assessment, highlighting the importance of sustainable development and responsible infrastructure projects.


Photo Courtesy of **Mr. Karl Kenneth Santos**


Photo Courtesy of **Mr. Karl Kenneth Santos**


Photo Courtesy of **Mr. Karl Kenneth Santos**



Screenshot from a video by **Angelo Yvan Sarile**

PILA SA APLIKASYON PARA SA ATBULSU 2025, DINAGSA HANGGANG MAGDAMAG; ADMISSIONS, NAGBIGAY NG PALIWANAG; PANAWAGAN PARA SA REPORMA SA SISTEMA, UMUGONG

/ ANEL BARJA AND KYLA MENDOZA

Naging laman sa social media ang mga larawan at bidyo kung saan tampok ang mahabang pila ng mga aplikante na magsusumite ng kanilang mga dokumento para sa taong panuruan 2025-2026 sa harap ng Bulacan State University (BulSU) noong Disyembre 17.

Inulan ito ng iba't ibang komento mula sa mga magulang at mga mag-aaral. Ayon sa mga ito, alas-8 pa lamang ng gabi ay nag-aabang na ang mga aplikante sa pagbubukas ng opisina ng Admissions upang makahabol sa 1,000 quota kada araw.

Binigyang diin naman ni Mr. Erwin Capardo, Director ng BulSU Admissions and Orientation Services Office, na wala silang naging pagkukulang upang ibato sa kanilang opisina ang sisi kung bakit humantong sa ganoong pangyayari ang pila para sa aplikasyon sa darating na Admissions Test ng BulSU (ATBulSU), dahil aniya ang lahat ng impormasyon ay ibinahagi na nila nang buo sa kanilang Facebook page.

"Bawat applicant ay may schedule ng pagpunta sa University. Ngunit noon November, marami sa kanila ay hindi nagpunta sa kanilang takdang schedule. From 100 applicants in November, it went up to 800 applicants per day in December. Itong mga applicants na hindi nakapunta ng November ay inaccommodate natin ng December sa kagustuhan na rin ng Presidente ng BulSU na mabigyan ng pagkakataon lahat ng applicants na makakuha ng exam para makapasok sa BulSU at sa pakiusap na rin ni President Queenie. Inextend din namin ang deadline para ma-accommodate lahat ng applicants," ayon sa Admission Office nang tanungin ukol sa ugat ng nasabing pangyayari sa panayam niya sa CS Wizards.

"Hindi kami nagkulang ng paalala na magpunta ang mga applicants sa kanilang schedule. Wala rin po kaming announcement na dapat magpunta sila ng madaling araw or a day before their schedule."

"Bukod sa dagsa ng unscheduled applicants, natagalan din kami sa pag proseso dahil sa maling information na ipinasok ng applicants sa kanilang form, katulad ng pagpili ng board course kahit na hindi s'ya qualified. Dagdag pa ang mabagal na system. Gayun pa man ay sinigurado namin na lahat ay ma-accommodate kaya nag start kami as early as 6 a.m. and even extended our operating hours until 8 p.m.," dagdag pa ng opisina.

Ani naman ni Queenie Quintero, ang kasalukuyang Student Government (SG) President, agad silang tumugon sa insidente, nakipag-ugnayan sila sa Admissions upang magkaroon ng pansamantalang matutuluyan ang mga estudyanteng bumiyahe pa nang malayo at upang magkaroon din ng lugar kung saan sila maaaring makapaghintay hanggang magbukas ang opisina nito.

"Tayo ang nag-request upang habaan pa ang extension ng passing of requirements at nagbigay ng mas maayos na scheduling system. Kung saan may sapat na araw makapagpasa ang mga bata na hindi nakapagpasa nung araw nila at maiprayorita ang mga nakaschedule din sa araw na iyon," dagdag pa niya.

Hamon sa Sistema at Panawagan para sa Reporma

Ayon kay Quintero, isa rin sa naging dahilan kung bakit tumatagal ang proseso sa pagtanggap ng mga aplikante ng Admissions ngayong taon ay dahil pa rin sa paglalag na nararanasan sa ginagamit na system o sa portal.

"Palpak. Ilang taon nang paulit-ulit na sistema ang gumagana sa Admission at ilang taon na rin tayo pinapangakuan ng pagbabago sa ginagamit na sistema. Kung mas mabilis at maayos ang gagamitin na system ay tiyak na mas mapapabilis ang proseso sa Admission, kaya naman patuloy nating nilo-lobby ang pag-aalis ng kasalukuyang sistema at pagpapalit nito."

"Sabay ng online enrollment, sabay din ang application. Iisa system, nagbabangga, so tumagal pa rin," saad naman ni Mr. Capardo.

Samantala, inaasam naman ni Mr. Capardo ang pagkakaroon ng sariling gusali ng kanilang opisina upang hindi na nila kailangang hiramin ang E-Library, kung saan ito ang kasalukuyang lugar na pinagpapasahan ng mga mag-aaral.

“We are getting around 30,000 applicants. Pero ‘yung current admission office ay kaya lang i-accommodate [ang] 3,000 na tao. With the help of our University President, masosolusyunan na ito sa pamamagitan ng pagpapatayo ng Admission Office building na maaari na maging operational next year. Next year, mas maayos na. Mas marami na tayong maa-accommodate.”

Karanasan sa pagpapasa ng mga dokumento

Para kay Brent, aplikante, nakauubos ng oras ang pagpapasa ng mga papeles at halos ang buong araw ay nailaan lamang niya sa pagpila.

“Medyo mahaba ‘yung pila kahit maaga ako pumunta, gumagalaw lang yung pila nung nag 9 to 10 a.m. na tapos halos 1 or 2 lang yung nag-iinterview bago mag-hapon.”

Sa kabilang banda, ayon naman kay Paul, 18, naging maayos naman ang serbisyong ibinigay ng Admissions nang siya ay magpunta sa kanilang opisina.

“You will just give the requirements needed, then fill out the given form, and all of a sudden, tapos ka na—nakapag-apply ka na sa BulSU, just as fast as that. And just a sprinkle on top, from what I've observed, ang bait ng staffs/ personnel ng BulSU—from guards, registrars, and to some professors we met. I feel safe and comfortable with them, kaya even I, who is an introvert, was able to apply and to submit my requirements with ease and confidence,” saad naman ni Aljon, aplikante mula sa San Rafael Campus.

Samantala, sinimulan na rin ng nasabing departamento ang pagpapadala ng mga emails noong Pebrero 6 sa mga mag-aaral na nais makapasok sa unibersidad na naglalaman ng mga importanteng detalye katulad ng General Guidelines, Test Permit, Room Assignment, Building, oras, at Testing Center (Campus) na kanilang kinakailangan sa araw ng pagsusulit. Ang naturang ATBulSU 2025 ay ginanap naman noong Marso 16 na dinaluhan ng mga aplikante.



*Screenshot from a video by **Angelo Yvan Sarile***



Photo by **Vince Aaron Polintan**

PARTIDONG KSM-CS, NAGHAIN NA NG KANDIDATURA PARA SA SG ELEX

/ MICHAEL ANGELO POLICARPIO

Pinamunuan nina incumbent Environmental Science Society (EnviSoc) President Chris Kenneth "CK" Gabagat at Finance Head Jehan Grace "Jehan" Surio ang paghahain ng kanilang kandidatura bilang gobernador at bise gobernador ng College of Science (CS) ng Local Student Council (LSC) slate sa ilalim ng partidong Katipunan Student Movement (KASAMA) noong Miyerkules, Marso 5.

Sa panayam ng CS Wizards, ibinahagi ni Gabagat na ang kanyang karanasan sa EnviSoc ang naging inspirasyon niya upang tumakbo bilang gobernador.

"Dito (sa EnviSoc), mas nagkaroon ako ng buhay o dedikasyon upang tumakbo bilang gobernador, upang mabigyan pa ng mas malawak na espasyo ang bawat sektor ng ating pamantasan o kolehiyo... kasama dito ang mga advocate, PWD, LGBTQ+, at working students," ani Gabagat.

Hinikayat din niya ang mga botante na suriin ang plataporma ng mga kandidato sa halip na ituon lamang ang pansin sa partidong kinabibilangan nila.

"Kilalanin ang bawat kandidato. Kung titingnan lamang natin ang party list o partido, hindi natin makikilala nang lubos ang kumakanditato."

Samantala, kasama nilang naghain ng kandidatura bilang board member ang mga sumusunod:

Alexandrae Lorraine "Alex" Salazar (Biology)
Pia Ashley "Pia" Sioson (Environmental Science)
Charmaine Kate "Char" Rumbawa (Food Technology)
Carl Elwyn "Carl" Alvaro (Mathematics - Business Applications)
Alliah Leona "Alli" Francisco (Mathematics - Computer Science)

AS BM MAGAT FILES INDEPENDENT BID FOR SENATORIAL POSITION

/ LEXIE ALFONSO AND CHESTER DANIEL VALENCIA

Incumbent Mathematics - Applied Statistics Board Member Nataniel Francis Magat files an independent bid for a senatorial position in the upcoming 2025 Student Government Elections (SGE).

"They failed to see my value and contributions na nagawa ko as an advocate member nila so I disaffiliated," Magat stated when asked about the reason as to why he left his former party.

It can be remembered that Magat ran under the BulSUOne party in the previous elections, with their group achieving a full slate in the college.
Magat also reiterated that he has nothing but respect for his former colleagues.



Photo by **Chester Daniel Valencia**

BULSUONE REVEALS CS SLATE FOR SGE 2025

/ LEXIE ALFONSO

The BulSUOne party officially kicked off its campaign for the Student Government Elections (SGE) 2025 with the filing of certificates of candidacy of their College of Science (CS) Local Students Council (LSC) lineup on Monday, March 3.

Leading the slate are aspiring Governor Sean Kurt Valdesotto, the incumbent Biology Board Member, and Vice Governor hopeful Jon Alliary De Guia who currently serves as the Mathematics - Computer Science Board Member.

"Ang pagtanggap ko ng hamon na 'to ay isang pribilehiyo at isang oportunidad para mas mabigyan ko ng tulong hindi lang ang program ko, kung hindi ang buong College of Science," Valdesotto stated.



Photo by **Vince Aaron Polintan**

Valdesotto and De Guia are joined by the following Board Member candidates:

Environmental Science – Franco Kallil Farro
Biology – Cesar Louie Sarmiento
Food Technology – Railey Ivess San Victores
Medical Technology – Blessie Joy Robles
Mathematics - Computer Science – Leandro Gabriele Austria
Mathematics - Business Applications – Charlene Joy Cortes
Mathematics - Applied Statistics – Jeyaros Charmaine Tayao

With significant support from fellow students, the candidates gathered at the BulSU Activity Center and began their procession through the university.

They marched through the halls of Federizo Hall, home of the College of Science, before arriving at the University Commission on Student Elections (UCSE) office in Room 101 B of Mendoza Hall to formally submit their certificates of candidacy.

Remembering the current 12-year leadership of BulSUOne in the College of Science, Valdesotto expressed that there is pressure to extend this tenure, emphasizing relativity as according to him, the needs of the students differ each year.

“Bawat panahon at bawat termino, nagbabago ang pangangailangan ng estudyante. So kami, I’m proud to say na we are all suited for this [next] term,” he remarked.



KASAMA, NAGSUMITE NA NG COC SA PANGUNGUNA NI SSC PRESIDENTIAL ASPIRANT ROMAN

/ ANEL BARJA AND JOHN CHARLES BARTOLOME

"Konsehong may patutunguhan, proaktibo at konsultatibo."

Ito ang tiniyak ni Prudence Roman, kandidato sa pagkapresidente sa ilalim ng Katipunan Student Movement (KASAMA), sa kaniyang pagsusumite ng Certificate of Candidacy (COC) noong Marso 6, sa opisina ng University Commission on Student Elections (UCSE).

Sa panayam ng CS Wizards kay Roman, ibinahagi niya ang kaniyang dahilan sa paglahok sa Student Government Elections (SGE) 2025.

"Napili nating tumakbo bilang presidente dahil muli tayong pinagkatiwalaan ng partido at miyembro nito... Ayaw natin na naiiwan yung mga estudyante na walang kaalam-alam... Ang Student Government ay para sa estudyante, kaya dapat ang lahat ng ginagawa ay galing sa estudyante at para sa estudyante," ani ni Roman.

Samantala, kasama niyang naghain ng kandidatura si Lovely Vasquez Jaspe bilang kaniyang bise presidente, pati na rin ang mga senatorial aspirants mula sa iba't ibang kolehiyo at kampus:

- JR Rafa, Christian James Sapitan, at Dianne Joi Peralta (College of Engineering)
- Nico Yuchongco at Cheenee Uy (College of Social Sciences and Philosophy)
- John Camacho (College of Architecture and Fine Arts)
- Gerica Legaspi (Sarmiento Campus)
- Danny Boy Caingoy (Meneses Campus)
- Apple Hormigas (Hagonoy Campus)
- Raingel Chico (San Rafael Campus)
- Jhessa DJ. Ramos (Bustos Campus)
- Kem Ladia (Laboratory High School)

Matatandaan na tumakbo si Roman bilang bise presidente noong 2020 sa ilalim ng STAND BulSU (na ngayon ay KASAMA BulSU). Ngayon, siya ay isang student returnee mula sa College of Hospitality and Tourism Management (CHTM).

STUDENTS GAIN INSIGHTS INTO NAVIGATING FINANCES AT UPRISE SEMINAR

/LEXIE ALFONSO



Uprise: Navigating Financial Literacy" drew a diverse number of students on February 17, 2025, at the BulSU E-Library Amphitheater. Students gained valuable insights about financial literacy as the event focused on empowering students to take control of their finances and make responsible decisions.

Spearheaded by the College of Science Local Student Council (CS LSC), the seminar was geared towards 3rd and 4th year Mathematics - Business Applications students and working students but was open to other programs from the College of Science.

The talk commenced with an opening remark from Dr. Valentine Blez Lampayan, an instructor from the College of Science Mathematics Department. In her address, she reminded the students to be grateful for this kind of event as financial literacy is becoming more of a necessity rather than just an advantage.

Ms. Jellie Ann Villarete, a licensed financial advisor and planner, was the first speaker to share her knowledge. Her talk centered on financial stability, with her defining and simplifying the concept of financial stability. She emphasized the importance of emergency funds, minimal debt, investments, and stable income in reaching and securing financial stability. These concepts were put into perspective as she shared experiences of her clients and herself. Furthermore, she shared some budgeting strategies that students can adopt to their lives such as the 60/20/20 budgeting rule.

Her session ended with an open forum, prompting the audience to ask her about saving and investing tips and smart business strategies.

The second session featured Ms. Carhel Jessica Halili, also a licensed financial advisor. In her lecture, she emphasized the need for mastering money skills, stating that financial decisions are not merely based on numbers as it is deeply rooted in psychology and actions. She further expounded on this by asserting that financial freedom does not happen by accident—one has to take action, be intentional, and build the right habits. Ms. Halili also addressed common misconceptions about finances such as not having enough emergency funds and having a negative perspective on credit cards.

Students shared their thoughts and realizations about her discourse as the session came to a close.

The seminar ended with a closing remark from CS LSC Vice Governor Alyssa Velez, followed by a photo opportunity.

In an interview with the CS Wizards, a 3rd-year Mathematics - Business Applications student shared that this seminar was necessary and helpful.

"I do think it was necessary, especially for me as a college student. Learning financial literacy is valuable as it helps us to build good money habits," she stated.

She also added that the learnings will come in handy especially when she enters the corporate world, expressing that the knowledge is something that she can use for a long time.





SGE 2025 UNIVERSITY DEBATE HIGHLIGHTS VARYING PLATFORMS AHEAD OF BULSU STUDENT GOVERNMENT ELECTIONS

/LEXIE ALFONSO

On Wednesday, April 2, the Bulacan State University Activity Center saw the highly anticipated SGE 2025 University Debate, themed "TANGLAW: Igniting Visions, Flaming Leadership Integrity." The event, attended by a student audience and party supporters, showcased the platforms and principles of aspiring student leaders representing BulSUONE (B1) and the Katipunan Student Movement (KSM).

Candidates from both parties were all present. However, lone independent candidate, Nataniel Magat, was not present in the debate due to health concerns.

The program commenced with. Ms. Danica Joy Barde, President of the Legal Management Society, delivering the opening remarks, emphasizing the shared objective of student service despite differing political affiliations.

The debate proper started with the first segment, "SAGOT", where candidates were presented with visual representations of pertinent university issues and tasked with forming and sharing their perspectives within a two-minute time frame. Topics addressed included admission procedures, queue management, the security of student belongings, and policies concerning the Persons with Disabilities (PWD) sector.

A focal point of contention arose during the discussion regarding the Zero-based Grading System. Ms. Roshan Louise "Roshan" Reyes, the B1 presidential aspirant, expressed strong opposition, citing a lack of student consultation and advocating for a focus on quality education. "Kung sinusulong natin ang de-kalidad na edukasyon, hindi sagot ang zero-based grading system," Reyes remarked.

The following segments, "SIYASAT" and "TAPATAN", featured the senatorial candidates. "SIYASAT" required candidates to provide reactions to various issues, while "TAPATAN" involved answering identical questions to highlight the individual perspectives of different parties.

The concluding segment, "SAGUPA", allowed for a direct exchange between the vice-presidential and presidential candidates, making way for a discourse on their respective platforms.

Candidates articulated their platforms, addressing a range of student welfare issues. The BulSUOne SSC slate emphasized initiatives such as scholarship programs, press freedom and organizational funding, inclusive spaces for PWD and LGBTQ+ students, academic support and mental health services, improvements in the university administration, inclusive education, and the abolition of mandatory fees.

Katipunan Student Movement candidates, on the other hand, advocated for reproductive health and gender sensitivity programs, enhanced student spaces, improved scheduling and facilities, financial support for students and student businesses, mental health initiatives, environmental awareness and advocacies, and academic leniency and recognition.

Following the conclusion of the 2025 University Debate, candidates are scheduled to gather for their Miting de Avance on Tuesday, April 8. This final rally is anticipated to serve as a culminating event, allowing candidates to consolidate their campaigns and address the student body before the elections on Thursday, April 10th

34 news
Volume 02 Issue 01 **AUGUST** 2024 TO **MAY** 2025
The Official Student Publication of the **College of Science**

COE GOV. REYES EYES SSC PRESIDENTIAL SEAT WITH BULSUONE PARTY

/ FIONA VENTURA AND CHESTER DANIEL VALENCIA



Photo by **Hans Angelo Bosi**

Roshan Reyes, the current governor of the College of Engineering (COE), has officially entered the race for the presidency of the Student Government (SG) under the BulSUONE (B1) party.

Alongside her slate, Reyes submitted her Certificate of Candidacy (COC) at the University Commission on Student Elections (UCSE) office on March 6.

Lord Peterson Vistan, the current governor of the College of Criminal Justice Education (CCJE) Local Student Council (LSC), joins Reyes in advocating for student-centered leadership. Their campaign focuses on budget reform, financial transparency, and strengthening student representation across all colleges and campuses.

In an interview, Reyes expressed her deep sense of responsibility in running for the highest student leadership position.

"Alam ko 'yung bigat ng responsibilidad. Ang nagtulak sa akin ay isa lang—mga estudyante. Ramdam natin ang mga problemang dinaranas ng mga iskolar ng bayan, at gusto kong maiparamdam sa kanila na mula sa pagbibitbit ng budget sa pambansang gobyerno, ipaglalaban natin ito," Reyes stated.

When asked about transparency and accountability, Reyes emphasized the importance of always prioritizing student welfare.

"Sana lahat ng serbisyo at lahat ng paglilingkod, since nagmula ka sa estudyante, ay parati mong dalhin na para ka sa estudyante."

Meanwhile, Vistan highlighted their commitment to keeping students informed about the council's achievements.

"Isasapubliko natin ang mga napagtagumpayan upang malaman ng masang estudyante. Dahil bilang estudyante, karapatan natin ito—isang bukas at tapat na konseho."

The Reyes-Vistan tandem is joined by official senatorial candidates under the B1 slate for the Supreme Student Council (SSC), which includes:
- Alyssa Velez (College of Science)
- Alvin Sagabaen (College of Arts and Letters)
- Jerolbe Capule (College of Business Education and Accountancy)
- Jay Chris Estrella (College of Hospitality and Tourism Management)
- James Federiane (College of Industrial Technology)
- Eunice Rosalita (College of Social Sciences and Philosophy)
- Anne Paraiso (College of Criminal Justice Education)

With the end of the period for the filing of the certificate of candidacies, the initial list of candidates were released on Saturday, March 8.

SGE 2025 CONVOCATION PROCEEDS ONLINE AS LSC, SSC BETS TAKE STANCES

/ KAYE CASSANDRA CRUZ

The 2025 Student Government Elections (SGE) Convocation at Bulacan State University (BulSU) proceeded synchronously this afternoon, March 27, 2025.

Candidates for the Local Student Council (LSC) and Supreme Student Council (SSC) from the BulSUONE (B1) and Katipunan Student Movement BulSU (KASAMA-BulSU) parties, along with independent candidates, made their formal introductions during the event held via Microsoft Teams.

BulSUONE's presidential candidate, Roshan Reyes, presented their 10-Point Sandigan Agenda, focusing on key student concerns and governance reforms, including the concern about the budget for the education sector, progressive governance, and safe space for people with disabilities and LGBTQIA+, etc.

Meanwhile, the KASAMA-BulSU presidential bet, Prudence Roman, outlined her general plan of action, emphasizing several key platforms, including improving student lounges, designating spaces for student entrepreneurs, and strengthening environmental advocacy, among others.

Later on, a question-and-answer session was conducted to address inquiries from the audience. Following this, Sheila Mae Natividad, editor-in-chief of Pacesetter, delivered a Solidarity Speech.

At the end of the program, the candidates, the UCSE electoral board, and commissioners collectively declared and recited the Pledge of Ethical and Peaceful Election, reaffirming their commitment to ensuring a proper and peaceful electoral process.








Photo by Justine Bryan Espina


Photo by Hans Angelo Bosi

36 news
Volume 02 Issue 01 **AUGUST** 2024 TO **MAY** 2025
The Official Student Publication of the **College of Science**

ISYUNG PANGKAMPUS, PANLIPUNAN, TAMPOK SA DALUYAN 2025

/ ANEL BARJA, BRENT CAMUS, FIONA VENTURA, AT BRYLLE JACOB LABANG

Naging matagumpay ang programang "***DALUYAN: Sino ang Kuskos Balungos?***" noong ika-7 ng Abril kung saan mas nakilala at nakilatis ng mga mag-aaral ang mga binibitbit na prinsipyo at mga plataporma ng mga susunod na lider-estudyante ng Lokal na Konseho ng Kolehiyo ng Agham.

Sa pangunguna ng CS Wizards bilang opisyal ng publikasyon ng kolehiyo, aktibong nakibahagi sa makabuluhang diskurso ang mga kandidato mula sa Katipunan Student Movement (KASAMA) at BuISUONE (B1), kasama ang kanilang mga taga-suporta.

Sa unang bahagi ng talakayan na may titulong Kaninong Balungos, binigyan ng pagkakataon ang dalawang partido na ipakilala ang kanilang mga sarili sa madla at ibida ang kani-kanilang mga plataporma na tampok ang bawat espesyalisasyon ng bawat kurso sa kolehiyo. Bantog sa kanilang mga plataporma ang pagsusulong ng konsehong inklusibo at progresibo habang patuloy na nagbibigay ng suporta para sa lahat ng pangangailangan ng bawat mag-aaral.

Kabi-kabilang isyung pang-unibersidad ang natalakay sa diskurso ng debate, gaya na lamang ng mga suliranin sa kakulangan ng silid aralan, wastong bentilasyon para sa lahat ng silid, at pagkakaroon ng mga maayos na aparato sa mga laboratoryo.

Pinanindigan ng mga kandidato mula sa parehong partido ang wastong alokasyon ng badyet para sa pagdaragdag at pagpapaunlad ng mga nabanggit na isyu. Sinusugan ni KASAMA Governor Aspirant CK Gabagat ang pagtindig para sa dagdag na pondo at wastong alokasyon nito sa tulong ng makabuluhan at makatotohanang datos, habang ibinida naman ni B1 Governor Aspirant Sean Valdesotto ang aktibong kolaborasyon at matagumpay na pagdaragdag ng bentilasyon sa ilang mga silid sa kolehiyo.

Natalakay din ng dalawang kandidato sa pagkabise-gobernador ang matagal nang isyu sa kakulangan ng palikuran sa kolehiyo. Ibinida ni KASAMA Vice Governor Aspirant Jehan Surio ang mga plataporma ni KASAMA Board Member Aspirant Alex Salazar ang pamimigay ng sanitary napkins at maayos na kagamitan sa mga palikuran, habang iginiit naman ni B1 Vice Governor Aspirant Yarii de Guia ang pagsulong pa rin ng mas mataas na badyet para sa renobasyon ng mga gusali sa loob ng pamantasan, lalo na sa mga lumang gusali gaya na lamang ng Federizo Hall.

Sa usapin kung sapat ba ang suporta at espasyo ng mga organisasyon sa kolehiyo, o kung ang suporta ay lumalabas lamang kapag may mga pagtitipon na kailangan sila para sa "publicity," mariing pinahayag ni KASAMA Vice Governor Aspirant Jehan Surio na ramdam niya ang kakulangan ng suporta at espasyo para sa mga organisasyon, kung kaya't patuloy nilang ipinaglalaban ang karapatan ng lahat ng sektor ng mag-aaral sa loob ng pamantasan.

Naniniwala rin si Surio na ang sapat na espasyo ay susi sa mas epektibong mga proyekto ng organisasyon, at bagamat may kaunting suporta hindi ito dapat para sa "publicity" lamang.

Nangako si B1 Vice Governor aspirant Jon Alliary De Guia na palalakasin ang mga organisasyon at publikasyon sa unibersidad, at hinamon ang administrasyon na unahin ang serbisyo dahil hanggang ngayon ay wala pa ring sapat na espasyo para sa mga organisasyon kahit may mga silid na hindi nagagamit at may pondo ang pamantasan.

Sa Kamay at Balungos, hinimay rin ang mga napapanahong isyu sa loob at labas ng unibersidad katulad ng Zero Based Grading System, Reproductive Health Bill, SOGIE Bill, Artificial Intelligence, at Charter Change.



Photo by Andrew Detalo

Samantala, nagbigay rin ng mga katanungan ang mga manonood upang sukatin at timbangin ang kakayahan, kaalaman, at tindig ng mga kandidato sa mga suliranin sa loob ng kolehiyo.

Ayon kay Charlene Joy Cortes, tumatakbong Board Member (BM) ng BSM Business Applications (BA) sa ilalim ng B1, mariin niyang tinututulan ang paghinto ng pag-aalok sa mga estudyante ng programang Business Applications.

“Kailangan po ng bawat isang estudyante na maranasan ang pribilehiyo na mayroon tayo….lalo na't dapat bigyang-tuong pansin din po ang Business Applications at huwag na pong i-discontinue dahil kailangan po ng bawat isang estudyante ng suporta.”

Sa pananaw naman ni KASAMA BM BSM BA Aspirant Carl Alvaro, kulang ang pagbibigay ng impormasyon ng unibersidad sa mga mag-aaral sa high school patungkol sa kursong ito.

“At hindi naman po mapag-iiwanan ang mga current students natin, dahil mayroon po tayong plataporma na kasama lahat ng mula second year hanggang 4th year ay magiging kasama tulad ng program kong review session at yung mga seminars dahil lahat ito ay makakatulong sa kanila at yung sa graduating students makakatulong rin ito para maging handa sila sa labas ng unibersidad,” dagdag pa niya.

Bilang pagtatapos ng programa, naganap ang segment na Harapan ng Balungos kung saan nagkaroon ng pagkakataon ang bawat magkatunggali na magtanong sa isa’t isa tungkol sa iba’t ibang paksa katulad ng Magna Carta of the Students at Student Government Constitution and By Laws (SG CBL).



Photo by **Andrew Detalo**



Photo by **Andrew Detalo**

BULSU UCSE PROCLAIMS ELECTED SG OFFICERS FOR ACAD YEAR ‘25-’26

/ *DIVINE SISON*


Photo by **Ma. Ellery Brienne Santiago**

University Commission on Student Elections (BulSU UCSE) held a proclamation event for the newly elected officers of the Student Government (SG), which includes the Supreme Student Council (SSC) and respective Local Student Councils (LSC) within the main campus and satellite campuses at the BulSU E-Library Amphitheatre on April 28.

The proclamation started with the LSC of the main campus and satellite campuses, and the elected officers from the SSC were then proclaimed, starting with the elected senators in the satellite campuses, leading up to the proclamation of the elected vice president, Ms. Lovely Vasquez, and the elected president, Ms. Roshan Reyes.

It was followed by an inspirational congratulatory message from the BulSU President, Mr. Teody San Andres, who also led the oath-taking rites.

Meanwhile, the newly elected SG President Reyes delivered her inaugural address, emphasizing the importance of exhibiting the essence of true leadership in fighting for students’ rights, whether inside or outside the campus.

The term of the elected student government officers will begin on May 1, 2025.

Layout by: **Ainery Dizon**



VALDESOTTO-DE GUIA TANDEM FOR CS LSC 2025-2026

/ LEXIE ALFONSO

Sean Kurt "Sean" Valdesotto of BulSUOne (B1) will be the next Governor with 1,054 votes, besting the 333 garnered votes of KASAMA's Chris Kenneth "CK" Gabagat.

Valdesotto will be joined by his running mate, Jon Alliary "Yarii" De Guia as the college's Vice Governor. De Guia earned 1,040 votes, surpassing the 336 votes of Jehan Grace "Jehan" Surio.

Valdesotto and De Guia will be joined by the following victorious Board Members:

Cesar Louie "Luwi" Sarmiento (Biology)
Pia Ashley "Pia" Sioson (Environmental Science)
Blessie Joy "Blessie" Robles (Medical Technology)
Charmaine Kate "Char" Rumbawa (Food Technology)
Jeyaros Charmaine "Jeya" Tayao (Mathematics - Applied Statistics)
Charlene Joy "Cha" Cortes (Mathematics - Business Applications)
Leandro Gabriele "Gab" Austria (Mathematics - Computer Science)

This marks the 13th year of BulSUOne CS having numerical majority in the College of Science Local Student Council.

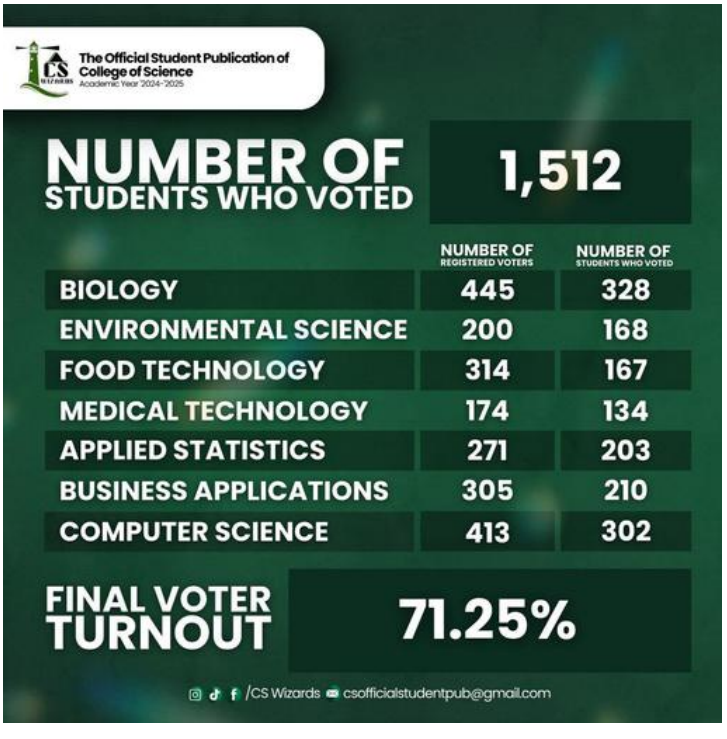
CS VOTERS TURNOUT RECORDS HIGH RATINGS FOR 2025 SGE

/ LEXIE ALFONSO



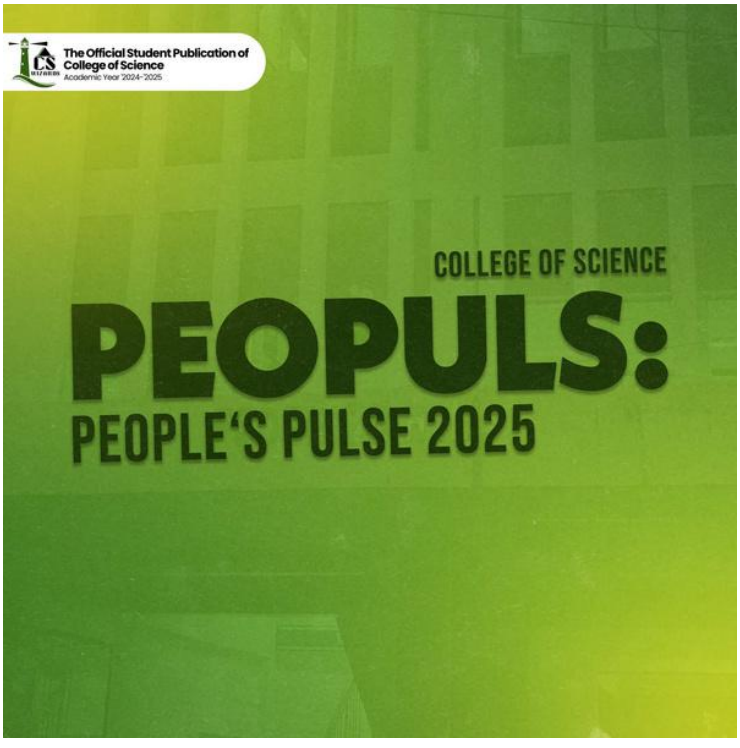
The College of Science recorded a 71.25% voter turnout, the highest percentage among other colleges in the main campus and exceeds the previous year's turnout of 65.85% by 9.4% in which a total of 1,512 out of 2,122 students participated in the 2025 Student Government Elections.

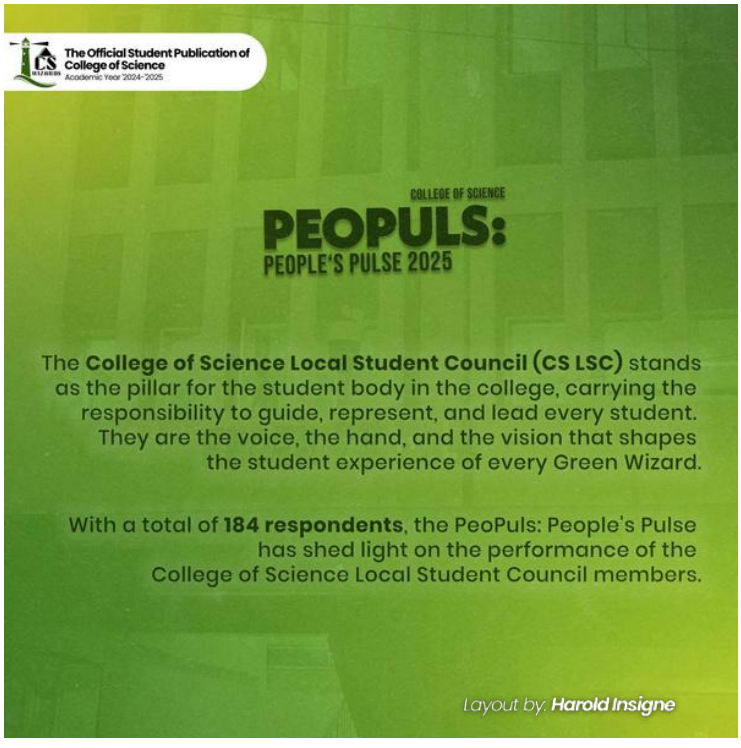
However, the overall voter turnout for the Student Government positions decreased. From 58.7% last year, it dropped to 46.71%, tallying a decline of 11.99%.



Peopuls 2025: Looking Back at the 2024–2025 College of Science Local Student Council's Performance

LEXIE ALFONSO





The College of Science Local Student Council (CS LSC) stands as the pillar for the student body in the college, carrying the responsibility to guide, represent, and lead every student. They are the voice, the hand, and the vision that shapes the student experience of every Green Wizard.

Now, as the academic year turns and the previous council members pass on the torch, the time has come for a crucial and insightful assessment of their year-long term.

With this, the CS Wizards, the official student publication of the College of Science, facilitated **PeoPuls**: **People's Pulse**—a survey allowing the student body to directly assess the performance, representation, accessibility and communication, reliability, and accountability of each student leader.

📌 A Glimpse into Student Leadership Performance

With a total of 184 respondents, the PeoPuls: People's Pulse has shed light on the performance of the College of Science Local Student Council members. Below is the summary of the key findings from the assessed student leaders:



Governor (**Angelo Yvan Sarile**)
Former governor, Yvan Sarile, demonstrated strong performance across all assessed areas:

🔎 **Performance**: Rated 3.72, leaning towards excellent, with an issue noted regarding proactiveness.
🔎 **Representation**: Achieved a score of 3.68, leaning towards excellent.
🔎 **Communication and Accessibility**: Scored 3.71, leaning towards excellent.
🔎 **Reliability**: Rated 3.70, leaning towards excellent.
🔎 **Transparency and Accountability**: Scored 3.68, leaning towards excellent, with issues cited regarding transparency in decision-making processes and a lack of channels for feedback.



Vice Governor (Alyssa Joy Velez)
Former vice governor, now Senator Aly Velez also received generally positive feedback:

🔎 **Performance**: Rated 3.55, leaning towards excellent, with an issue noted regarding addressing progress on key issues.
🔎 **Representation**: Scored 3.51, leaning towards excellent.
🔎 **Communication and Accessibility**: Rated 3.45, classified as good, with an issue regarding accessibility to students.
🔎 **Reliability**: Achieved a score of 3.5, leaning towards excellent.
🔎 **Transparency and Accountability**: Scored 3.52, leaning towards excellent, with an issue noted regarding a lack of channels for feedback.



Mathematics - Business Applications Board Member (Dyanna Lacostales)
Former Mathematics - Business Applications board member, Yana Lacostales' results indicated areas for improvement:

🔎 **Performance**: Rated 3.0, classified as good, with issues noted on addressing key issues of the program.
🔎 **Representation**: Scored 2.88, leaning towards good, with issues in advocating the needs of students in the program.
🔎 **Communication and Accessibility**: Rated 2.7, leaning towards good, with issues regarding being accessible to students.
🔎 **Reliability**: Achieved a score of 2.94, classified as good.



Mathematics - Applied Statistics Board Member (Nataniel Francis Magat)
Former Mathematics - Applied Statistics board member, now Senator Nat Magat received strong positive ratings:

🔎 **Performance**: Rated 3.52, leaning towards excellent, with issues noted on a lack of organized events for the program.
🔎 **Representation**: Scored 3.62, leaning towards excellent.
🔎 **Communication and Accessibility**: Achieved 3.62, leaning towards excellent, with an issue noted on promptly responding to queries.
🔎 **Reliability**: Rated 3.71, leaning towards excellent.



Biology Board Member (Sean Kurt Valdesotto)
Former Biology board member, now Governor Sean Valdesotto consistently performed well:

🔎 **Performance**: Rated 3.63, leaning towards excellent.
🔎 **Representation**: Scored 3.61, leaning towards excellent, with an issue noted on advocating for the actual needs of students in the program.
🔎 **Communication and Accessibility**: Achieved 3.65, leaning towards excellent.
🔎 **Reliability**: Rated 3.71, leaning towards excellent, with an issue noted on dependability.



Environmental Science Board Member (**Rio Jasmine De Guzman**)
Former Environmental Science board member, Rio De Guzman, performed generally well:

🔎 **Performance**: Rated 3.15, classified as good, with issues noted on the effectiveness of programs made.
🔎 **Representation**: Scored 3.24, classified as good.
🔎 **Communication and Accessibility**: Achieved 3.15, classified as good, with issues on communicating projects and programs.
🔎 **Reliability**: Rated 3.23, classified as good.



For Mathematics - Computer Science Board Member, Medical Technology Board Member, and Food Technology Board Member, specific individual results could not be provided, as the number of respondents from these programs was too low to yield statistically credible and representative results.

📌 **Guiding the New Term**

These insights, whether highlighting areas of strong performance or pointing out opportunities for improvement, should be meticulously taken into account by the current leaders. Specifically, the incumbent LSC can strategically improve their methods, resolve unresolved issues, and build on past achievements by knowing how the student body views the performance of their predecessors in critical areas like representation, communication, and accountability.

This evaluation is not merely a retrospective glance—it is an essential channel aimed at understanding the strengths, identifying areas for growth, and ultimately, charting a clearer path for the current and succeeding LSCs to continually elevate their service and impact on the College of Science community.



42 devcomm Volume 02 Issue 01 **AUGUST** 2024 TO **MAY** 2025

The Official Student Publication of the **College of Science**

Tanglaw sa Lilim

Pagsilip sa Kalagayan ng mga Munting Espasyo

ni Queenie Ir

Upang makapagpatayo ng mga nagtatarikang mga gusali, kailangan muna itong dumaan sa mahaba at masusing proseso para makabuo ng isang konkretong pundasyon nang sa gayon ay matiyak ang tibay at katatagan nito sa paglipas ng panahon.

Sa anumang larangan, hindi na bago ang ganitong prinsipyo.

Maging sa mga matatagumpay na indibidwal at samahan, kailangang may sapat at matibay na suporta upang maisakatuparan ang kanilang mga layunin. Subalit, hindi ito madaling makamit --- tulad na lamang ng kasalukuyang kalagayan ng mga punong-tanggapan ng mga organisasyon sa ilalim ng Kolehiyo ng Agham.

Maliit, mainit, masikip --- ganito ilarawan ng mga lider-estudyante mula sa Kolehiyo ng Agham ang kasalukuyang kalagayan ng kani-kanilang mga "headquarters". Hindi na ito bago sa pandinig para sa karamihan, sapagkat ang mga maliit na espasyo sa mga ilalim ng hagdanan ng mga gusali ang nagsisilbing kwadro ng mga organisasyon.

LILIM NG HAGDANAN

Humigit kumulang nasa isang daan at apat ang kinikilalang organisasyon ang nakatatag sa pamantasan ng Bulacan State University, hindi pa kabilang ang mga maliliit at bagong umuusbong na mga organisasyon. Pito rito ay mula sa kolehiyo ng Agham.

Kabilang dito ang Mathematics Society (MathSoc), Environmental Science Society-BulSU (EnviSoc), Biological Sciences Society (BioSoc), Philippine Association of Food Technologist – BulSU Chapter (PAFT-BulSu Chapter), Medical Laboratory Science Scholar's Society (MLSS), CS Wizards, at kasama ang lokal na konseho ng kolehiyo ng Agham (CS LSC).

"Mathematics Society was established in the year 1998[...] it is a college-based organization within our college, the College of Science and recognized by the Office of the Student Organization and Activities (OSOA) and we are celebrating 27 years of service to math-loving students." Pagpapakilala ni Shaira Mae Palileo, pangulo ng Mathematics Society (MathSoc).

Ang MathSoc, kabilang ang BioSoc at CS LSC ay ang mga organisasyon na humigit dalawa at kalahating dekada na mula nang ito ay maitatag. Kahit sa loob ng mahabang panahong ito, patuloy pa rin na daing ng mga lider-estudyante ang kinakaharap nilang hamon sa kakulangan sa pasilidad para sa kanilang mga organisasyon.

"Lagi't lagi naming binabalikan na naglilingkod o tinitingnan namin ay kaming lokal na konseho ay tumutugon sa karapatan at kapakanan ng bawat estudyante na nasasakupan ng kolehiyo", tugon ni Gobernador Angelo Yvan Sarile, ang kasalukuyang gobernador ng lokal na konseho ng Kolehiyo ng Agham.

Pilit na pinagkakasya ng Lokal na Konseho ng Kolehiyo ng Agham at ng Mathematics Society ang maliit na espasyo sa ilalim ng hagdanan ng Federizo Hall upang matugunan ang pangangailangan ng bawat isa.

Limitado ang kanilang paggalaw dahil ang espasyong ito ay makitid at puno ng mga materyales, equipments at mga dokumento mula sa dalawang organisasyon. Dahil dito, tanging pag-upo at pagtayo lamang ang maaari nilang gawin upang magkasya ang mga opisyal at ilang miyembro sa loob.

"Ang kagandahan lang rin sa facility, mayroon siyang parang hagdan where yung mga nandoon po sa [ibabaw] ng hagdan na yun, yun po yung talaga yung untouch ng baha, and yung mga nasa baba po...since limited lang po siya, para ma-maximize po namin yung storage usage namin, so kahit yung ultimong pinakagilid-gilid, we maximize po sa mga pwede po namin ilagay.", pagbabahagi ni MathSoc Pres. Palileo.

Samantala, ang organisasyon ng Environmental Science Society (EnviSoc-BulSU) at Medical Laboratory Science Scholar's Society (MLSS) ay na nanatiling walang sariling pasilidad para sa kanilang organisasyon. Ang pagkakaroon ng sariling pasilidad para sa kanilang organisasyon ay nagmimistulang bulong sa hangin.

"... dahil wala nga kaming headquarters ang nangyayari ay watak-watak ang mga resources at materials na ginagamit namin. Minsan pa nagkakaroon o nawawala ito dahil wala kaming sapat na espasyo para paglagyan ng mga kagamitan na ito." tugon ni EnviSoc Pres. Gabagat.

Dahil sa kakulangan ng espasyo, ang pasilyo na lamang ng SRLC ang naging eksteksyon ng apat na sulok na headquarter ng Philippine Association of Food Technologists (PAFT) upang makalinga ang kanilang mga miyembro.



The Official Student Publication of the **College of Science**

Volume 02 Issue 01 **AUGUST** 2024 TO **MAY** 2025

devcomm 43

m ng Hagdanan:
o ng mga Organisasyon ng Kolehiyo ng Agham

ish O. Quiray

Ayon kay Toni Cruz, kasalukuyang pangulo ng organisasyon ng PAFT, bukod sa pagiging meeting place at storage room para sa mga members at executive boards, ang kanilang headquarter rin ay nagiging 'center' na rin ng kanilang mga bonding kasama ang mga miyembro sa iba't ibang lebel ng kanilang programa.

Ang apat na sulok na ito, sa mga ilalim ng hagdan ang nagsisilbing tahanan ng bawat organisasyon upang lubos na makalinga at mapaglingkuran ang kanilang mga miyembro, subalit isa rin ito sa mga problema na humahadlang sa kanilang pagnanais na makapaglingkod ng buo sa kanilang nasasakupan.



DAING NG MGA TANGLAW

Sa patuloy na pagtaas ng porsyento ng mga estudyante na tinatanggap sa loob ng unibersidad, ang kakulangan sa espasyo at pasilidad ay patuloy na lumalala. Kaya naman, ang kahilingan ng mga lider-estudyante na magkaroon ng sapat na pasilidad para sa kanilang mga punong-tanggapan ay naisasantabi para makalinga ang isyu sa kakulangan ng mga silid-aralan.

"[...] unang una, ang aming tinatawag na opisina ay hindi talaga namin opisina, ito ay yung tinatawag natin ng kolehiyo na Student Center kung saan kasama namin yung iba't ibang organization itself.", ani ni CS LSC Gov. Sarile.

Nararanasan ng Student Center ang matinding hamon ng limitadong espasyo, lalo na sa panahon ng mga kalamidad tulad ng bagyo at matinding init.

Ayon kay Gobernador Sarile, ang maliit na lugar ay nagiging suliranin dahil lubos itong apektado ng pagbabago ng panahon. Kapag bumabaha, nahihirapan ang mga estudyante sa paggamit ng pasilidad, at sa matinding init naman, nagiging hindi komportable sa loob ng punong-tanggapan. Dahil dito, nagiging hamon ang pagpapanatili ng kaayusan at kaginhawaan sa Student Center sa harap ng mga ganitong sitwasyon.

Sapagkat, kamakailan lamang naranasan ng lokal na konseho kasama ang opisyal na publikasyon ng kolehiyo, CS Wizards, ang matinding hamon sa pagtama ng bagyo noong nakaraang bakasyon ng taong 2024.

Ang loob ng kani-kanilang mga punong-tanggapan ay pinasok ng putik at baha. Ang mga dokumento, sertipiko at ilan sa mga parangal ng mga organisasyon ay nabasa at sa kasamaang palad ang ilan sa mga gamit kagaya ng bagong biling printer ng lokal na konsenho ay nasira.

"Masakit isipin pero kasama ang ating chief (Editorial in Chief) at si (MathSoc) Pres Shaira ay nalungkot kami [and] sa nakaraang taon din kasi ay binaha yung loob ng student center, , and kasama dito yung bagong bili naming printer, talagang sobrang pinag-ipunan namin at sa IGP natin kinuha na ilang taon din namin ginustong magkaroon ng sariling printer, pero sa nakalipas na linggo lang, dahil sa bagyo[tag ulan], nawala lahat and pati yung mga natabi naming pinapahiram, nawala din siya." Ibinahagi ni kasalukuyang Gov. Sarile.

Dagdag pa nito, hindi lamang ito isang beses nangyari sa organisasyon sapagkat taon-taon ito nangyayari.

Sa kabilang banda, taliwas ang kinakaharap na ng EnviSoc, sapagkat wala silang maituturing na sariling pasilidad. Ang dating itinalagang lugar para sa kanila ay hindi na nila nagamit matapos ang epidemya. Dahil dito, hanggang ngayon ay wala pa rin silang headquarters, sa kabila ng patuloy na pagdami ng kanilang miyembro—mula sa 100, ngayon ay umabot na sa mahigit 181 aktibong kasapi.

"Ngayon na nandito tayo sa kasalukuyan [is] wala kaming ginagamit na headquarters or wala kaming napupuntahan na headquarters ngayon... Ang laking factor na walang headquarters kasi bilang estudyante kailangan talaga na may headquarters ang bawat organization kasi doon namin nilalagay yung mga resources [...] yung mga materials [...] na ginagamit namin para sa mga activities... Pero dahil nga walang kaming headquarters ang nangyayari ay watak-watak ang mga resources." saad ni EnviSoc President Gabagat.

Samantala, ang daing naman ng organisasyon ng BioSoc ay hindi sa kakulangan ng espasyo, kundi sa seguridad at privacy ng kanilang organisasyon, sapagkat isang manipis na harang lamang ang nagsisilbing haligi ng kanilang headquarters na hindi sapat upang masigurado ang seguridad ng mga impormasyon at gamit sa loob ng kanilang espasyo.

"The space is probably just enough, but the lack of doors in our HQ setup has been a drawback, especially when it comes to safeguarding the organization's essential materials." Ani ni BioSoc President Rela Aguilos.

Hindi pa man lubusang nabibigyang pansin at nabibigyang solusyon ang panawagan ng mga lider-estudyante para sa kanilang mga pasilidad, panibagong hamon na naman ang dadagdag dahil sa panukala ng Department of Budget and Management (DBM) na pagbawas sa pondo ng mga kolehiyo at pampublikong pamantasan o SUCs sa taong 2025.

Tinatayang nasa ₱114 milyon ang ibabawas sa pondo ng unibersidad, kung saan ito ay nangunguna sa pinaka-maaapektuhan na mga pamantasan sa Central Luzon at pang sampu sa buong bansa. Ang panukalang ito ay lubos na makaaapekto sa kalagayan ng unibersidad.

Patong-patong na suliranin ang kinahaharap ng pamantasan upang matugunan ang pangangailangan ng mga estudyante at guro.

KAKULANGAN O KAPABAYAAN

"Isa sa mga ginawa naming hakbang last year is nakipag-usap kami kay Dean... ni-raise namin siya... [but] unfortunately hindi pa rin siya nabibigyang solusyon", pagbabahagi ni Pres. Chris Kenneth Gabagat ukol sa kanilang ginawang hakbang para masolusyunan ang kanilang suliranin.

"Unfortunately, despite of the requests ng mag previous officers sa mga term nila ay hindi pa rin po ito nagagrant.", ganito rin ang suhestiyon ni MathSoc Pres. Palileo.
Ang lumang gusali ng Federizo Hall ang natatanging gusali sa loob ng pamantasan na kumakalinga sa tatlong kolehiyo. Hindi lamang Kolehiyo ng Agham ang naririto bagkus pati na rin ang College of Arts and Literature (CAL) at College of Architecture and Fine Arts (CAFA).

"Lumapit na rin tayo sa lokal ng administrasyon natin about dito, and sinusubukan na magkaroon tayo ng [tawag dito] ng mga headquarters and offices pero sa kasalukuyan kasing hinaharap natin, dito sa Federizo Hall mismo ay tatlong kolehiyo yung nakapaloob dito kaya hindi din tayo mabigyan mismo ng headquarters itself", pagbabahagi ni Gov. Sarile

Kaya naman, ang pagkakaroon ng sapat na pasilidad ay isang malaking dagok. Pahirapan sa paghanap at pagkuha ng mga room para lamang makapagklase.
Kung ang pagkakaroon pa lamang ng sapat na espasyo para sa pag-aaral ay isang suliranin na kay hirap solusyunan, paano pa kaya ang hinaing ng mga lider-estudyante na mapabuti ang mga pasilidad para sa kani-kanilang mga organisasyon.

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"... kasi kahit nagkausap na dati na may ibibigay na opisina para sana magkasama-sama at lumaki yung student center is hindi rin ito nabibigay sa mga organizations kundi naibigay ito para maging classroom ng mga estudyante dahil sa kakulangan mismo sa silid-aralan." Dagdag pa ni Gov. Sarile.

Tunay na balakid nga ito para sa ilang lider-estudyante para sa kanilang pinamumunuan sapagkat nalilimitahan nito ang kanilang kakayahan para lubusang makalinga ang kanilang mga miyembro.

"The organization is impacted by extreme heat since the glass windows have no curtains. We requested permission from the dean's office to install blinds to reduce the heat inside and prevent damage to our printer during the summer. However, our request was once again denied..." kwento ni BioSoc Pres. Aguilos.

Bagama't ganito ang nararanasan nila, hindi maitatanggi na ang katatagan at kahusayan ng mga lider-estudyante sa paglutas ng ganitong mga suliranin ay isa sa kanilang pinakamahusay na katangian.

Nalilimitahan man nito ang kakayahan ng mga organisasyon subalit patuloy pa rin ang mga organisasyon na humanap ng ibang alternatibong paraan upang maisagawa ang kani-kanilang mga aktibidad at patuloy na makapaglingkod.

"Usually, ang alternative namin ay online, pag nagkakaroon kami ng face-to-face meeting, nanghihiram kami ng room sa SRLC...", pagbabahagi ni EnviSoc Pres. CK tungkol sa paano nila pinamahalaan ang kawalan ng pasilidad para sa kanilang organisasyon.

Madalas na isinasagawa ng mga organisasyon ang kanilang mga pagtitipon sa pamamagitan ng mga video conferencing services katulad ng Google meet, MsTeams, at Zoom. Sa tulong ng mga ito, nakakaya ng mga organisasyon na makipag-ugnayan at makipag diskurso sa kanilang mga miyembro na hindi nangangailangan ng face-to-face interaction.

Kung minsan naman ay nakikisuyo sila sa kanilang mga professors at nagpapareserba sila ng bakanteng silid lalo na sa mga pagkakataon na kailangan talaga ng personal na ugnayan.

"We are very lucky enough na mayroon po kaming mabuti at very supportive na adviser kasi kahit any activities po kahit off-campus kami, sinasamahan po talaga kami."pagbabahagi ni PAFT Pres. Toni Cruz.

KAPIT-BISIG

"Kapit tayo." Heto na lamang ang iniwang mensahe ni Gobernador Sarile sa mga kapwa lider-estudyante na humaharap sa ganitong hamon.
Sapagkat naniniwala ang lokal na konseho, na hindi pa huli ang lahat upang mapabuti ang kondisyon ng mga punong-tanggapan ng mga organisasyon sa loob ng Kolehiyo ng Agham.
"To my fellow leaders facing similar challenges, stay persistent and proactive. While setbacks like denied renovation requests can be discouraging, we must continue advocating for better facilities." Mensahe rin ng BioSoc.

Tunay nga na sa kabila ng mga paulit-ulit na daing ng mga lider-estudyante para matugunan ang kanilang suliranin, malaki pa rin ang kanilang pag-asa na ito ay masosolusyunan, hindi man ngayon, pero sa mga susunod na dadaang taon.

"We remain hopeful po for future solution", saad ng pangulo ng MathSoc.
"Kailangan ng mga boses" --- ito ang gustong ipaalala ni EnviSoc Pres. CK sa bawat isa. Bagama't hindi agad napakikinggan ang kanilang mga suhestiyon, kailanman ay hindi mababalewala ang pagkakaroon ng boses. Ang mga boses na ito ang magbubukas ng pinto upang matutukan at mabigyan ng atensyon ang mga suliranin at hamong kinakaharap natin.

Ang mga mumunting tinig na ito ang magsisilbi upang maipakita ang mga malalaking suliranin na pilit na isinasantabi. Ang mga boses na ito ang magiging tulay para mamulat ang administrasyon sa tunay na kalagayan dulot ng sistema.

Ang apat na sulok sa ilalim ng mga hagdan ay hindi lamang isang mumunting espasyo para sa mga lider-estudyante. Ito ay naging saksi sa kanilang mga pagsubok at hamon. Dito rin nabuo at pinagtibay ang kanilang samahan, isang samahang naglalayong maglingkod at maging tinig para sa kanilang nasasakupan.



KaFEDbahay 2024: Meeting the Youngest of Fed Hall

/ SHYLELUCK PUNZALAN

KaFEDbahay 2024 commenced on August 27 at 1 PM with the freshmen students from the College of Science, College of Architecture and Fine Arts, College of Arts and Literature, and College of Sports and Recreation at the Federizo Hall grounds.

During their Fed Walk, the freshmen students were greeted by the colorful organization booths from the colleges. They enjoyed numerous freebies, souvenirs, and prizes from mini games.

It was an enjoyable moment for both the organizations and the freshmen. The current president of the Medical Laboratory Science Scholar's Society, Angelica Evangelio, shared how she enjoyed creating the MLSSS' booth for the freshmen, "[Ako ay] excited kasi naaalala ko nu'ng freshie ako, sobrang excited ko maging part ng org at maging MedTech." [I feel excited for them because I am reminded when I was a freshie, I was so excited to be an org member and a MedTech.] When asked on what she envisions their booth to be, she says "Gusto namin magbigay ng magagamit ng mga first years and several mementos." [We want to give stuff that the first years can use as well as several mementos.]

In an interview with some freshmen, they expressed their excitement and enjoyment with the event. "Sobrang fun po, sobrang exciting... hindi rin namin ine-expect na may ganito for us," [It was so fun and exciting, we did not expect that there are these kinds of programs for us.] said one of them.

After the walk, the freshmen, even older students, enjoyed numerous fun performances from local entertainers. They jammed and jumped with the fun songs of CSER Band, Banda ni Kal, CAFA Glee, and CS Band. They were wowed by the production numbers of Sining Sakbibi Ensemble, Bubblegum Dancer, CS Infinity Dance Crew and CAFA Movers. Different student organizations were given the stage to introduce their cause and invite new members to their societies.

The lights of the KaFEDbahay event surely enlightened the futures of the bunsos of Federizo. One freshmen dreamed, "We wish that 'yung college life namin ay maging light at enjoyable."



Photo by **Hans Angelo Bosi**

FAFF 2024: BEHIND THE HORRORS!

/ *SHYLELUCK PUNZALAN*

The anticipation for The Horror! Fashion Against Fascism and Fossil Fuels (FAFFF) ignites with a photoshoot at the Student Union Building in University of the Philippines-Diliman on August 30, 2024.

It is not just an outfit check

This year's FAFFF revolves around "The Horror!" which features elegant but dark fashion reminiscent of the multitudes of climate disasters which the country faces. The wardrobe masters, Cleo Colon, with her assistant, Sir Red, explains as the "culmination of the effects of climate issues."

Cleo shares that this year's FAFFF is a transition from their previous fashion show with the theme "Empire of the Son: Drought and Deluge" which was adorned with gold, eye-blinding fashion styles which evokes the current state of the government where the ones in power lather themselves in money amid the deteriorating state of the country. "It's a transition from our previous fashion show, nakikita natin na patuloy-tuloy na lumalala 'yung mga environmental disasters...kumbaga, walang nangyayaring solusyon", the wardrobe genius shares, from the extravagant and showy styles of last year changed into the dark, looming atmosphere of this year's FAFFF.

The outfits flaunted by the models are sustainably sourced from *ukay-ukay* stores but carefully picked to rightfully send the underlying meanings that the organizers aim to portray. The blue tapestry reminds the viewers of the floods that struck multiple parts of the country, the brown linens are reminders of the earthquakes and the plight of farmers, and the dark colors emphasize that these horrors are everyday experiences for a huge segment of the population.

As Cleo's assistant, Kuya Red states, "[Ang goal ng] photoshoot na 'to, [ay] mas na-iinvoke 'yung mga visual imagery ng mga issue na 'to." The messages of their project, though not explicitly stated, are conspicuously displayed through strong and vivid colors and styles.

The models not only carried the movement with poise and grace, but with flaming hearts for climate justice. Ley, one of the models for this year's FAFFF and also a member of a Cordilleran indigenous youth organization, shares that one of her push factors for joining this advocacy was to widen the reach of those oppressed by urban developmental aggression. She also opens on the status of those wrongly affected by power play, "I am also a daughter of an environmental activist who was, unfortunately, abducted last year, and we're also campaigning for his surface as well as the other desaparacidos."

It is fashion against fascism

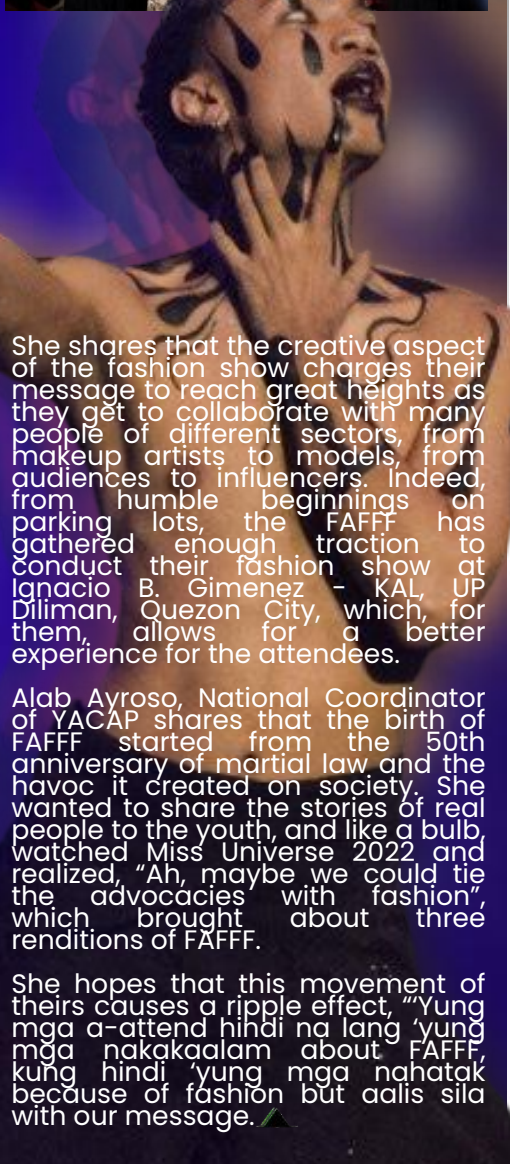
Miss Carmela Llamado, one of the committee coordinators of Youth Advocates for Climate Action Philippines (YACAP), shares how they chose their models for FAFFF, "We want someone who embodies the advocacies."

All of the people moving about that studio were people with stories, people who had fire in their hearts. Their talented makeup artists are telling their stories with brush strokes as they have been there since the beginning of FAFFF. The models were fighters of environmental justice who do work with numerous youth organizations spread in the country.

Ate Mela also shares the reason for choosing a fashion show for their movement for climate justice. She recognizes the role of youth in advocating climate justice, tying back to the YACAP being a youth-led organization. "Mahalaga ang role ng mga kabataan kasi tayo 'yung magmamana ng better world for us."

Photo by ***Czamantha Nicole Gonzaga & Hans Bosi***





She shares that the creative aspect of the fashion show charges their message to reach great heights as they get to collaborate with many people of different sectors, from makeup artists to models, from audiences to influencers. Indeed, from humble beginnings on parking lots, the FAFFF has gathered enough traction to conduct their fashion show at Ignacio B. Gimenez - KAL, UP Diliman, Quezon City, which, for them, allows for a better experience for the attendees.

Alab Ayroso, National Coordinator of YACAP shares that the birth of FAFFF started from the 50th anniversary of martial law and the havoc it created on society. She wanted to share the stories of real people to the youth, and like a bulb, watched Miss Universe 2022 and realized, "Ah, maybe we could tie the advocacies with fashion", which brought about three renditions of FAFFF.

She hopes that this movement of theirs causes a ripple effect, "'Yung mga a-attend hindi na lang 'yung mga nakakaalam about FAFFF, kung hindi 'yung mga nahatak because of fashion but aalis sila with our message.

"Sam-budol-an" as Pagoda Day 2 opens

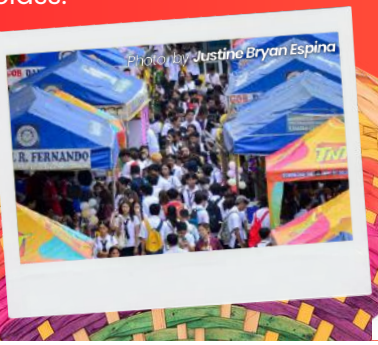
/ SHYLELUCK PUNZALAN

SAMBALARAN: PAGODA Day 2 shone through cloudy skies as BulSUans reopen their stores on October 28, 2024 in front of the BulSU Activity Center.

Colorful stalls exemplifying the unique creativity of different OSOA-recognized organizations gathered in front of the Activity Center and sold out the hearts of many students. Their shops featured tasty snacks and finger foods sure to delight the stomachs of those who spent a whole day in class.

PAGODA does not only bring joy to those who willingly consume the student-run businesses' products but also gives a feeling of satisfaction and financial help to the ones behind these boutiques. For Christina Acuña, the Executive Vice President of Chamber of Young Business Leaders (CYBL - BulSU JMA), "As a marketing organization, ito 'yung gusto namin [na] maging top-performing sa side-event na 'to." She further explains that they partnered with multiple BulSUan business owners who specialize in handmade crafts, "We advocate 'yung pag-support sa mga gumagawa ng handmade products."

There were also shops who sold handmade trinkets such as keychains, phone charms, and stickers, handmade knitted bags and KPOP and PPOP photocards which were cued for by numerous students wanting to purchase affordable yet quality products.


Photo by Justine Bryan Espina

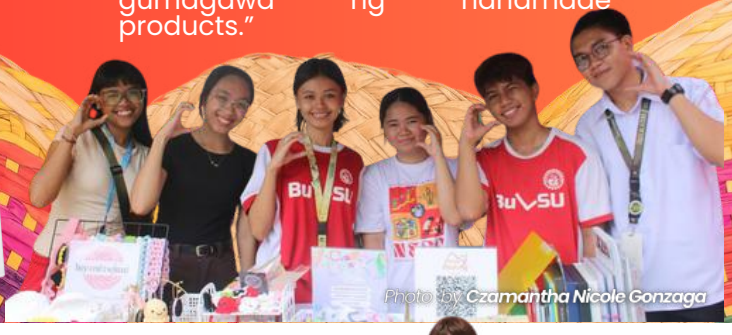

Photo by Czamantha Nicole Gonzaga


Photo by Justine Bryan Espina

Building the PATH for BSU-MT Students

/ SHYLELUCK PUNZALAN


Photo by Hans Bosi

"Path 3.0: Charting Success" blasts off with a hearty seminar for the freshmen of Bachelor of Science in Medical Technology on December 3, 2024, at the CHTM Audio-Visual Room.

The seminar was opened by the remarks of Sir John Rhil Tobias, who congratulated the freshmen for being able to enter the program. He sent them good wishes while telling them that the path is not going to be easy. "Kailangan niyong mag-aral for your American dreams", he adds as he assures the students that they can achieve anything with hard work.

The main speaker, Dr. Crizelda Salita, speaks with enthusiasm as she opened the huge world of Medical Laboratory Science to the future Medical Technologists. She showed several career paths that their degree will take them, such as a physician license, working in the field of molecular biology, leading in public health, and creating healthcare policies. Together with these invitations, she expressed that all these are achievable, "Being a medtech is not easy, however, I believe that you can do it, pero you have to put in the effort."

She also shared her own experiences and her former students' experiences as successful Medical Technology degree holders and how they all have created names for themselves.

The seminar was grounded on the hopes of painting a beautiful future in the minds of freshmen, and it did just that. The medical technology freshmen walked out of the room with a newer confidence as they face newer obstacles in life.

BulSU commemorates 39th People Power Revolution

/ SHYLELUCK PUNZALAN



Photo by Justine Bryan Espina

On February 25, 2025, the avenues of Bulacan State University were filled with black and yellow colors with the echoes of advocacies rang through its walls. This day marked the 39th year of the EDSA People Power revolution which turned the tables in favor of democracy in the country.

At 3 PM, the BulSU Student Government pioneered the university-wide academic walkout as a response to the refusal of the university administration to their request of cancelling classes on the said date. It began with a snake rally from the BulSU Heroes' Park and circled around the campus and hundreds of BulSUans walked with members of the Student Government.

The event started with a prayer of the rosary, at the heart of the celebration were photos of notable individuals who lost their lives during the Marcos Sr. administration. The attendees all remembered these lost souls, praying that their efforts do not go to waste.

Echoes of the past

As Dean Roy Celestino of the Student Affairs and Services delivers the first solidarity speech, he relates that his mother, an employee of the communications department of Bulacan Capitol, took part in stopping the military tanks from the north to EDSA, **"***Hindi ko makakalimutan ang EDSA people power***,** *dahil kapag kinalimutan ko* **'***yon***,** *parang yinurakan ko na rin ang ginawa ng aking ina noong panahon na* **'***yon***."** After a call from Camp Aguinaldo, his mother was one of the people who made it possible to halt the tanks from going through Tabang.

Despite the event occurring 39 years ago, with none of the current generation present, Dean Roy knew that the future of the country is secure as the youth continues to remember what happened and continue what has been started. *"Kahit hindi na sikat ang EDSA***,** *pero hindi ito tuluyang mababura***,** *hangga***'***t mayroong nakikinig***...***hangga***'***t mayroong nakakakita***,** *patuloy na mabubuhay ang alala at ang diwa***.."**

Mr. Angelo Santos, adviser of College of Arts and Letters LSC, asks, "*Sa palagay niyo ba tapos na ang rebolusyon ng EDSA***?"** He puts into mind that the experiences of the simple Filipino back then are still what most of its citizens are still suffering from today - a reminder that the fight did not stop in EDSA, that the fight still continues in all roads and walks of life today. Mr. Santos also tells the story of his grandfather, a war veteran, who refused to follow the orders of then President Marcos Sr. and was imprisoned. This experience did not stop his grandmother from continuing her husband's fight, she was also imprisoned but was also eventually freed. This event made him learn that there is no room for apathy in a time of despair, one must be a vessel of help and of hope.

Atty. Arjay Capitle of the Student Policy Department and history professor, retells what happened that sparked the movement at EDSA, how it started with a snap elections between Cory Aquino and Ferdinand Marcos, Sr., then with Marcos winning which led to the walkout of many election operators. He shares that Cardinal Jaime Sin was the one who called for a vigil along the camps at EDSA. **"***At itong pag-palag ng mga mamamayan ay ngayong sinusubukang palabnawin***,"** he states as multiple institutions declared February 25 as another regular day. He stands firm that due to the price that the EDSA martyrs paid for our freedom, we have the rights to choose for ourselves and the responsibility to choose the right leaders. As we commemorate this remarkable day, Atty. Capitle stresses that EDSA is not a promise, but the fulfillment of a covenant to protect and serve the country.

Echoed by the present

Sunshine Banting from the College of Education Local Student Council shares that she had received criticisms from her family members for taking part in such event and reminds her fellow students that the cries of those in the outskirts of society must be heard more than the scorns from inside the home. She declares that the fight for justice and freedom must not be confined within one color, **"***Ito ay laban ng bawat Pilipino***,** *ito ay laban ng bawat isa***."**

Dean Roy reminds that the EDSA People Power is "...not just an event that we recall, it is a moral choice - a moral choice sa pagharap sa tanong [na] *"May pag-asa pa ba ang Pilipinas*?" As a result of the current state of the government, one may lose hope in the future of the country, but Dean Roy evoked in the minds of the attendees to put trust in their fellowmen. **"***Maaaring hindi tayo magtagumpay sa ngayon***.** *It is not a failure***,** *it's a delay***."** He painted the humans from the displayed photos in the center, that the fire they started has not been extinguished, but a silent spark that keeps on creeping, defying times.

This spark may not right away cause a flame, however, its slow and steady ignition will surely light up the dark times of the country as it did 39 years ago. **"***Hindi komo kumilos tayo***,** *nandu'n na kaagad ang epekto***."** Dean Roy stresses that as long as there are people who recall the important efforts of the disappeared and martyrs of the Marcos dictatorship.

BulSU SG President Queenie Quintero brings how EDSA revolution happened - peaceful and united Filipinos of all walks of life. **"***Ang EDSA ay hindi lamang isang lugar***...***ang EDSA ay isang patunay ng kapangyarihan ng bayan at ng mamamayan***."** President Quintero knew that by acknowledging one's role in society and choosing to work with fellowmen for the betterment of the country, the simplest of Filipinos can change history and the country's fate.

As the program ended, the students once again dispersed into their normal lives, however, the faces of the martyrs stayed as symbols of what started and what must continue. They are lingering reminders that the EDSA People Power is not just an event one must remember but a history one must act upon.



Photo by **Justine Bryan Espina**



Love is still in Fed

Caught in 'Hearthstrings' Love is in Feb, love is still in Fed!💘

See the love lives of CS students — single or in a relationship – and how they appreciate life a little more everyday. CS Wizards presents *Heartstrings*, a Valentine's special depicting love, in all its forms, and how one can get caught up in it.

Produced by
Rona Joy Manahan, Justine Bryan Espina, John Charles Bartolome, Jewely Gatchalian, and Shyleluck Punzalan

Scan here for full episode!



Zero-based

Blessed ba sa Zero-based?

"Mahihirapan kaso wala ka na rin namang magagawa, eh." "Dahil dito, matututong mag-adjust ang mga estudyante sa panibagong sistema. Ilan lamang ito sa pahayag ng mga nakapanayam ng CS Wizards tungkol sa pagbabago ng grading system sa buong unibersidad. Alamin ang pananaw at pulso ng mga propesor at estudyante mula sa Kolehiyo ng Agham, at kung paano nila tatahakin ang panibagong landas na ito ng kanilang buhay-akademiko. Tunghayan ang kanilang saloobin sa maiksing dokyumentaryo na inihahandog ng CS Wizards.

Produced by
John Charles Bartolome, Francis Cabrera, John Francis Vargas, Justine Bryan Espina, Dianne Carreon, Patricia Dizon, Lorenz Gerald Yambao, and Shyleluck Kate Punzalan



Pasko ngPinas

May tatalo ba sa Pasko ng Pinas? ⭐🎄

Hindi lang regalo ang exciting—ang caroling na minsa'y nakakahiya, exchange gift na mapapaisip ka kung seryoso o kalokohan, at ang mga Christmas day outfits na buong taon pang pinag-isipan—lahat 'yan ay Filipino Christmas core. Ang pasko sa pinas ay higit pa sa mga regalo, dahil ito ay puno ng tawanan, kwentuhan, at pagmamahalan. Ang mga simpleng bagay na ito ang bumubuo sa magic ng pasko. Kaya may tatalo pa ba sa Pasko ng Pinas? Wala!🤪

Produced by
Miles Juan, Eirah Marcelo, John Charles Bartolome, Cristine Montino, Daniella Manahan, Brylle Jacob Labang, Justine Bryan Espina, Gerald Yambao, and Lexie Alfonso



Balangayan 2024

ICYMI, Step back into the vibrant world of Balangayan sa Unibersidad 2024!

Relive the excitement and the thrilling colors of the recently concluded Balangayan event last October 2024. With its outstanding performances and creative showcase of talents, this year's Balangayan paved its way towards a lasting legacy. Watch the video highlights and let the spirit of Balangayan rekindle the creativity and passion in you!

Caption by Kaye Cassandra Cruz
Videos by John Charles Bartolome, Justine Bryan Espina, Czamantha Gonzaga, Vince Aaron Polintan, Juangabriel Santiago, Ma. Ellery Brienne Santiago, and Julia Renee Villaroman
Edited by Aaliyah Trizzia Mhay Untalan



Fashion against Fascism

The fight has been stitched into the braids of change. Wear your clothes and uncover the tyranny

September 13 saw the third installment of the Fashion Against Fascism and Fossil Fuels, "The Horror," at the IBG-KAL, UP Diliman. In a society where fascism and the exploitation of fossil fuels terrorize the people, this fashion show served as a message against state violence and oppression. It's a cry for change—this is resistance.

Produced by: Lexie Alfonso, Patricia Dizon, Hans Bosi, and Czamantha Gonzaga

Gusaling Walang Pangalan, Pero Marami Ang Nilalaman

Ni Fiona Ventura

Sa isang lumang kanto sa bayan, nakapaskil ang isang anunsyo: "Gigibain ang gusaling ito sa darating na linggo para sa itatayong gusaling pang komersyal." Marahil sa mata ng marami, ito'y isang ordinaryong lumang estruktura lamang—marupok na kahoy, kupas na pintura, at lamatlamat na bubong. Ngunit sa pananaw ng kaunting nakakaalam, ito'y isa sa huling natitirang gusaling itinayo pa noong unang bahagi ng ika-20 siglo.

Hindi man sikat sa social media, hindi man ipinapangalan sa mga aklat, ang gusaling ito ay tahimik na saksi sa kasaysayan ng komunidad —mula sa
mga panahong itinatag ang unang sangguniang bayan, hanggang sa mga panahong ginamit itong taguan ng mga dokumentong may pambansang kahalagahan.

Ngayon, ito'y malapit nang tuluyang mabura kahit wala pa sa marami ang tunay na nakakakilala rito.

Sa bawat pagkakalas ng kahoy, sa bawat pagbagsak ng pader, may bahagi ng kasaysayang tuluyang nawawala—hindi dahil sa bagyo o digmaan, kundi dahil sa katahimikan ng mga hindi nakakaalam. Ito ay isang paalala na may mga alaala at kwento tayong hindi nabigyan ng pagkakataong makilala o maunawaan, at ngayon ay nalalapit nang mabura. Sa panahon kung kailan mas pinahahalagahan ang bago, kumikislap, at moderno, tanong ng marami: may halaga pa ba ang mga luma, ang mga hindi kilala, ang mga gusaling hindi nasama sa libro? Ang sagot ay oo —kung pipiliin nating alamin, ipaglaban, at ingatan ang mga ito, habang may natitira pang panahon.

History is Dead?

Ayon sa ilang matatandang residente, ang gusali ay dating munisipyo, paaralan, at maging evacuation center noong World War II. Ngunit wala ni isang page sa internet ang nagbabanggit ng impormasyon ukol dito. Wala ring plakang pampamantala, ni anumang opisyal na pagkilala mula sa pamahalaan.

Ito ang realidad ng maraming makasaysayang lugar sa mga probinsya: nabubuhay lamang sa alaala ng matatanda, pero hindi nailalapat sa papel, mapa, o batas. At sa isang lipunang digital, kung wala ito sa search engine, para bang hindi ito kailanman umiral.

Information Not Found

Sa isang panayam sa mga estudyanteng malapit sa lugar, iisa ang tugon: "Ah, yung lumang bahay? Wala po kaming alam dyan." Ang mga tanong ukol sa pinagmulan ng gusali, sa layunin nitong ipinatayo, at sa mga taong minsang nanilbihan doon ay nananatiling wala pang kasagutan.

Ngunit hindi ang kabataan ang dapat sisihin. Ang mas malaking tanong: Bakit walang access sa impormasyong ito? Bakit tila hindi pinaprioridad ng mga lokal na opisina ang pagdokumento ng mga istrukturang ito?

Lahat ng Bagay May Kapalit

Marami sa mga proyekto ng modernisasyon sa mga bayan ng Bulacan ay naglalayong "paunlarin" ang imprastraktura, gaya ng pagtatayo ng mall, bagong eskwelahan, o city hall annex. Ngunit sa likod ng mga ito ay ang tanong: Kanino ba ang pinipiling paunlarin—at ano ang nawawala sa proseso?

Kung walang konsultasyon, kung walang sapat na dokumentasyon, maaaring nabubura hindi lang ang lumang gusali, kundi ang pagkakakilanlan ng mismong komunidad. Hindi na muling mababalikan ang kasaysayan kapag naitapon na ito kasama ng semento't kahoy.

Kilalanin Bago Wasakin

Ang isang konkretong hakbang na maaaring isulong ay ang pagbuo ng "Heritage Audit" bago aprubahan ang mga proyekto ng demolisyon. Dapat tiyakin na bago gibain ang isang gusali, may malinaw na assessment kung ito ba ay may historikal, kultural, o arkitekturang kahalagahan.

Mahalaga rin ang pagsasanib ng mga lokal na paaralan, youth councils, at barangay historians upang magsagawa ng community mapping—isang proseso kung saan binibigyang-halaga ang mga lugar at alaala mula mismo sa komunidad.

Hindi Laging Alam, Pero Laging May Pakialam

Ang kabataan ngayon ay lumaki sa panahong mabilis ang pagbabago. Ngunit ito rin ang panahong madali ring mabura ang nakaraan. Hindi man sila eksperto sa kasaysayan, may kapangyarihan silang magsimula ng tanong, maghanap ng sagot, at magsulong ng pagkilala sa mga bagay na tila walang halaga — ngunit puno ng alaala.

Hindi kailangang historian ang kabataan para makialam. Sapat na ang malasakit, ang tanong, at ang boses.

Kapag Wala na, Sino Pa ang Makakaalala?

Kapag tuluyan nang giniba ang gusali, at tinayuan na ito ng bago, mananatili na lang itong bahagi ng katahimikan. Walang dokumento, walang marker, walang parangal. Ang mga mambabasang pipiliing makialam—maaaring maging unang hakbang upang ihinto ang tahimik na pamamaslang sa kasaysayan. Sapagkat ang kasaysayan ay hindi dapat kalimutan, lalo na kung hindi pa nga natin ito ganap na naunawaan.





Photo by ***Fiona Ventura***

Bakit Nag-Tatagalog na 'yang Kepap mo?: BINI takes the OPM landscape by Storm

/ SHYLELUCK PUNZALAN

Pantropiko, pantropiko, oh, sa isla ng pantropiko"

Perhaps you've heard them in Tiktok dance challenges or playing in a convenience store. BINI has surely taken every KPOP listener by the neck with their new, summer hit "Pantropiko".

The PPOP girl group's rise to fame seemed to be overnight, starting from small Tiktok dance challenges until their faces covered every university fair poster. But, how did they manage to take hold of the local music landscape?

BINI Taalarawan: BINI Who?

BINI, short for "Binibini", was formed by ABSCBN's Starhunt Academy spearheaded by Director Lauren Dyogi. The program's goal was to gather world-class talents from all over the country and create a pop girl group that will symbolize the colorful roots of our culture.

They managed to gather over 200 applicants who participated in a 5-day boot camp, from them, eight girls were chosen namely Aiah, Mikha, Maloi, Colet, Sheena, Stacy, Jhoanna, and Gwen. They were subjected to more dance and vocal lessons from renowned Filipino and Korean artists. During this period, the girls of BINI lived under the same roof where their bonds formed, creating the humorous BINI that we know today.

BINI debuted on June 11, 2021 with their song "Born to Win" composed by Francis Libiran. A few months before their official debut, BINI had already made noise in Filipino social media platforms with their predebut single "Da Coconut Nut" which is an electro-pop remake of the original piece by Ryan Cayabyab.

Through their lives on KUMU and other platforms, the members of BINI were able to catch the hearts of many young Filipinos. They are not afraid to show their real personalities and humor and does not filter who they are even when in front of the camera.

Born to Win...the people's hearts

BINI's concept was purely experimental during their "nugu" days. They would switch from girl crush to cute to ballad concepts during their earlier days, mostly because they were trying to find the right mix to win the ears of the masses. Their debut song, "Born to Win" featured a more mature concept with a complex choreography and a synth sound. However, what clicked with the people was one of their latest songs, "Pantropiko" which had a summery vibe that featured the "all smiles" version of BINI.



Photo Courtesy to **ABS CBN News**

Songs such as "Pantropiko" are easy songs to win top 1 within the local landscape. Filipinos are naturally cute pop listeners at heart, explaining the fun nursery rhymes we have and our never-ending obsession with colorful festivals. BINI found the way to their target audience's hearts through their cute choreography and catchy lyrics. It is almost impossible to get the "Pantropiko" earworm out of your system!

Taking the chance, BINI double killed with their latest release "Salamin, Salamin" which had the same vibes of "Pantropiko". It featured a key dance step one can do even while bathing which involved opening and closing the hands in front of the face, like a peek-a-boo dance.

In essence, the current BINI concept is entwined with the roots of the colorful Filipino culture. Our natural love for fun and colors is beautifully showcased by every performance and costume of the group. This made the girl group palatable to the public's taste, we're only waiting for them to be officially nicknamed as the "Nation's Girl Group".

Karera sa Islang Pantropiko

In a past live from the group's leader, Jhoanna Robles, she shared how she dreams that BINI would finally have their first solo concert in 2025, and by then, they would have gathered over 500 thousand listeners on Spotify. Can somebody tell her that by 2024, they have managed to gather multiple "firsts" in the history of Filipino pop and they now have 2.5 million Spotify listeners with their music video views on YouTube doubling each day?

It is so obvious that BINI experienced a large catapult into the spotlight with their incredible talents and visuals as the greatest pulling effect on new listeners. Every member has their charms and features that surely attract heart eyes of those who have seen them

Those are only factors that will keep you streaming "Pantropiko", but, what will make you stay in BINI world would be their relatable and very Filipino humor. Every member has their type of making people laugh, Maloi has a striking humor with her funny antics and remarks, and Colet's nickname within the group is "Anger" as she always seems to have her eyebrows meeting but her sarcastic replies to BLOOM's (BINI's fandom name) jokes make their fans laugh hard. Mikha and Gwen are known as the "nonchalant" ones in the group, but when they speak, it's always going to be something funny. Jhoanna and Stacey are known to be in regular fights, which are sights to behold for BLOOMS, while Sheena and Aiah are the ones who get away with being cute and bubbly

Filipino talent is as hidden but shiny as a pearl hidden beneath the seas. They gobble up the stage once shone with a spotlight – that, BINI never ceases to do. The girl group is slowly growing their fanbase, composed of teenagers, young adults, children, and even senior citizens. Soon enough, they'll be dominating world charts and showcase the beauty of Filipino culture and bring everyone...sa Islang Pantropiko!



*Photo Courtesy to **ABS CBN News***



*Photo Courtesy to **ABS CBN News***

Buhay Pa Ba ang Alab o Katawan na Lang ang Lumulaban?: Isang Pagbabalik-Tanaw sa Tulang "'Di Na Tayo Umiibig Tulad Noon"

Ni Fiona Ventura



Photo Courtesy to ***Pexels - Pawel L***

Minsan, habang nakatayo sa isang mataong siyudad, kapansin-pansin kung gaano kabilis gumagalaw ang lahat ng tao sa paligid. Halos hindi na nagkakatinginan ang mga tao. Bawat isa, abala sa sariling gadget, tila may hinahabol na hindi niya makita. May mga ngiti, oo, ngunit mabilis ding naglalaho. May mga tawa, pero tila kulang sa kaluluwa. Ganito na ba talaga ang mundo ngayon?

Wala na ang mabagal na paghinto para magdamdam, mangarap, o umibig nang buong puso. Lahat ay pabilisan, paramihan, at payabangan. Sa mundong ito, tila nga ba ang sinasabi ni Rio Alma sa kanyang tula, "Di Na Tayo Umiibig Tulad Noon," ay hindi lamang tungkol sa pag-ibig sa kapwa, kundi pati sa pag-ibig natin sa mismong pamumuhay.

Hindi lang pag-ibig ng puso ang tila napawi sa panahon ngayon—pati pag-ibig sa mismong pamumuhay. Ang dating mabagal pero makahulugang pagtahak sa pangarap ay napalitan ng mabilisang galaw at mapagpanggap na emosyon. Sa gitna ng mga makukulay na ilaw at pag-ikot ng makina, unti-unting namamatay ang apoy ng damdamin at pag-asa—at kasabay nito, ang tunay na kahulugan ng pagiging buhay.

Nasa Mabagal na Paghakbang ang Buhay

Noong araw, ang buhay ay hindi isang karera kundi isang paglalakbay. Hindi nagmamadali ang mga tao makarating kung saan, sapagkat bawat hakbang ay may saysay. Wala pang Google Maps na nagpapakita kung gaano kalayo o gaano katagal ang byahe. Wala pang social media para i-post ang bawat sandali—sapagkat noon, sapat na ang maramdaman ito para malaman mong totoo ka.

Ang pag-abot ng pangarap ay parang pagtatanim sa ilalim ng araw—pawis, oras, sipag, at dasal ang puhunan. Hindi sa isang kumpas ng kamay, nandiyan na. Hindi microwavable. Bawat pagod, bawat pag-aantay, bawat pagkabigo ay may kabuluhan. Hindi investment ang pagmamahal noon; hindi ito iniisip kung may kapalit. Walang kailangang isaalang-alang sa pagpili ng propesyon, kaibigan, o iniibig. Basta nararamdaman, kaya sinisikap, kahit masaktan pa.

Sabi nga sa tula, "Guniguni'y bantulot nang maglimayon," at kung ihahambing, noon ang guni guni ay malaya pa. Ang imahinasyon ay nakakalipad, nakakalikha ng mga pangarap na hindi nasusukat sa kita o likes. Ang bawat liham ay isinusulat ng kamay, bawat letra ay puno ng pagibig o pangungulila. Hindi minamadali. Hindi tinatama ng makina.

Sa ilalim ng malamlam na liwanag ng mga bituin—hindi ng neon o LED—dinarama ng mga tao ang bawat tibok ng puso nila. May kabagalan, oo. Ngunit sa kabagalan na iyon, lumalalim ang pagmamahal, tumitibay ang pag-asa, lumalaki ang pagtitiwala. Noon, ang buhay ay hindi lamang basta pagkabuhay at paggising sa umaga. Ito ay isang pagninilay—isang mabagal na pagsisid sa kaibuturan ng sariling damdamin.

Sa Mabilis na Agos, Nawala Ka

Ngayon, lahat ay nakasakay sa mabilis na tren ng modernisasyon. Hindi pwedeng huminto. Hindi pwedeng damhin ang sakit, dahil kung babagal, maiiwan. Hindi pwedeng ibuhos ang buong sarili sa isang bagay na walang garantisadong balik, dahil kung hindi, sasabihin ng mundo: sayang ang oras mo, wala kang halaga.

"Tanglaw nati'y hindi buwan kundi neon." Ang dating liwanag ng buwan na tahimik na humahaplos sa mga pangarap ay pinalitan ng nakasisilaw na mga neon lights. Kung dati, ang pangangarap ay isang pribadong paglalakbay, ngayon ito'y isang kompetisyon. Sino ang mas magaling? Sino ang mas mabilis? Sino ang mas maraming followers?

At pati pag-ibig, hindi na basta nararamdaman; sinusukat na ito. Sabi nga sa tula, "Bawat liham na lagdaan ay may karbon, bawat sumpa'y kasunduang nakapapel." Hindi na umiibig para magmahal, kundi para magtagumpay. Hindi na nangangarap para mabuhay, kundi para punan ang kagustuhan ng iba.

Maging relasyon ay may checklist na, "Dapat supportive, pero hindi demanding. Dapat independent, pero available kapag kailangan ko. Dapat walang drama." Maging trabaho ay may sukatan, "Kung walang growth in six months, resign agad." Ang dami ng gustong makamit, ngunit para kanino ba talaga?

Naging plastik at mapagkunwari na ang puso. Naging makina ang damdamin. At sa pagtakbo ng mundo sa ilalim ng makukulay na ilaw ng neon lights, hindi napapansin—unti-unti nang nagiging de-motor ang bawat isa. Hindi na umiibig tulad noon; hindi na rin nabubuhay tulad noon.

Musmos Pa Rin ang Puso

Ngunit kahit sa gitna ng makukulay na ilaw at maiingay na makina, may iilang pusong hindi pa sumusuko. May mga batang masaya pa ring gumuguhit ng kanilang pangarap sa kwaderno, kahit sabihan silang "walang pera d'yan" o "pangarap lang 'yan ng maharlika." May mga musikero pa ring tumutugtog sa kanto, kahit ang mga nakikinig ay ilang estrangherong nagmamadali. May mga guro pa ring nag-aalay ng buhay sa mga baryo, kahit walang bonus o likes.

Sabi nga, "Kahit pusong umibig ngang walang-gatol / Hahatulan nating musmos o nabaliw." Sa panahon ngayon, ang totoong damdamin ay tila kahinaan. Ang pagmamahal na hindi praktikal ay tinatawag na kahibangan. Ngunit sa totoo lang, sila ang tunay na buhay.

Sila ang mga kaluluwang nag-aalab pa rin sa gitna ng lamig ng teknolohiya. Sila ang nagpapaalala na hindi lahat ng mahalaga ay kayang ipost o ipagmalaki. May mga bagay pa rin sa mundo na dapat ipinaglalaban—kahit walang gantimpala.

At habang tinatawanan sila ng marami, habang tinatawag silang musmos o baliw, sila ang tunay na nagpapatuloy sa pagiging tao.

Nasaan na ang Alab?

Ngayon, higit kailanman, kailangang muling magtanong: Paano muling mararamdaman ang tunay na alab ng buhay? Hindi ba't tama lang na umasa, na maghintay, kahit sa hinaharap na hindi tiyak?

Ang mga bituin na matagal nang iniwasan ay nag-aanyaya. Ang buwan, kahit natatabunan ng neon, ay nananatiling tanaw. Hindi kailangang baguhin ang buong mundo. Magsisimula ito sa sarili. Sa pagsalo sa maliliit na sandali ng pagmamahal, pag-asa, at pangarap.Mahalaga pa ba ang pera, likes, at views kung wala na ang tunay na pakiramdam?

Kailangan bumalik sa puso. Magtanim ng bagong pangarap. Hayaan muling sumiklab ang apoy ng tunay na pagmamahal. Ngayon na ang panahon para muling mag-alab. Huwag magpatalo sa mundong puno ng kaplastikan at makina. Ang tunay na buhay ay nagsisimula sa loob—at ang tunay na pagmamahal ay buhay na hindi kailanman matitinag.

Magsimula muli para sa totoong buhay. Buhayin muli ang namatay na alab sa puso.

Sa Dulo ng Pila, May Simula

Ni ***Florsorriso***

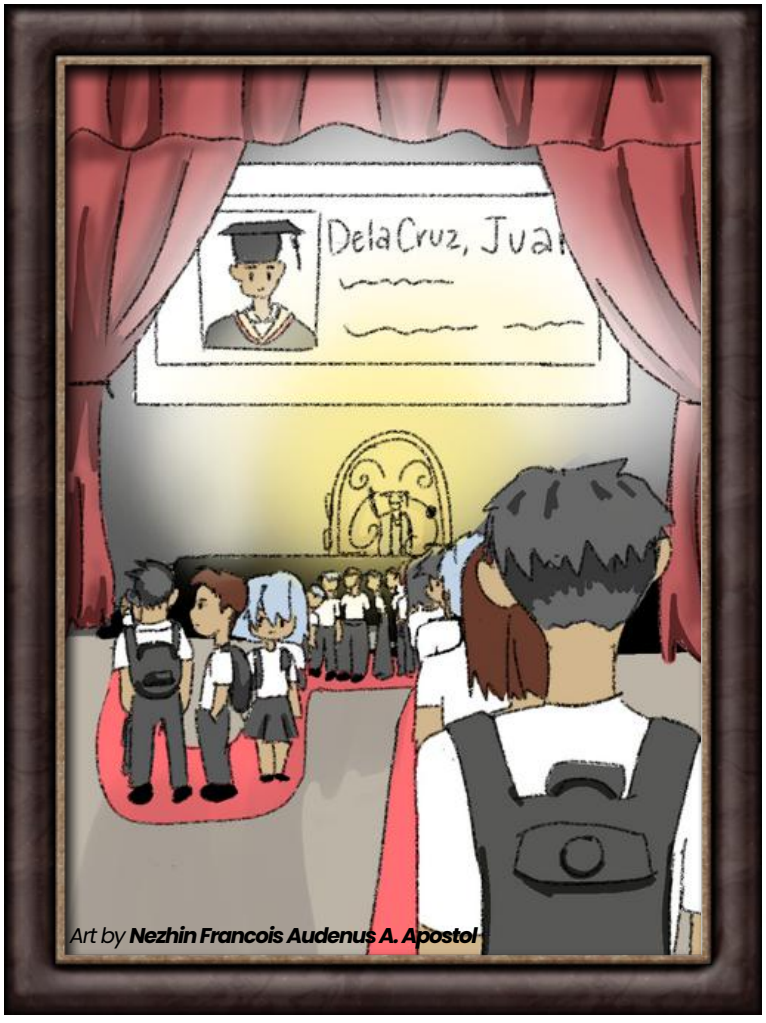
Sa dilim ng madaling-araw, doon nagkikita,
Mga mukhang antok, pero may alab ang mata.
Sa mahaba at maagang pila, doon nagtatagpo,
Ang pangarap at pasensya, sa iisang yugto.

May ilan pang nakaidlip, sa semento nakasandal,
Ang iba'y nagbibilang ng oras, nagbabantay sa pag-usad.
May mga kamay na nangangawit sa bigat ng papel,
Mga paa'y napapagod, pero hindi bumibigay sa laban.

Sa bawat hakbang ay kaba, sa bawat sulyap ay tanong:
Makakapasok ba ako? Kakayanin ba ng baon?
Ang pila'y hindi lang pagsubok ng sipag at tiyaga,
Kundi pati ng tiwala—sa sarili, sa sistema, sa tadhana.

Sa unahan, may ilang matagal nang naghintay,
Sa likuran, may bagong dating, nangangarap ding sumabay.
Ngunit sa loob ng bawat isa, iisa lang ang sigaw:
"Makapasok lang ako, hindi ko sasayangin ito!"

At sa dulo ng linya, naroon ang sagot—
Isang papel na may tatak, isang pangakong inabot.
Ngunit hindi dito nagtatapos ang tunay na laban,
Dahil ang pumila sa pangarap, dapat kayang ipaglaban.



Art by ***Nezhin Francois Audenus A. Apostol***

Ang Walang Hanggang Pagtatanong, Ang Walang Hanggang Pagkatuto

Ni ***Florsorriso***

Sa unang silid-aralan, sa musmos na isipan,
Nag-umpisa ang lahat sa isang simpleng katanungan.
"Bakit bilog ang mundo? Bakit may araw at ulan?"
At mula noon, ang diwa'y hindi na mapakali kailanman.

Sa bawat patlang ng papel na kailangang sulatan,
May tanong na sumusulpot, naghahanap ng kasagutan.
Sa bawat leksyon na tila isang palaisipan,
Ang tanong ay sandata upang ito'y mahawan.

Sa bawat pahina ng aklat na binubuklat,
May mga lihim at sagot na nais mahagilap.
Sa bawat sulat sa pisara na kanilang nakikita,
May tanong sa isipang nais nilang makita.

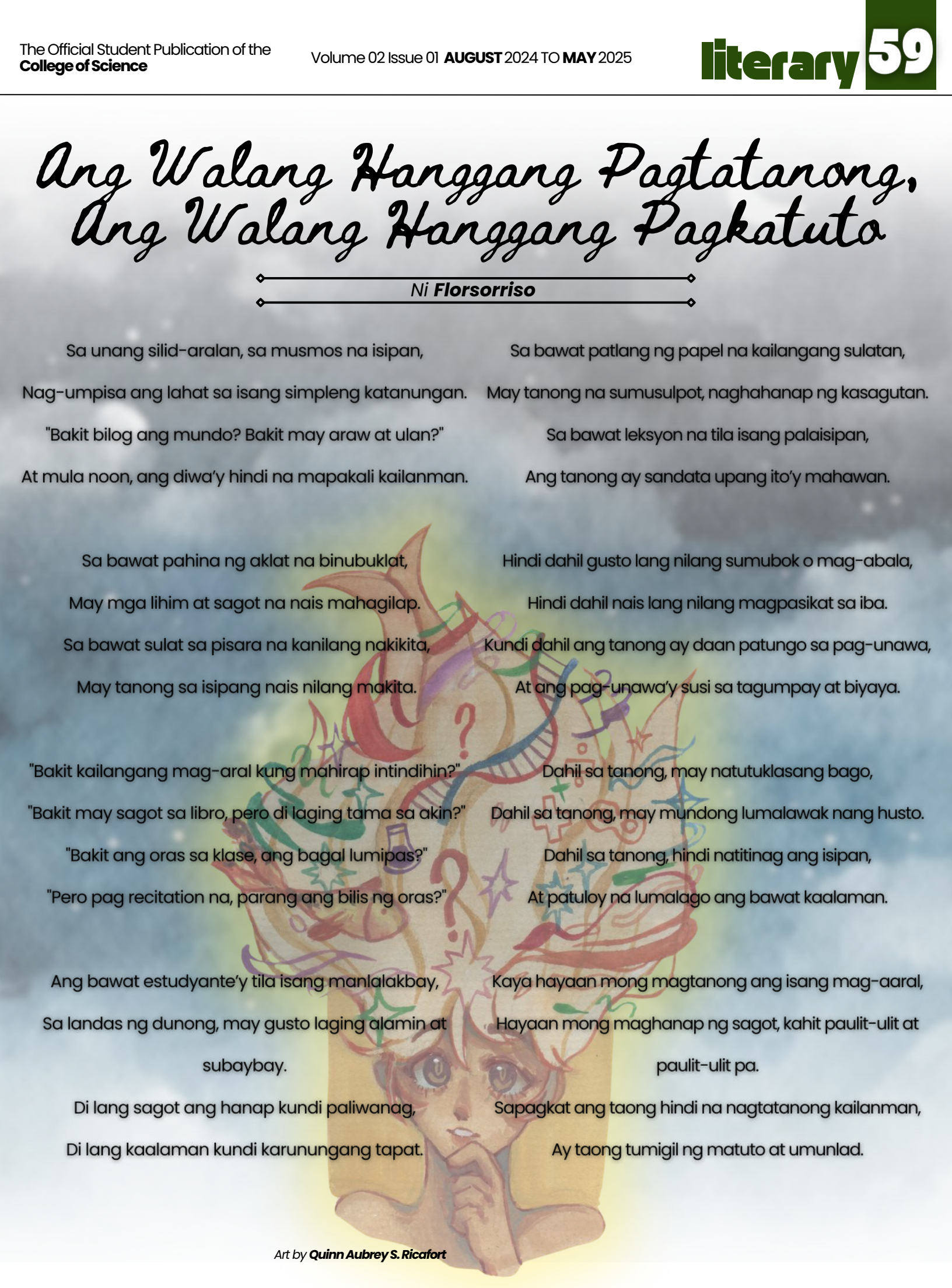
Hindi dahil gusto lang nilang sumubok o mag-abala,
Hindi dahil nais lang nilang magpasikat sa iba.
Kundi dahil ang tanong ay daan patungo sa pag-unawa,
At ang pag-unawa'y susi sa tagumpay at biyaya.

"Bakit kailangang mag-aral kung mahirap intindihin?"
"Bakit may sagot sa libro, pero di laging tama sa akin?"
"Bakit ang oras sa klase, ang bagal lumipas?"
"Pero pag recitation na, parang ang bilis ng oras?"

Dahil sa tanong, may natutuklasang bago,
Dahil sa tanong, may mundong lumalawak nang husto.
Dahil sa tanong, hindi natitinag ang isipan,
At patuloy na lumalago ang bawat kaalaman.

Ang bawat estudyante'y tila isang manlalakbay,
Sa landas ng dunong, may gusto laging alamin at subaybay.
Di lang sagot ang hanap kundi paliwanag,
Di lang kaalaman kundi karunungang tapat.

Kaya hayaan mong magtanong ang isang mag-aaral,
Hayaan mong maghanap ng sagot, kahit paulit-ulit at paulit-ulit pa.
Sapagkat ang taong hindi na nagtatanong kailanman,
Ay taong tumigil ng matuto at umunlad.



Art by ***Quinn Aubrey S. Ricafort***

Numbers on a Page

Ni ***Florsorriso***

They hand me a paper, a single red mark,
A number so small, yet it tears me apart.
A 95—almost perfect, but not quite there,
An 89—a whisper of failure, heavy with despair.

I stare at the digits, the ink sinking deep,
Like a wound reopened, like a promise I couldn't keep.
I should be proud, I should feel light,
But why does my heart say I lost this fight?

I see them glance, their eyes full of weight,
Comparing, measuring—who holds more fate?
As if a grade is a crown, a throne to claim,
As if worth is found in an academic game.

But they never saw the nights I cried,
The books, the notes, the sleep denied.
They never felt my silent screams,
The pressure that haunts even in dreams.

They never heard my mother say,
"Anak, magpahinga ka naman kahit isang araw lang, okay?"
And I nodded, smiled, lied through my teeth,
Because success, they say, is built on grief.

But is it? Is it?

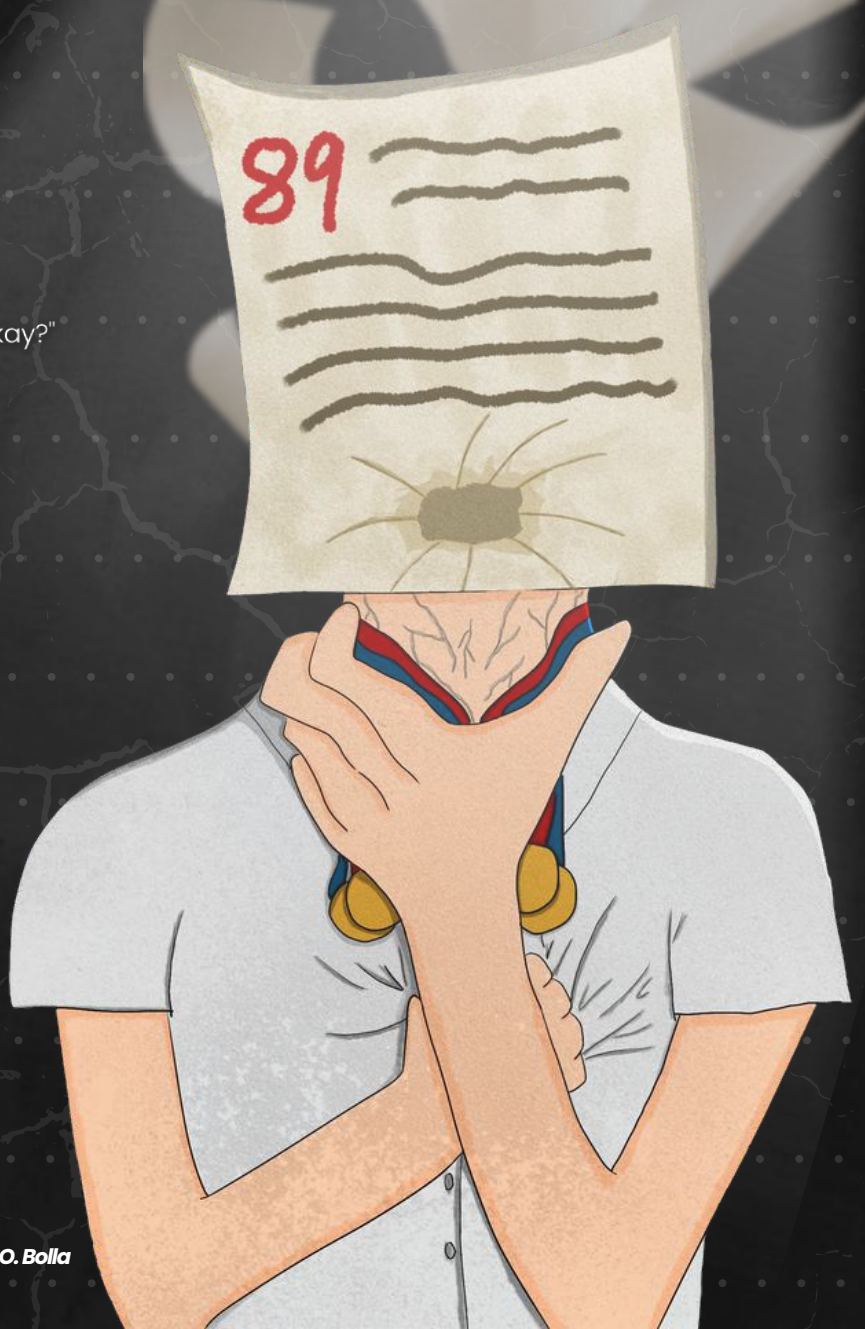
Will a number on a page define who I am?
Will it hold my laughter, my kindness, my plans?
Will it tell of the battles I fought on my own,
Or the nights I whispered, *You are not alone*?

I am tired of chasing, of proving my worth,
As if I must run just to claim my earth.
As if I must break before I can shine,
As if my value is a grade—not a soul, not a mind.

So I step back. Breathe.
Let the numbers fall like autumn leaves.
For I am more than digits, more than a race,
I am the dreams I build, the love I embrace.

Not a percentage.
Not a rank.
Not a fraction of success or lack.

I am whole. I am here.
And I am enough.



Art by ***Kyrene Alshley O. Bolla***

Sa Gitna ng Unos: Sa Halim ng Bubong, Hindi Lahat ay Nakasilong

Ni ***Florsorriso***

Sa tuwing may anunsyo ng suspensyon ng klase o trabaho, tila may dalang saya para sa karamihan—isang pagkakataon upang magpahinga, manatili sa loob ng tahanan, at sandaling kalimutan ang mga alalahanin ng pang-araw-araw na buhay. Ngunit sa likod ng balitang ito, may mga pamilyang hindi nakakaranas ng ginhawa, sapagkat wala silang tahanang masisilungan mula sa bagsik ng bagyo. Sa kanila, ang suspensyon ay hindi isang pahinga, kundi isa pang araw ng pakikipagbuno sa kalamidad.

Sa mga pamilyang nakatira sa mga barong-barong, ang bawat patak ng ulan ay banta ng pagkawasak ng kanilang mga tahanan. Ang malakas na hangin ay tila galit ng kalikasan na unti-unting binubura ang kanilang kinabukasan. Habang ang tubig ay patuloy na tumataas, pilit nilang inaalis ang ilang gamit na kayang iligtas—mga piraso ng alaala na maaaring hindi na mabuo muli. Sa mga evacuation center, siksikan at kapos sa tulong, naghihintay sila ng araw na titila ang ulan, ngunit walang kasiguraduhan kung may tahanan pa silang babalikan.

Habang ang iba ay kampante at nag-aabang ng muling pagbabalik sa eskwela o opisina, sila'y nakatuon sa mas mahahalagang bagay—kung paano mabubuhay kinabukasan. Sa kanilang mga mata, ang bawat bagyo ay isang paalala ng kanilang kahinaan at kawalan ng katiyakan. Ngunit sa kabila ng hirap, nananatili silang matatag, hindi nagpapatinag sa hamon ng buhay. Ang kanilang lakas ay hindi nasusukat sa kanilang ari-arian, kung hindi sa kanilang kakayahang bumangon mula sa anumang pagsubok.

Ang mga bagyong dumaan ay nagpapaalala na hindi lahat ay may pribilehiyo na makapag pahinga sa gitna ng kalamidad. Sa gitna ng unos, may mga pamilyang patuloy na lumalaban, hindi dahil nais nila, kundi dahil kailangan nilang harapin ang mga alon ng pagsubok upang manatiling buhay at buo.

Dibuho ni ***John Charles P. Bartolome***

"Forgot you were there!" The Oh So Inclusive Architecture of Bulacan State University

Ni **Nony**

You were not born the same as the billions of people on earth. They walk on two feet, you walk on none, so, you had to use a wheelchair for all of your life. College comes by, you enter your college university - huge letters plastered across the walls

"INCLUSIVE EDUCATION FOR ALL."

You navigate through highly-inclusive Bulacan State University, the Lover's Lane was no sweat. It is fairly easy to go through as it was relatively flat, except for an elevation near Alvarado hall. It was too steep for you to go through but a kind stranger offered to push you up.



Dibuho ni ***Shanlei Mae J. Libres***

Highly-inclusive Bulacan State University seems to prioritize movement with wheels more than movement with feet. It's fine as you move with two wheels! It would've been even better if only those who moved with four wheels stopped honking at you four times even if you've already imprinted on the edges of the pavement trying to give way. Moreover, way better if highly-inclusive Bulacan State University curated a walkway for human beings so that you would not play a game of hopscotch with incoming traffic.

Your first subject lecture hall is at Federizo Hall. You arrive there stumped. The two short steps of stairs seemed to smirk at you while the long flight of stairs leading to your lecture hall was holding its laughter. "Highly-inclusive Bulacan State University must have forgotten to build ramps", you thought. You would've made a miracle for yourself and carried your wheelchair up if it wasn't for two nice maintenance workers who offered to carry you and your accessibility tool up the stairs.

First class was done and you decided to grab something to eat with your new college friends, however, you remembered that highly-inclusive Bulacan State University forgot that people like you may need free tertiary education so they missed building you an accessible way to go up and down buildings without accidentally dying. If it wasn't for your kind friends, you would've just created an imaginary ramp beside the building and went on it at a speed of 9.8 meters per second.

Upon descending the stairs, you had to calculate your next moves. You looked around, people with working two legs can eat whatever, wherever they want, and the only places you can eat are where your wheels can take you. You decided to go to the College of Social Sciences and Philosophy canteen. Going there was a piece of cake, but, your schedule says your next class was inside the CSSP building. You looked behind, highly-inclusive Bulacan State University must have overlooked that one of the fundamental teachings of social science is equity and inclusivity, yet no ramp was seen.

Out of spite, you rolled your wheelchair as far as the anger in your arms could take you, in search of ramps or any bits and pieces of PWD-friendly architecture. Everything was built for those with complete sets of chromosomes and normal genes, how about you who was not blessed with those? There would be ramps, but they were too steep. The roads to canteens and buildings where your classes are located are bumpy, you wonder how your arms could handle such. Luckily, buildings like Valencia Hall, Pimentel Hall, College of Law, and the Activity Center had ramps to enter them, but none to actually utilize the building.

You decided to take a rest, it had been a long day for you and your tired wheels. You decided to go on one of the disability token ramps of highly-inclusive Bulacan State University to use the comfort room. To your disappointment but not to your surprise, the cubicles were made for people who could stand up on their own without gathering the powers of physics to hold onto the incredibly flat walls of the cubicle that you aren't even sure are clean. You just decided to hold it in.

"Hold it in..." you thought. There are thousands of people like you all over the country, people like and share pictures of people in wheelchairs who display inhuman capacities of resilience, and yet, there seems to be no sign of recognition for these representations. A SONA, a poster, and a promise would all remain shallow mental considerations for those who require access to basic needs. Highly-inclusive Bulacan State University would remain a theory until they actually create a space intended for those with physical impairments. They would create new rooms, brag about how it's a state of the art project, and look at you with a shocked face and say, "Oh, we forgot you were here!"

You wonder how many people with disabilities like you had to hold it in, just because it was harder for you to use the toilet.



Baon Kong Pangarap

Ni **Kasandra**



Art by **Quinn Aubrey S. Ricafort**

Ginising ako ni mama ng madaling araw,
Pinaligo, pinagbihis, pinagayak.
Baka sa pagpasok ay mahuli na raw
Sa byaheng halos dalawang oras.

Bitbit sa bag ang mabigat na pangarap,
Nakasuksok sa bulsa ang determinasyon.
Nakaipit sa kwaderno ang 'di pagsuko,
Pag-asa'y mahigpit na nakabigkis sa puso.

Kumakalansing ang mga baryang dala-dala
Kasabay ng mga tanong na bakit nga ba?
Para saan ba ang lahat ng ito?
Hanggang saan ang kakayanin ko?

Ngunit sa aki'y may pabaong pangarap,
Na patuloy kong pagkukuhanan ng lakas.
At sa dulo't pagtatapos ng lahat ng ito,
Alam kong magiging maayos ang lahat.

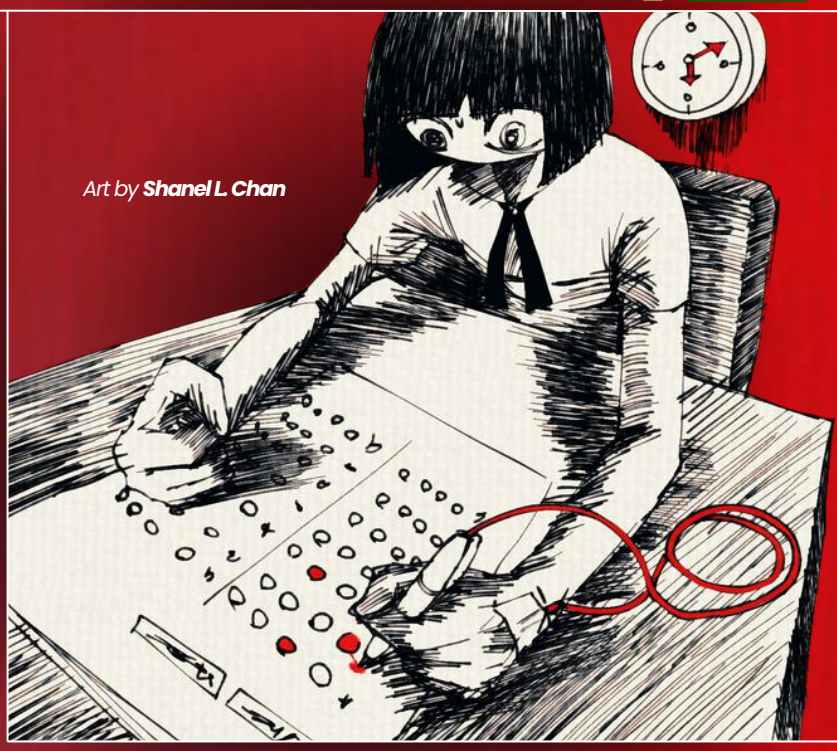
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literary 65

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Ni ***Florsorriso***



Art by ***Shanel L. Chan***

The room was silent, save for the rhythmic ticking of the clock on the wall. Dozens of students sat hunched over their desks, pens gliding over paper, some with desperate urgency, others with hesitant strokes. The air was thick with exhaustion, anxiety, and the unspoken understanding that this test—this single sheet of paper could make or break everything.

Lena sat among them, her fingers clutching her pen so tightly that her knuckles turned white. She could feel her heart pounding against her ribs, her pulse echoing in her ears like a war drum. Zero-based grading. The system that left no room for past victories, no space for mistakes. Every exam was a fresh start, but not the kind that brought relief. It was a reset, a ruthless one, where even a perfect score from before meant nothing.

She had spent nights drowning in notes and textbooks, her desk littered with coffee-stained pages, her eyes burning from hours of memorization. She whispered theories under her breath as she walked, recited formulas in the shower, tested herself in the dark when sleep refused to come. She had prepared. At least, she thought she had.

But now, as she stared at the first question, her mind was blank.

Her breath hitched. The words on the page twisted into an indecipherable mess. She knew this topic. She had solved problems like this a hundred times before. So why now, when it mattered most, was her brain failing her?

Panic clawed at her throat. Around her, students were writing—some hesitantly, others with furious determination. Time was slipping away, and every second wasted was a step closer to failure. She gritted her teeth. No. She couldn't freeze. She couldn't afford to.

Lena forced herself to inhale, then exhale, grounding herself. Think. She read the question again, slower this time, breaking it down like she had practiced. A spark of recognition flickered. There. That's the key. Her pen met the paper, and she began to write.

Minutes passed, then an hour. The room remained heavy with stress, the sound of scribbling never ceasing. Some students stole anxious glances at the clock; others bit their lips, rewriting their answers in a desperate attempt to perfect them.

Lena didn't look up. She didn't dare. One mistake could cost her everything. She checked her answers, once, twice, a third time, her mind racing through every possibility, every alternative. What if she missed something? What if she misunderstood the question?

But time had no mercy.

"Time's up," the professor announced.

A collective exhale filled the room as students hesitated before setting their pens down. Papers were collected, and the weight of the test settled onto everyone's shoulders. There was no relief, only the uncertainty of what came next.

Lena leaned back in her chair, her hands numb. She had done everything she could. But in a system where yesterday's efforts meant nothing, where one wrong answer could drag her to the bottom, she couldn't shake the fear coiling in her chest.

Would she rise, or would she be pulled down to zero?

She wouldn't know. Not yet.

But she would never stop fighting.

Pahid Kontra Init? Ang Pag-angat ng Sunscreen Kaalinsabay ng Init ng Panahon

/ BRENT MARCO M. CAMUS

Photo from **Cleveland Clinic**

Sa tindi ng init, ano pa kaya ang magagawa "to beat the heat?"

Sa katirikan ng sikat ng araw, karamihan sa mga mag-aaral sa loob at labas ng pamantasan ay may kanya-kanyang paraan upang pigilan ang init ng panahon. Mayroong nagpapaypay, mayroong may mga maliliit at umuugong na electric fan, at mayroon namang tila mga solar panel, na "chill" pa rin kahit mainit na ang panahon.

Napapawi man natin ang init na ating nararamdaman, hindi naman natin gaanong napapansin ang pangmatagalang epekto ng nagngangalit na sikat ng araw at ang Ultraviolet o UV rays sa ating mga balat. Kung matagal na mababababad ang isang tao sa ilalim nito, maaari itong magdulot ng sunburn, dry skin, hyperpigmentation at maging skin cancer.

Sa dinami-rami ng nabanggit ng panganib ukol sa init ng araw, mayroon din namang pangontra, o pananggalang dito. Hindi ito payong o kaya kupya, kundi sunscreen, na siyang patok na patok ngayon sa mga social media websites. Ang sunscreen na dating tinitingnan na para sa mga kababaihan lamang ay ginagamit na ngayon maging ng mga kalalakihan upang mapangalagaan ang balat sa mga bahagi ng katawang madalas na nabibilad sa araw, gaya ng braso, batok, mukha, at maging mga binti. Nakasama na ito sa skincare routine ng karamihan, dahil na rin sa dami ng benepisyo nito sa ating mga balat

Napupuno ang merkado lalo na ang ilang mga botika ng iba't-ibang mga tatak at uri ng *sunscreen,* pero may ilang mga bagay na dapat tandaan ang bawat isa sa paggamit nito. Una na riyan ay kung ang *sunscreen* ba ay mayroong proteksyon sa *ultraviolet A* at *B o UVA* at *UVB rays*. Ang mga ito ay ang dalawang uri ng ultraviolet rays mula sa araw na mayroong magkaibang epekto sa ating mga balat. Ang *ultraviolet A* o *UVA* ay ang sinag na mas tumatagos nang mas malalim sa ating balat, na maaaring umabot sa ating *dermis*. Ito rin ay kadalasang naiuugnay sa pagkakaroon ng wrinkles, sunspots, at premature aging ng ating mga balat. Ang *ultraviolet B* o *UVB* ay ang ikalawang uri ng UV ray na nakaaapekto sa *epidermis* o sa panlabas na *layer* ng ating balat, at ito ay kadalasang naiuugnay sa pagkakaroon ng *sunburns*. Bilang mga mapagmatyag at mapanuring konsyumer, ang pinaka-unang hinahanap sa mga sunscreen ay kung sila ba ay mayroong ibinibigay na proteksyon sa dalawang uri ng *UV rays* na ito, gaya ng mga sunscreen na mayroong *Broad-Spectrum Protection* at may mataas na *Sun Protection Factor o SPF*. Iminumungkahi sa mga baguhan at pati na rin sa mga dati nang gumagamit ng nasabing produkto na tingnan at suriin kung ito ba ay mayroong SPF 30 o higit pa, para sa mas mataas na proteksyon para sa ating mga pinaka-iniingatang balat.

Ikalawa, mas mainam kung ang mabibiling sunscreen ay water-resistant, upang hindi ito madaling humulas kung ikaw ay lalahok sa ilang mga pisikal na aktibidad, gaya ng pageehersisyo at paglangoy. Hindi magiging sulit ang nasabing produkto kung ito ay malulusaw kaagad, kaya naman iminumungkahi ang paghahanap sa mga water-resistant sunscreen, na kung maaari ay tatagal ng 40-60 minuto.

Ikatlo, dapat siyasatin natin ang nilalaman ng mga produktong ito, at iminumungkahing mas tangkilikin ang mga may kakaunting artipisyal na kemikal sa mga ito. Dahil tayong lahat ay may iba-ibang uri ng balat, maaaring maging iba rin ang maging reaksyon ng ating katawan kumpara sa iba, at ang magiging benepisyo sana ay baka mauwi pa sa perwisyo. Mas mainam kung tayo ay titingin sa mga mineral-based sunscreens, gaya ng zinc oxide and titanium dioxide.

Ang paggamit ng sunscreen ay hindi naman itinuturing na "need" para sa lahat, lalo na dahil ang karamihan sa mga ito ay medyo kamahalan at maaaring hindi kayang bilhin ng lahat. Hindi rin ito dapat gamitin dahil lamang sa ito ay nauuso o ginagamit ng karamihan. Ito ay rekomendasyon lamang upang mapangalagaan ang ating mga katawan, lalo na ang ating mga balat na siyang pinaka-unang mapapansin sa atin sa unang tingin. Mas mainam kung tayo mismo ay maagang magsisimulang ingatan at pangalagaan ang ating katawan mula sa init ng araw, dahil patuloy pa rin ang pag-init ng temperatura. Pamahid man yan o hindi, dapat tayo ay mayroong ginagawa to beat the heat.



Photo from **Jovie Urgent Care**

Sleep for Keeps: The Significance of Sleep on Students

/ BRENT MARCO M. CAMUS

A good night starts the day right.

Students give importance to their exams, activities, projects, and other academic-related tasks, especially during these times when the "zero-based" grading system is implemented across the whole university. The majority of the students do not even have enough time for a bit of slack just to accomplish their respective assignments or to study a hefty chunk of modules and learning materials. Even so, while there is no room for taking things the easy way, the room for getting a good night's sleep must be present.

Sleep may be a basic human need, but it is one of the necessities that we always sacrifice to accomplish something, not only by students in the academe but also by professionals in the industry. We all can afford to show up with puffy and panda eyes rather than miss out on an important, life-defining due date. But are puffy and panda eyes the only drawbacks of neglecting an adequate amount of sleep?

We may consider sleeping as our natural recharge time, the one thing that we all instinctively do when we feel that we are out of battery. To put it in simple terms, yawning is like the warning sign on our phone when it is running out of charge, and the charging phase itself would be the sleep on our part. Sleeping is our innate shutdown system, which boots us up for a fresh start the next morning. It also allows our body to naturally repair cells while releasing more hormones and proteins.

By taking a rest, we also become stronger, as the body strengthens our internal military, or the immune system, during sleep time to fight infections and prepare our body for future diseases. Getting an optimal seven to nine hours of sleep each and every night will give you a healthy heart while reducing the risk of getting diabetes and hypertension.

After repair and maintenance, sleeping also provides improvements on the aspects that we all want to develop: cognitive and memory functions. A sufficient and quality sleep is proven to significantly improve a person's learning abilities, which helps us to be able to organize the concepts and the lessons that we learn efficiently. Sleeping also helps us refine our problem-solving and decision-making skills, making sure that we are not confused and somnolent when deciding on important matters and taking our exams. Furthermore, sleeping also uplifts our mood, making us less grumpy and irritable when socializing with people. Talk about a total package without significant drawbacks; sleeping really does it all to kickstart our day.

Kidding aside, we, out of all the living organisms, must inherently know the importance of sleep in our lives. Sleeping is one of our keys to unlocking a healthy lifestyle, and it is free and accessible for all. Given the circumstances that we are in, whether as a student or not, we are all lucky and privileged if we can have a good night's sleep to start the next day right.

Photo from **Getty Images**

MPOX In: Baguio's First MPOX Case Recorded

/ BRENT MARCO M. CAMUS

Be alert and ready, for a deadly and contagious malady.



Photo from **Bombo Radio Baguio**

The Baguio City Health Services office confirmed its first Clade II MPOX (formerly Monkeypox) virus case this January, alarming the bells of the local health community for the possibility of another COVID-like pandemic. The patient was identified to be a 28-year-old male, who was put under complete isolation and was also proclaimed to be cured last January 17.

The MPOX virus is classified into two different categories: the Clade I and the Clade II variants. While both MPOX variants can be transmitted similarly, the former may prove to be more fatal and severe than the latter. Symptoms may include typical fever, chills, headaches, swollen lymph nodes, and a very characteristic blistering rash that can appear all over the body. While the symptoms may appear to be mild, the virus may induce fatality while infecting a whole community over a short period if not monitored properly.

According to the Department of Health (DOH), although the MPOX virus is originally transmitted from animals to humans, human-to-human transmission can be possible through direct physical contact with the skin and other activities like kissing, touching, and sexual engagement with the infected individual. Indirect transmission from bed sheets and clothes is also possible, which is why this disease is classified as a "global public health emergency" by the World Health Organization (WHO).

While only the less-deadly Clade II variant is recorded as of today, public awareness and vigilance are a priority for everyone. The case for the introduction of the Clade I variant is not ruled out if and only if proper hygiene and physical distancing were not practiced. Being too relaxed and carefree may lead to further harm, as we are all reminded by the DOH to practice safety measures to divert ourselves from serious consequences.



For Better or Worse: The Unseen Risks of Artificial Intelligence

/ FIONA VENTURA

Artificial Intelligence (AI) is revolutionizing industries at an unprecedented pace, reshaping how we work, communicate, and make decisions. From streamlining business operations to enhancing medical diagnostics, AI's potential seems limitless. However, beneath its promises of innovation lies a complex web of challenges that could have profound consequences for society. While AI offers remarkable advancements, its rapid development raises pressing concerns about ethics, security, economic stability, and human autonomy.

As AI continues to evolve, the risk of job displacement grows, threatening workers in industries ranging from manufacturing to customer service. Ethical dilemmas also emerge, as biased algorithms influence critical decisions in hiring, law enforcement, and financial services. Meanwhile, cybercriminals are leveraging AI to create advanced hacking techniques and deep fake content, escalating security threats worldwide. These issues highlight the need for responsible AI development to prevent unintended harm.

This will explore the hidden challenges of AI, shedding light on the darker side of this technological breakthrough. As we embrace AI's benefits, it is crucial to address its risks with proactive policies and ethical considerations. Only through a balanced approach—one that prioritizes fairness, security, and sustainability—can AI truly serve humanity without compromising societal well-being?

Workforce Displacement and Economic Disparity

A primary concern with AI is the displacement of jobs. As machines and algorithms become more advanced, they are increasingly replacing human roles in fields like manufacturing, customer service, and transportation.

Studies indicate that automation could lead to the loss of millions of jobs globally, particularly impacting low-skilled workers. Although new job opportunities may arise, they often demand specialized expertise that many displaced workers lack. This trend could contribute to heightened economic inequality unless proactive workforce training programs are implemented.

Ethical Issues and Bias in AI Systems

AI systems rely on vast datasets for training, but if these datasets contain biases, AI can perpetuate and even exacerbate them. For instance, facial recognition technology has shown higher error rates in identifying individuals from minority groups, raising concerns about fairness and discrimination.

Moreover, AI-powered decision-making in sectors like healthcare, law enforcement, and finance can present ethical challenges. Algorithms used in hiring, loan approval, and legal sentencing have exhibited biases against specific groups. Establishing transparent and accountable AI policies is essential to mitigate these risks.

Cybersecurity Risks and AI-Driven Cybercrime

While AI enhances cybersecurity, it also introduces new security challenges. Cybercriminals are utilizing AI to develop more sophisticated hacking techniques, making automated cyberattacks more prevalent.

Deepfake technology, which utilizes AI to create hyper-realistic fake videos and audio, presents another significant risk. Misinformation campaigns, identity theft, and election interference using deep fake content can manipulate public perception and cause serious damage. As AI continues to evolve, countering AI-powered cyber threats remains a major concern for security professionals.

Erosion of Human Oversight and Autonomy

The growing integration of AI in decision-making processes raises concerns about diminishing human control. Autonomous AI systems, such as self-driving vehicles and automated weapons, present ethical and safety dilemmas. A malfunction or unintended action in such systems could result in disastrous consequences.

Furthermore, over-reliance on AI in crucial fields like medical diagnostics, legal systems, and financial operations highlights the need for human oversight. Mistakes in AI decision-making can have severe implications, underscoring the importance of maintaining a balance between automation and human intervention.

Environmental Consequences of AI

The expansion of AI technology requires extensive computing resources, leading to increased energy consumption. Data centers that power AI applications consume substantial electricity, contributing to higher carbon emissions. The environmental footprint of AI-driven industries raises concerns about long-term sustainability.

Efforts are underway to develop more energy-efficient AI systems, but finding a balance between technological progress and environmental responsibility remains a critical challenge.

Despite AI's transformative potential, its negative impacts must be carefully addressed. The risks of job loss, ethical biases, security vulnerabilities, and environmental effects highlight the importance of responsible AI development. Implementing ethical guidelines, formulating equitable policies, and ensuring AI serves humanity without compromising security, fairness, or sustainability are crucial steps for the future.

Collaboration among policymakers, researchers, and industry leaders will be vital in shaping an AI-driven world that benefits society while minimizing potential harm.

*Photo from **Scienttific American***

Patuloy na Pagtindig: Posibilidad ng The Big One sa Pilipinas

/ BRENT MARCO M. CAMUS

Kung walang yayanig, wala rin bang titindig?

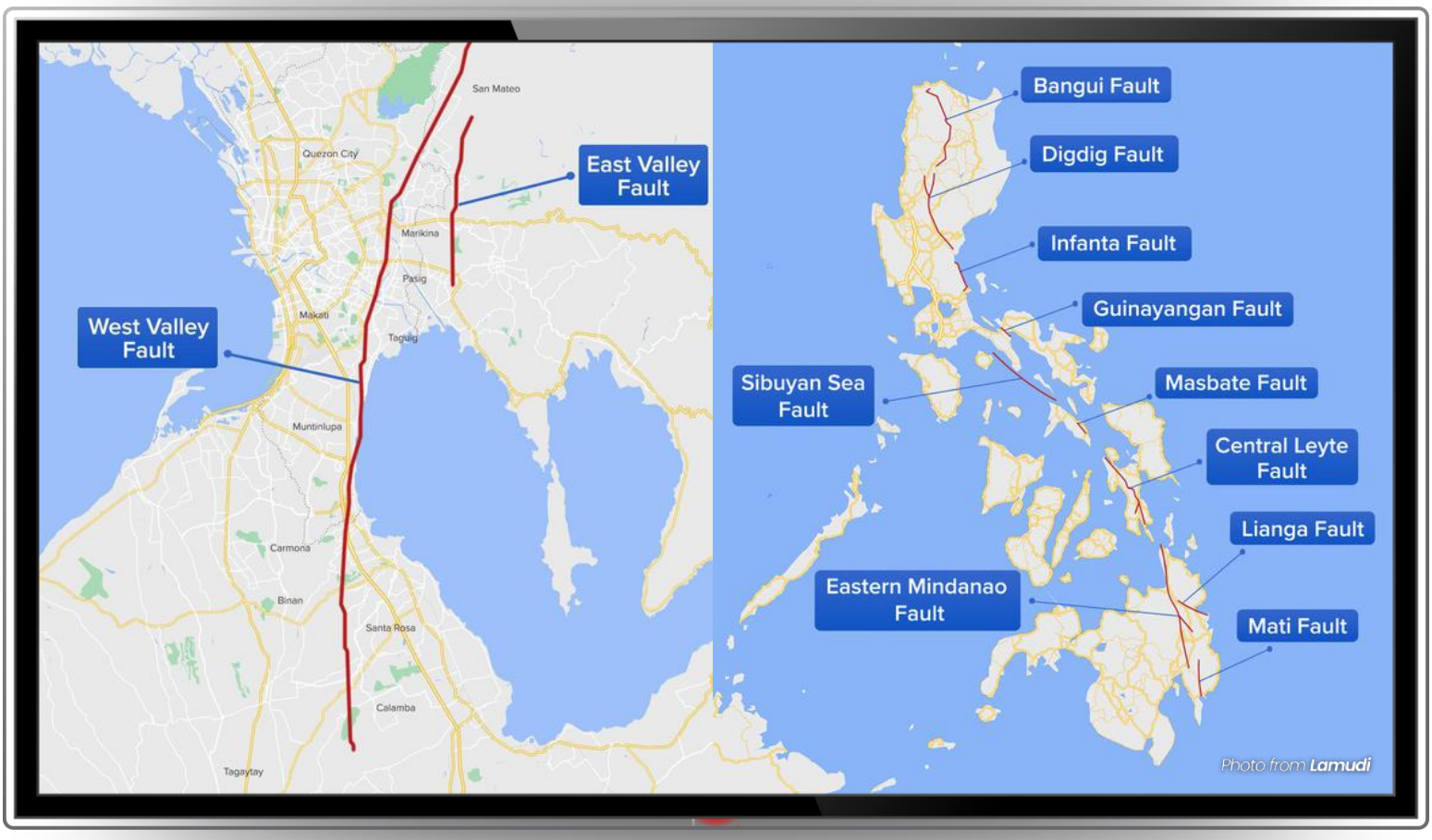


*Photo from **Lamudi***

Laman ng balita kamakailan ang yumanig na magnitude 7.7 na lindol sa Myanmar at Thailand, na naging dahilan ng pagkasawi ng halos 1600 katao sa mga nabanggit na bansa. Idagdag pa rito ang malawakang pagkasira ng iba't-ibang gusali, tulad na lamang ng 30-storey skyscraper sa Thailand. Dahil sa tindi ng pinsala ng lindol na ito, naalarma ang ilang mga karatig na bansa, gaya na lamang ng Pilipinas, sa kung ano nga ba ang bitbit na panganib sa loob ng Pacific Ring of Fire.

Ang Pacific Ring of Fire ay isang sona sa Karagatang Pasipiko na napaliligiran ng 75% ng bulkan sa buong daigdig. Ito ang nagiging dahilan ng madalas na *seismic activity* o paglindol sa mga bansang napapaloob dito, gaya ng Pilipinas, Japan, Indonesia, Taiwan, at iba pa. Dahil dito, ang karamihan sa mga taong nakatira sa mga nabanggit na bansa ay tila sanay na sa mga sakunang tulad nito, lalo na ang mga Pilipino, na sinasalubong din ang halos dalawampung bagyo kada taon.

Ang isang tanong ngayon para sa Pilipinas ay kung handa na ba ang bansa sa posibilidad ng pagtama ng *The Big One?* Hindi dahil "sanay" na ang mga Pilipino sa mga natural na sakuna gaya ng bagyo at lindol ay dapat na nating ipabahala na lamang sa tadhana ang ating magiging kapalaran.



Ayon sa inilabas na World Risk Report noong Setyembre 2024, ang Pillipinas ang may pinakamataas na risk o panganib sa pagtama ng mga extreme natural events and climatic threats, kung saan tayo ay nagtala ng 46.91 points, na medyo malayo kumpara sa 41.13 ng Indonesia. Ang naging batayan ng mga talang ito ay ang frequency o kalimitan ng mga likas na sakuna gaya ng lindol, bagyo, tsunami, at pagbaha sa isang bansa.

Nagtutugma ang mga istatistikong tala at ang mga nakaambang panganib sa posibilidad ng pagtama ng The Big One sa bansa. Ang The Big One ay ang inaasahang isang malawakan at matinding lindol na magmumula sa paggalaw ng West Valley Fault. Ito ay isang malaking fault line na umaabot mula sa Marikina, Quezon City, Pasig, Taguig at Muntinlupa. Ang paggalaw nito ay inaasahang magdudulot ng nakapamiminsalang magnitude 7.2 na lindol na makaapekto sa buong Metro Manila, Bulacan, Cavite, at Rizal. Dahil sa tindi ng inaasahang pinsala nito, naglulunsad ang Department of Science and Technology - Philippine Institute of Volcanology and Seismology o DOST-PHIVOLCS ng kabi-kabilang Nationwide Simultaneous Earthquake Drill o NSED, na inaasahang magaangat sa kahandaan ng bawat Pilipino, sa pamamagitan ng pagtuturo ng mga tamang hakbang sa oras ng lindol.

Sa kabila nito, marami pa ring mga Pilipino ang mababa pa rin ang antas ng kamalayan sa kung ano ang dapat gawin sa posibilidad ng pagtama ng The Big One. Maaaring nagiging sapat nga ang ginagawang preparasyon ng PHIVOLCS at iba pang departamento ng pamahalaan, ngunit hindi naman gaanong napagtutuunan ng pansin ang implementasyon, gaya na lamang ng nabanggit ni Office of Civil Defense Spokesperson Chris Bendijo sa isang panayam. “We believe that our compliance needs to improve, such as in the issuance of building or occupancy permits, the LGUs need to make sure that the plans submitted conform with the building code,” aniya.

Bilang mga iskolar ng bayan na tinaguriang pag-asa ng bayan, tayo mismo ang may sapat na kaalaman upang tumindig at magpaalam sa masa sa kung ano ang mga hakbanging dapat gawin sa oras ng sakuna. Ang simpleng pagpapaalala sa paghahanda ng sapat na emergency supplies gaya ng bigas, de lata, tubig, at iba pa. Ang pagtuturo rin ng duck, cover, and hold ay isang malaking hakbang na sa paghahanda ng mga tao sa oras ng sakuna. Tandaan na ang ating sariling kaalaman ang siyang magiging pundasyon ng ating pagtindig, upang hindi tayo ang mayanig sa panahon ng kalamidad.



Photo by **Hans Angelo Bosi**

College of Science bags 5th runner-up in BulSU Palarong Pampamantasan 2024

/ ALLYSSA CHERLIZE SANTOS

After an intense five-day Intramurals, the Palarong Pampamantasan 2024 comes to an end, as Bulacan State University officially closed the Palarong Pampamantasan week, with a ceremony filled with pomp and circumstance honoring the efforts, strength and ardent performances not just of athletes but also the respective colleges who gave its full support during the intramurals.

CS Green Wizards ended its Palaro campaign with a strong comeback as they claimed the 6th spot in the overall rankings.

Tallying a total of 30 medals, with 16 Gold, 6 Silver, and 8 Bronze, the Wizards bounced back from placing 16th in last year's Palarong Pampamantasan, a splendid performance filled with will and determination which hone the skills and heart of every student athlete.

As the CS geared up for the pinnacle of the moment, the five-day run of sport, athleticism, and teamwork came to its finish line. All the hard work paid off, from tryout season, training, tourney, until the end.



Photo by **Czamantha Nicole Gonzaga**

Lumangoy sa Medalya: Tagumpay ang CS Green Wizards Swimming Team na Mag-uwi ng mga Ginto

/ BRYLLE JACOB LABANG

Umaga ng ika-16 ng Oktubre sa Bulacan Sports Complex ay itinuloy ang Swimming Event para sa Palarong Pampamantasan 2024 ng Bulacan State University.

Wala pa ring pinagbago dahil wagi pa rin ang CS Green Wizards na manalo sa mga swimming events. Sa 100 m Backstroke Women's, nakuha ng representante ng CS na si Angel Uriane ang ginto. Sinundan agad ito ng dalawa pang ginto ni Shiann Flores sa 100 m at 50 m Breaststroke Women's.

Bigo man ang Green Wizards sa 4 x 50 Freestyle Relay Men's, naibawi naman sila nina Angel Uriane, Shiann Flores, Trisha Aguinaldo, at Yuuka Nomura sa 4 x 50 Freestyle Relay Women's na nag-uwi ulit ng ginto para sa CS.

Samakatuwid, kung noong ika-15 ng Oktubre ay may 5 medalya ang CS Swimming Team, ngayon ay nadagdagan ito ng 4 na gintong medalya. Panalo sa 9 na swimming events ang CS pero kung bibilangin din ang indibidwal na medalya ay aabot sa 18 ang bilang ng mga ito.

Higit pa rito, tinanghal rin si Shiann Flores bilang isa sa dalawang Most Outstanding Swimmers, kasama ng isang manlalaro mula sa Kolehiyo ng Eduksyon. Ang buong CS Swimming Team naman ay kinilalang Overall 1st Runner-Up sa Swimming Events ng BulSU Intramurals 2024.



Photo by **Czamantha Nicole Gonzaga**


Photo by **Hans Angelo Bosi**

CS Green Wizards Men's Volleyball Team Places Themselves in 4th Place

/ QUEENIE IRISH O. QUIRAY

October 17-18, 2024 - The Green Wizards men's volleyball team falls short of the bronze medal against the Bustos Double-Headed Eagles during the Battle for Third at the BulSU Activity Center, despite winning two consecutive intense battles between the Sarmiento Stars and CCJE Lex Libras last October 17, 2024.

Alongside the flawless attacks, blocks, and receptions of the men's volleyball team, the rhythmic beating of drums and loud cheers from the College of Science community filled the air as the team set their foot onto the battlefield.

In their matches, CS faced the Sarmiento Stars and won 2-1; with set scores of 25-21 loss in the first set, followed by victories of 25-22 in the second set, and a nail-biting 15-13 win in the final set. In the quarterfinals, CS triumphed a 2-1 win against the CCJE Lex Libras, winning the first set with a 25-14 score, losing the second set with a 25-17 score, and then clinching the final set 15-7.

"Super excited... parang wala na ngang kaba, e, kasi mas naging solid kami as a team. So good luck na lang sa lahat ng team na lalaban," said Neil Delgado, the team captain of the CS Green Wizards men's volleyball team, after winning two consecutive battles.

Unfortunately, during their match against the CHTM Tigers, the Green Wizards suffered a heartbreaking 1-2 loss, winning the first set 30-28 but losing the next two sets 25-22 and 15-11.

However, the CS men's volleyball team faced and fell short against the Bustos Double-Headed Eagles in the Battle for Bronze. The team was defeated in two sets, both with a final score of 25-16.

Despite their grit and determination, the CS Green Wizards were unable to secure a spot on the podium.

"At the end, ang mahalaga ay maging masaya. Kahit tambak man, maging masaya lang kayo kasi ayun naman ang goal natin," their faculty coach, Sir Nicolas, said.

Despite not winning the battle for bronze, the team and the CS community celebrated the College of Science's achievement of the Men's Volleyball team, placing 4th among other colleges.


Photo by **Marc Christian Lunas**



CS Green Wizards, nakamit ang unang medalya sa Chess Tourney

/ ANEL BARJA

Tagumpay ang College of Science (CS) Green Wizards Chess Men's Teams sa pagkubra ng bronze medal sa ginanap na Chess Tournament noong Oktubre 17, sa University Hostel, bilang bahagi ng Palarong Pampamantasan 2024.

Baon ang galing sa pagdepensa at solidong mga atake, naipon ng CS Green Wizards Men's Chess Team ang 19 puntos at 9 match points sa pitong rounds na naganap mula Oktubre 15.

Sina John Lor Daguyos (BSM CS 2B) at Richard Nico D.N. Bernabe (BSM CS 4A) ay nagtala ng tig-5 puntos, at ang kanilang marka ang may pinakamalaking ambag sa kabuuang iskor ng grupo.

"Siguro, ano like masaya naman, yung preparation kasi personally, hindi ganon ka-prepared pero ayon, nakakuha pa rin ng place kahit na ganon, masaya ako kasi bandang huli na swept namin at nakuha yung third place," pahayag ni Richard Nico Bernabe (BSM CS 4A).

"We all felt fulfilled and overwhelmed po kasi super competitive ng ibang mga colleges at yung mga players namin first time lumaro sa intrams kaya medyo kabado rin po kami. Tapos nung nalaman po namin na nagthird place po kami, sobrang saya po, sobrang fulfilling po talaga sa pakiramdam kasi first time po magkaroon ng placement ng CS sa Chess po and sobra din naman po kaming nag-effort kaya tingin po namin deserve naman po naming manalo," dagdag ni Roi Terrence Jose (BSM CS 3B), miyembro ng CS Green Wizards Chess Men's Team.

Samantala, ang CS Green Wizards Women's Chess Team naman ay nagtala ng kabuuang 10 puntos at 6 match points na siyang naging dahilan upang masungkit nila ang ika-12 na pwesto sa kabuuang kompetisyon.

Bigo mang makakuha ng medalya, ipinakita pa rin nila ang pagiging mautak at matalino sa paglalaro ng nasabing paligsahan.

"During the game, ang naiisip ko lang is focus and enjoy since first time and gawin yung best as long as I can kasi since nasa board 1, nahihirapan ako sa mga nakakalaban ko, every game is ineenjoy ko lang and ginagawa ko lang yung best ko. Siguro with the help of my teammates, kapag may mali ka, andon sila para tumulong sayo para maitama yung mali and sila rin yung naniniwala na kaya mo," ani Mirth Gem Cujardo (BSES-CCDM 1A), miyembro ng CS Green Wizards Women's Chess Team.

"As a newbie chess player na sobrang kabado kasi hindi talaga marunong pa, siguro yung tumatakbo talaga sa isip ko mainly nung naglalaro ay yung thought na take your time kasi kapag minadali mo mapepressure ka tapos posible rin na matalo kaagad, kaya sulitin yung oras na mayroon ka, then yung kaba nahandle ko naman kasi kalma lang dapat, kumabaga sabi ko 'Lord, ikaw na bahala sa laro na 'to," dagdag naman ni Ilona Roque (BSB 3A).

Green Wizards enter magic 8, display good runs in athletics events


Photo by Czamantha Nicole Gonzaga

/ MICHAEL ANGELO POLICARPIO AND LEXIE ALFONSO

Bulacan Sports Complex, October 15-16, 2024 - College of Science (CS) Green Wizards players, Ruzzel Domingo (BSM BA 3A) and Ella Joson (BSB 4A), entered magic eight in the elimination round of 100m (Men's) and 1500m (Women's), respectively during the first day of athletics events.

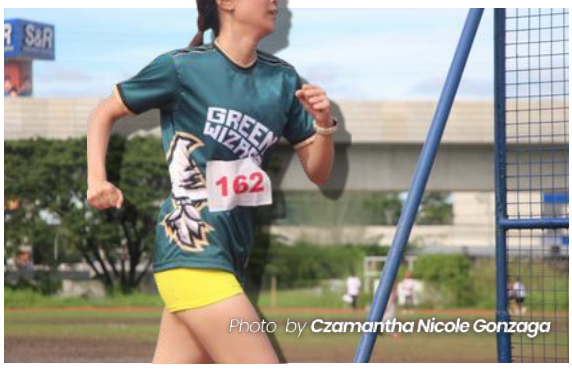
In the thrilling final round, Domingo and Joson showcased impressive speed but fell short, both earning 6th place.

On the second day, Joson once again displayed a burst of speed in the 3000m, falling just short, securing 4th place.

However, the Green Wizards fell short in other athletics events, finishing unplaced.

Despite failing to grab a podium spot in any of the events, the CS Green Wizards did not go down without a fight. "Nag-enjoy naman kaming lahat. Kahit talo, alam namin na binigay pa [rin] namin 'yung best namin," said Ruzzel Domingo when he shared his thoughts about the outcome of the competition.

Similar to Domingo, the CS Athletics student coach, Orbanito Dizon, stated that all their players gave their all to give opponents a good fight: "It was a great fight. We'll come back stronger next year.


Photo by Czamantha Nicole Gonzaga

THE GREEN WIZARDS WERE REPRESENTED BY THE FOLLOWING PLAYERS:

WOMEN'S CATEGORY

LONG JUMP - XYLYN FRANCISCO
100 M - XYLYN FRANCISCO, ASHLEY LIWANAG
200 M - CLARIZA SANCHEZ, SARAH TUBAY
800 M - JIEN PABILLO
1500 M - ELLA JOSON
3000 M - ELLA JOSON
4X100 RELAY - ASHLEY LIWANAG, SARAH TUBAY, JIEN PABILLO, CLARIZA SANCHEZ

MEN'S CATEGORY

LONG JUMP - KEITH YABUT, JUSTIN MANALO
SHOT PUT THROW - DANIEL CHESTER VALENCIA
JAVELIN THROW - DANIEL CHESTER VALENCIA
100 M - RUZZEL DOMINGO, JUSTIN MANALO
200 M - RUZZEL DOMINGO, ROI GERALDEZ
800 M - RUZZEL DOMINGO, KEITH YABUT
1500 M - KEITH YABUT
4X100 RELAY - ROI GERALDEZ, KEITH YABUT, RUZZEL DOMINGO, JUSTIN MANALO
MEDLEY RELAY - JUSTIN MANALO, RUZZEL DOMINGO, KEITH YABUT, ROI GERALDEZ

The Green Wizards did not have representatives in the 5000m and Triple Jump.

The Official Student Publication of the **College of Science**

Volume 02 Issue 01 **AUGUST** 2024 TO **MAY** 2025

sports 75



Quick Moves, Big Wins: Tetris Battle Champions Crowned

/ FIONA VENTURA

Photo by **Chester Daniel Valencia**

The CS Week's Tetris Battle, held on December 10, 2024, at FH 205, proved to be a cerebral showdown as players combined speed and spatial awareness to gain the upper hand.

With quick reflexes and sharp strategies, Umbria emerged victorious, showing why they are a powerhouse in both virtual and physical competitions. Solaria gave a valiant effort to secure 2nd place, with Azuria not far behind, finishing 3rd. Amoria, despite early struggles, claimed the 4th spot and gave fans a performance to remember.

The event was a reminder that Tetris, while seemingly simple, demands critical thinking and composure. Umbria's triumph further cements its reputation for excelling across multiple events in the tournament.



Photo by **Vince Aaron Polintan**

Golden Win for Azuria in CS Week Volleyball Games

/ SHYLELUCK PUNZALAN

Golden Win for Azuria in the CS Week Volleyball games
Azuria bags the championship during the Volleyball games at the CS Week on December 11, 2024.

The CS Week saw a fiery volleyball battle between the four teams. Azuria manifested their prowess as they aced all games in the Men and Women category, ensuring them a champion win.

Amoria owned the first place, painting the court pink. While the second and third place was from Umbria and Solaria, respectively.

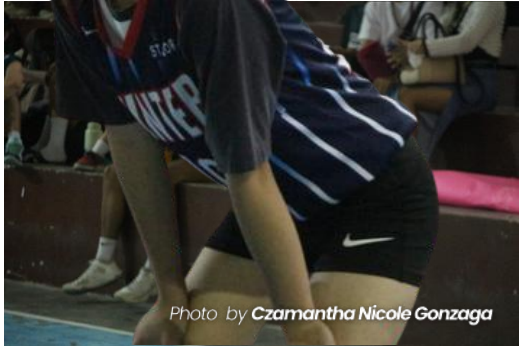


Photo by **Czamantha Nicole Gonzaga**

Volume 02 Issue 01 **AUGUST** 2024 TO **MAY** 2025

The Official Student Publication of the **College of Science**



Photo by **Eirah Marzielle Marcelo**

Jump High, Catch Far: Mangku Reveals Its Game Winners

/ KAYE CASSANDRA CRUZ AND CHRISTINE MONTINO

The third day of the CS Week celebration kicked off with the much-awaited Laro ni Mangku competition. Held last December 12, the Green Wizards stormed the BulSU Activity Center to support their players as they aim to win the game.

The competition featured fun traditional Filipino games such as tug of war, sack race, Chinese garter, ten-twenty, and egg-catching. The four teams of Azuria, Umbria, Solaria, and Amoria showcased their unique set of skills and talent as they made their way to the gold.

For the tug of war, the men showed off their strength as they started the game. And the results of the games are as follows: since Umbria's team did not show up, Amoria won by default,

Azuria got the silver, and Solaria won the gold.

Meanwhile, the Women's tug of war did not back down as they entered the grounds full of pride. And the results of their unity to pull the rope are: Solaria got the bronze, Amoria received the silver, and Azuria tugged the gold.

As the tug of war concluded, the players of the Chinese garter prepared for their game. The first fight for the highest jump featured the teams of Umbria and Azuria, with both teams being able to pass through the level 10: above the head, Umbria was declared the winner. However, in a rematch later on, Azuria bagged the win. For the second fight, Solaria won against Amoria as one of their players was able to jump through the highest level. The two winners competed for the gold, and Azuria was declared the champion; Solaria got the silver, while Umbria was awarded with bronze.

The exciting and fun games continued as the egg-catching game began. With two rounds, men and women representatives from each team battled as they caught the gold through the eggs in the air. For the men's team, Umbria got the bronze, Solaria and Amoria bagged the silver, and Azuria won the gold. For the women's team, Solaria achieved the bronze, Umbria claimed the silver, and Amoria captured the gold.

For the sack race, team Amoria was declared the champion, with Umbria and Azuria in 1st and 2nd place, respectively. And for the twenty-twenty game, each team hopped their way in as they counted from ten to one hundred. Umbria jumped for bronze, Solaria reached for silver, and Azuria flew towards the gold.

The Laro ni Mangku competition concluded with a blast as each contender showcased their incredible skills in these traditional games as they brought back reminiscence with each usual Filipino game.



Photo by **Ainery Dizon**



Umbria Dominates Women's MLBB

/ *MICHAEL ANGELO POLICARPIO*

The Umbria team dominated the Women's Mobile Legends Bang Bang (MLBB) Games as part of the College of Science (CS) Week Celebration, held via Discord on Wednesday, December 11.

The battle was between Solaria and Umbria; and Azuria and Amoria for the preliminary games where Umbria and Amoria's solid game plays earned them spots for the battle for gold.

Meanwhile, the two losing teams Solaria and Azuria then competed in the battle for bronze where Azuria secured the third place, leaving Solaria unplaced.

Both Umbria and Amoria are eager to prove their dominance in the battle for gold. The match was a tactical masterpiece, with Umbria demonstrating remarkable control and strategic rotations.

Despite their best efforts, Amoria was unable to outmaneuver Umbria. With flawless execution, Umbria emerged victorious, 2-0, securing the gold medal, while Amoria took the silver.
Leslie Ann Garcia of Umbria was awarded the Most Valuable Player (MVP).


Photo by ***Andrew Detalo***

Smashes and Strategies: Champions Crowned in Badminton Tournament

/ *FIONA VENTURA*

Held on December 11, 2024, at the Activity Center, the badminton competition of this year's CS Week delivered high-energy matches that thrilled audiences from start to finish.
The Men's Singles event saw Amoria rise to the top with precise smashes and tactical gameplay. Umbria secured the 1st runner-up spot, while Azuria followed closely, claiming 2nd runner-up.

The badminton matches showcased not only physical prowess but also mental discipline. With victories across categories, Solaria and Amoria emerged as the day's standout contenders.


Photo by ***Andrew Detalo***


Photo by ***Andrew Detalo***

Umbria Clinches Gold in Women's Basketball Game

/ *MICHAEL ANGELO POLICARPIO*

The Umbria team emerged victorious in the recently concluded College of Science (CS) Week 3x3 Women's Basketball Game, held at the Activity Center on December 10.

The event had the brackets set for Umbria against Solaria and Amoria against Azuria competing for the preliminary games. The winners of each game would then go head-to-head for the gold, while the losers would compete for bronze.
Umbria started the game with victory after beating Solaria in the first game with the final score of 8-2, advancing to the battle for gold.

Meanwhile, Amoria advanced by default to the battle for gold after Azuria failed to field a team.
This left Solaria in third place by default, setting them up to compete for bronze against the player-less Azuria.

The Umbria ladies closed the match by outsmarting Amoria in the final game, 7-4, clinching the gold and silver, respectively.
The winners of the event were awarded during the CS Week closing ceremony on Thursday, December 12.


Photo by **Andrew Detalo**

Amoria humampas sa kampeonato

/ CHRISTINE MONTINO

Dala ang kani-kanilang raketa, nagpasiklaban ng galing sa paghampas sa Badminton Mixed Doubles ang apat na team ng CS na Amoria, Azuria, Solaria, at Umbria sa Activity Center, Disyembre 12, 2024.

Ang unang nagtapat ay ang Amoria at Solaria kung saan talo ng tatlong puntos ang Solaria sa iskor nitong 28 laban sa 31 ng Amoria.
Sa sumunod na laban naman ay hindi hinayaan ng Azuria na makalapit ang Umbria. Nasungkit ng Azuria ang panalo sa iskor na 31-20.

Sa sumunod na laban naman ay hindi hinayaan ng Azuria na makalapit ang Umbria. Nasungkit ng Azuria ang panalo sa iskor na 31-20.

Sa labanan para makuha ang tanso, dumidikit ang mga iskor ng Umbria at Solaria na 3-3, hanggang sa nagsunod-sunod ang paghampas ng Solaria at naging 28-15 ang scoreboard, lamang ang Solaria. Sa huli, tinapos nila ang laban sa iskor na 31-19, pabor sa Solaria.

At sa pinakaaabangang laban para sa ginto, kinuha agad ng team Azuria ang unang set sa iskor na 21-11. Sa ikalawang set ay tumindi ang labanan dahil inagaw ito ng Amoria sa iskor na 21-17. Sa huling laban, dikit pa ang iskor sa umpisa hanggang sa hindi na kayang makahabol pa ng Azuria sa tindi ng pagpalo ng Amoria at natalo sa iskor na 15-8.
Sa huli, ang Amoria ang nagwagi biglang kampeonato sa Badminton Mixed Doubles.


Photo by **Czamantha Nicole Gonzaga**

Azuria Triumphs in Women's Volleyball, Claims First Place

/ LEXIE ALFONSO

The Women's Volleyball Event of this year's CS Week delivered an action-packed day of matches, intensifying the heat inside the BulSU Activity Center on Wednesday, December 11, 2024.

The volley event started with a match between Amoria and Solaria. After a hard-fought 2-1 set win, Amoria emerged as the victorious team. The two groups exchanged momentum throughout the game, but Amoria's strong defense and precision attacks ultimately gave them the edge, securing the win and setting the stage for the rest of the day.

Moving on to the second game, Azuria faced off against Umbria. With dominating spikes, sets, and defense, the team of Azuria prevailed with a commanding 2-1 set win. This win allowed Azuria to advance to the long-awaited Battle for Gold against Amoria.

In the Battle for Bronze, Solaria battled against Umbria for third place. Despite commendable efforts from the women of Solaria, Umbria's resilience allowed them to snatch the match, ending their journey on a high note with a bronze medal.

Finally, the Battle for Gold took place, with Azuria facing off against Amoria in a five-set thriller that had the crowd on the edge of their seats. After splitting the first four sets, Azuria and Amoria entered the decisive fifth set, where Azuria ultimately prevailed with a nail-biting 15-11 win. The gripping final set was a true test of endurance, with Azuria's composure in the clutch moments securing their victory and the gold medal.



Precision and Power Champions Emerge in Table Tennis

/ FIONA VENTURA AND ANEL BARJA

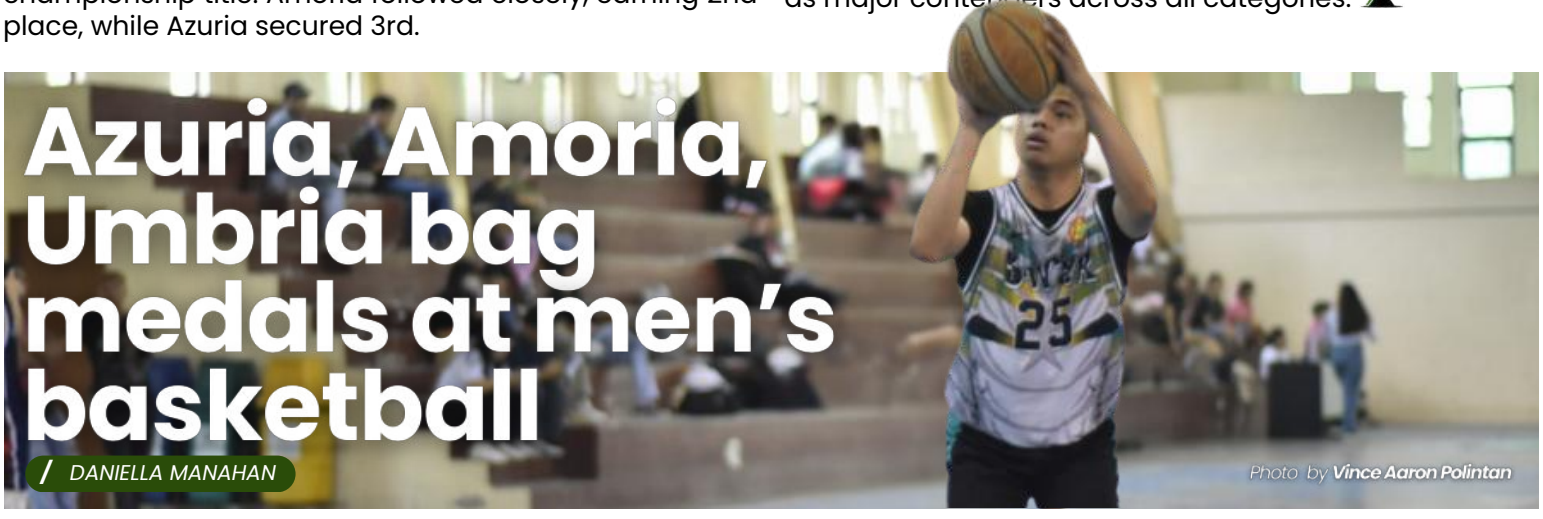
Photo by **Vince Aaron Polintan**

The Table Tennis tournament, which took place on December 11th, 2024 at Federizo Hall, was a thrilling spectacle of skill, speed, and mental focus. In the Women's Singles division, Amoria emerged as the champion after an intense showdown. Solaria fought hard to secure the 1st runner-up position, while Azuria claimed 3rd place.

In the Men's Singles category, Umbria showcased outstanding dominance and sharp reflexes to clinch the championship title. Amoria followed closely, earning 2nd place, while Azuria secured 3rd.

For the Mixed Doubles Division, Umbria showcased their skill in hitting and swinging their rackets to catch the gold medal in the tournament. They were followed by Azuria, who also fought hard to secure the 1st runner-up spot, while Solaria earned second place, and Umbria ultimately brought home third place.

The Table Tennis events highlighted both individual and team excellence, with Umbria and Amoria standing tall as major contenders across all categories.



Azuria, Amoria, Umbria bag medals at men's basketball

/ DANIELLA MANAHAN

Photo by **Vince Aaron Polintan**

The men's 5x5 basketball tourney for the celebration of the College of Science (CS) Week concluded with Azuria taking gold, followed by Amoria with silver and Umbria with bronze on Wednesday, December 11, at the BulSU Activity Center.

The tournament consisted of four games, of which two were preliminary and the other two were battles for gold and bronze.
Amoria and Umbria went head-to-head in the first game, where the former team triumphed with the final score of 51-45, securing their seat in the game for gold.

Game 2 had the duel of Azuria and Solaria, each aimed at the last seat for the final game, which
Azuria took over with successful throws and presented a final game score of 60-37.

Solaria and Umbria faced off in the game for bronze, in which the latter team struggled with retaining dominance of the game amid the third quarter with 34-29 in favor of Solaria but managed to clinch third place after securing a final 45-42, leaving Solaria unplaced.

Winners from Games 1 and 2 contended for gold by exchanging defenses on the court; however, Azuria's consistent lead left Amoria to settle for silver with the final scores of 19-6, 34-19, 44-24, and 65-37.

Additionally, Josh Francisco from Azuria was named as the event's Most Valuable Player (MVP).

The medalists were awarded at the closing ceremony of the Green Wizards week on Thursday, December 12.

Ariba Green Wizards: CS Green Wizards, nakilahok sa SCUAA 2025, humakot ng medalya



/ ALLYSSA CHERLIZE SANTOS

Matagumpay na karera ang naging resulta ng nagdaang State Colleges and Universities Athletic Association (SCUAA) na nilahukan ng Bulacan State University Gold Gears noong February 22 - 28, 2025, na kung saan ginanap sa Pampanga State Agricultural University (PSAU).

Namayagpag ang CS Wizards na kabilang sa iba't ibang larangan ng isports, tulad ng swimming, athletics, badminton, volleyball, basketball, at taekwondo, matapos na makapag uwi ng medalya sa bawat kategorya. Gayunpaman, hindi man pinalad sa larangan ng esports ay taas noo pa rin na iwinagayway ng mga mag - aaral ang pangalan ng BulSU sa naturang palaro.



Nagkamit ng isang gold at tatlong bronze medal si Shian Eunice N. Flores (BSB 1B) sa kategorya ng swimming, habang si Mark Aldwin F. Alquino (BSM AS 3A) ay humakot ng tatlong ginto at isang bronze medal sa athletics. Tagumpay na palo para kay Rein Jazerine E. Guese (BSB 4B) matapos na mag uwi ng gintong medalya para sa larangan ng Badminton. Tagumpay din ang hatid ni Jere - net E. Lombos (BSB 1B) matapos magkamit ng ginto sa volleyball, habang si Jewely Gatchalian (BSM BA 4A) naman ng basketball ay nagpamalas ng matinding puso matapos makapag uwi ng silver. Sa isport na taekwondo ay kahanga hangang resulta ang ibinigay ng Green Wizards matapos na makamit ni Jiane Kelvin Robles (BSFT 2B) ang medalyang bronze at silver naman para kay Raven Bryan Mondia (BSM CS 3A). Hindi man nakapag uwi ng medalya ay buong lakas at determinasyon ang ipinakita ni Angel Marianne A. Urian (BSMT 1A) matapos magtala ng ikaapat at ikaanim na pwesto sa swimming, habang sina Leslie Ann S. Garcia (BSM CS 3B) at Keith Wilson David (BSMT 3A) ay pinatunayan na pagdating sa larangan ng esports ay masasabing hindi lang sa palakasang pisikal magkikipagtagisan ang isang Green Wizard kundi ito rin ay may kakayahang makipagsabayan sa makabagong uri ng palakasan.



EPISODE 1: PAMPALAKASAN SERYE 2024: Siyensa at Lakas CS Green Wizards! Ipakita mo kung sino ka!

Sa pagsisimula ng unang araw ng Panlarong Pamantasan 2024, halina't samahan ninyo kami upang tunghayan at kilalanin ang galing at lakas ng mga manlalaro ng 3 x 3 Men's Basketball ng CS Green Wizards.

Produced by
Miles Juan, Eirah Marzielle Marcelo, John Charles Bartolome, Gerald Yambao, and Queenie Irish Quiray

Scan here for full episode!



EPISODE 2: PAMPALAKASAN SERYE 2024: Siyensa at Lakas Tatakbo, tatalon, isisgaw ang Let's Go CS!

Sa ikalawang araw ng Palarong Pampamantasan 2024, samahan at tunghayan ang atletiks team ng CS Green Wizards at masdan ang kanilang bilis at tibay sa bawat hakbang!

Produced by
Eirah Marzielle Marcelo, Chester Daniel Valencia, John Charles Bartolome, Aaliyah Trizzia Mhay Untalan, and Fiona Ventura



EPISODE 3: PAMPALAKASAN SERYE 2024: Siyensa at Lakas pati sa tubig, staying fresh at unstoppable ang CS Green Wizards!

Sa ikatlong araw ng Palarong Pamantasan 2024, kilalanin ang mga manlalangoy ng swimming team na hindi nagpapatalo—handang sumabak at magwagi!

Produced by
Miles Juan, Daniella Manahan, John Charles Bartolome, Gerald Yambao, and Fiona Ventura



EPISODE 4: PAMPALAKASAN SERYE 2024: Siyensa at Lakas Sa init ng buhangin at araw, mas mainit ang laban ng CS Green Wizards Women's Beach Volleyball Team!

Sa ikaapat na araw ng Palarong Pamantasan 2024, tara at sumama sa bawat spike, block, at dive mula sa ating sand court warriors na handang ibigay ang lahat para sa tagumpay!

Produced by
Patricia Dizon, Lexie Alfonso, Ainery Dizon, John Charles Bartolome, Gerald Yambao, Daniel Chester Valencia, Ma. Ellery Brienne Santiago, and Fiona Ventura



EPISODE 5: Ano, nag-enjoy ka ba sa mga nakaraang serye? Kung oo, heto na ang pinakahihintay—nasa huling yugto na tayo ng Sensya at Lakas!

Sa yugtong ito, hindi lang sa buhangin ang laban; sa court, sisiklab at aalab ang CS Green Wizards Men's Indoor Volleyball Team na handang ipamalas ang kanilang galing at determinasyon. Huwag palampasing samahan at kilalanin ang ating mahuhusay na manlalaro! Mabuhay ang mga atleta ng Kolehiyo ng Agham!

Produced by
Daniella Manahan, Christine Montino, John Charles Bartolome, and Fiona Ventura

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College of Science

PALARONG PAMPAMANTASAN 2024

MEDAL TALLY

		🥇	🥈	🥉	TOTAL
1	CSER- Stallions	78	27	26	131
2	COE - Red Ants	46	30	24	100
3	CIT - Blazing Gears	45	26	17	88
4	COED - Blue Flames	23	22	43	88
5	CCJE - Lex Libras	16	18	30	64
6	CS - Green Wizards	16	6	11	33
7	Hagonoy - Kingfishers	12	15	14	41
8	CICT - Firefox	11	13	17	41
9	Meneses - Pink Eagles	9	36	20	65
10	Sarmiento - Stars	9	14	10	33
11	Bustos - Double-Headed Eagles	7	28	23	58
12	San Rafael - Saints	5	7	0	12
13	CBEA - Magnates	4	7	26	37
14	CON - White Knights	3	7	24	34
15	CHTM - Tigers	2	8	1	11
16	CAFA - Night Owls	2	2	2	6
17	CSSP - Rajahs	0	5	0	5
18	CAL - Green Ravens	0	2	9	11



Photo Courtesy to **ABS CBN Sports**

Break the Deuce: Alex Eala's historic hit in the world of Tennis

/ ALLYSSA CHERLIZE SANTOS

Alexandra Eala, a 19 - year old Filipina Professional Tennis Player, emerged in the world stage as she successfully penned a historic run in the previously held Miami Open, reaching the semi - final spot battled against world #4, Jessica Pegula, and beating three players in the WTA top 10.

After Eala's triumphant journey, she established a prominent name in the pinnacle of tennis, the current WTA rank #140 competed against the today's tennis elites, beating several of the most notables namely Iga Swiatek (World #2), which became one of the biggest upset in tennis history, Paula Badosa (World #10), and Madison Keys (World #5), and even the former World #5, Jelena Ostapenko. Eala's journey ignites the Filipino's support not only for her but also in the sport of tennis, her journey became an inspiration for the Filipinos to pursue more and be determined to reach a goal, she showed that passion and determination can exceed beyond boundaries, being an "underdog" is not a hindrance even she faced one of the biggest names in the sport.

As her heart ablaze, it remains its humility, which show the purity of a Filipino spirit, Eala's breakthrough turns into a new chapter, as she symbolize the future of tennis and the future of Filipino sport.



Photo Courtesy to **Visor PH**

Juana's Checkered Flag: Bianca Bustamante's rising drive to the world of female motorsports

/ ALLYSSA CHERLIZE SANTOS

Its lights out and away we go! The Philippines has introduced Juana in the podium of motorsports as the 20 - year old Filipina Racer Bianca Bustamante enters the race track, after competing for W series and racing for Prema Racing and McLaren in the F1 Academy, a competition for aspiring women racers of formula cars.

Bustamante's heart for cars ignites in a very young age, she started karting in 2015, and appeared in multiple competitions representing the Philippines, and in 2023 she started racing in a higher tier of motorsports, first, in Formula 4, then followed by F1 Academy in the same year until 2024.

2023 was her successful year, as she rose to the top of the podium, two times for Prema Racing in F1 Academy, the first Filipina driver to achieve that triumph. At the present day, Bustamante is going to race for the GB3 Championship for Elite Motorsport, this will continue her continuous journey and learning inside the track.

As a women who are not naturally in that kind of atmosphere, Bianca's talent and passion is one of a kind, her determination is a profound symbol of women's status in the society, she proves that cars are not only for men, but can be driven and dominated by women, her passion leads her as the epitome of women empowerment at the contemporary era.



Photo Courtesy to **GMA**

Pusong Pinoy: Justin Brownlee's Never Say Die Spirit for BGSM

/ ALLYSSA CHERLIZE SANTOS

Never Say Die! Every Filipino basketball fan may know this tagline, and if you hear this, the first thing that will pop to your mind is "Ginebra na!". It is the most famous mantra in Philippine sport, particularly in Basketball.

Justin Brownlee is an American Naturalized Basketball player, and a resident import for Brgy. Ginebra San Miguel because of his almost 10 years of playing for the said PBA team. Brownlee became famous after he finished the 10 - year championship drought of BGSM, after he threw down a victorious three - point buzzer beater against Meralco Bolts in the 2016 Governors' Cup, and followed by multiple championships and finals appearances after. Brownlee is regarded as one of the greatest imports in PBA bagging several Best Import awards and achieving basketball records achieved by an import. Not just Ginebra became decorated because of his goated performance, also the Philippine team of basketball, Gilas Pilipinas became the kings of the Asia and a tough basketball contender in the world court, after he helped the team to bag the gold medal for 2022 Asian Games and 2023 Southeast Asian Games respectively. That's why he received his promising moniker, "Justin Noypi".

Brownlee's talent exceeds not only in Basketball, he also embraces the heart and soul of being a Filipino, despite nationality and cultural differences. He became an icon, and a kababayan, even though he did not win the championship for the recent PBA Commissioners' Cup finals, he still gave his best, despite having an injury that time, and full power to fight until the end that shows the real Never Say Die spirit and the genuine Filipino heart.

The Stroke of Success: A Story of Triumphant Swim in the 2024 BulSU Intramurals

by: Allyssa Cherlize B. Santos

In the vibrant world of collegiate sports, the journey to success is often filled with hurdles, sacrifices, and moments that shape who we are. For Shiann Eunice Flores and Angel Urian, two passionate swimmers from College of Science, Bulacan State University (BulSU), their recent experience in the Intramurals was more than just a competition; it was a powerful testament to their resilience, dedication, and the spirit of camaraderie.

As the BulSU Palarong Pampamantasan concluded, the College of Science Swimming Team dominated the whole competition, as the team bagged the first Gold of the college, and secured multiple medals in different swimming categories, individually and as a team.

Shiann Eunice Flores: A Story of Grit and Glory

Shiann, a first-year student pursuing a Bachelor of Science in Biology (BSB 1B), has been practicing swimming since she was in grade three, inspired by her uncle, a seasoned swimmer. Yet, her journey hasn't been without its challenges. "Walang time makapagtraining, walang lugar," she shared, expressing the struggle of balancing her academic responsibilities with her passion for swimming.

Despite these obstacles, her hard work paid off when she clinched the first gold medal for her college in the 2024 Intramurals. "Natuwa ako, since ako yung first gold ng CS," she beamed, her pride evident. This victory not only marked a personal achievement but also ignited her desire to continue representing her college in future competitions.

Reflecting on her SCUAA (State Colleges and Universities Athletic Association) experience, Shiann admitted, "Mahirap yung experience, hindi biro ang SCUAA experience." Yet, her determination contributed to BulSU's overall championship victory in SCUAA 2025. As she gears up for the upcoming national swimming competition, Shiann emphasizes the importance of time management and training, even while juggling academic requirements.

Her greatest motivation? "Habang tumatagal ka sa swimming, ang kalaban mo lang ay sarili mo," she said, highlighting the personal growth that comes with the sport. For Shiann, swimming is not just about competing against others, it is about surpassing her own limits. She encourages future athletes to trust in their abilities and to keep pushing forward, no matter what obstacles may encounter in the future.

Angel Urian: From Hesitation to Triumph

Angel Urian, a first-year Bachelor of Science in Medical Technology (BSMT 1A) student, had a different path leading up to the Intramurals. Initially hesitant to compete, she contemplated stepping back from swimming altogether. However, her parents encouraged her to explore various hobbies, leading her to the pool in sixth grade. "Great experience na sumali sa Intrams," she reflected, recognizing the value of her participation.

Balancing the demands of college life as a MedTech student with intense training proved to be a significant challenge for Angel. "Sobrang hirap n'ya, need ibalance yung training at school," she explained. The transition to college swimming required her to focus intensely on her goals, often sacrificing her student life for the sake of her athletic aspirations. Her preparation included ten days of rigid training, because of SCUAA, where she pushed herself to the limit, setting aside her academic responsibilities to focus on winning.

When Angel found herself on the winning team, she was filled with disbelief. "In shock pa rin noong time na 'yon," she admitted, acknowledging the pressure of competing at a higher level. Her motivation rooted from her grandfather, who always encouraged her with the words, "Kaya mo yan kahit anong mangyari." This support fueled her determination to succeed.

Reflecting on her victory, Angel felt a mix of shock and joy, especially knowing she brought home a medal for CS. "Naiuwi ko yung medal na yon for CS," she said, crediting her coach, Ma'am Athena, for her encouragement and belief in her potential.

A Shared Message of Resilience and Hope

Both Shiann and Angel's journeys highlight the importance of perseverance, positivity, and self-belief in the face of adversity. They remind us that the path to success is rarely straightforward, but with dedication and support, it is possible to overcome challenges and achieve greatness.

As they prepare for future competitions, their stories serve as an inspiration to aspiring athletes everywhere. "'Wag silang susuko," Angel advises, emphasizing that setbacks can be stepping stones to success. Moreover, Shiann echoes this sentiment, encouraging future athletes to trust in their training and abilities.

In the end, the Intramurals were not just a competition for Shiann and Angel; they were a celebration of their heart, hard work, resilience, and the unbreakable spirit of student-athletes. As they continue their journeys in swimming and beyond, they carry with them the lessons learned and the victories earned, ready to face whatever challenges lie ahead.

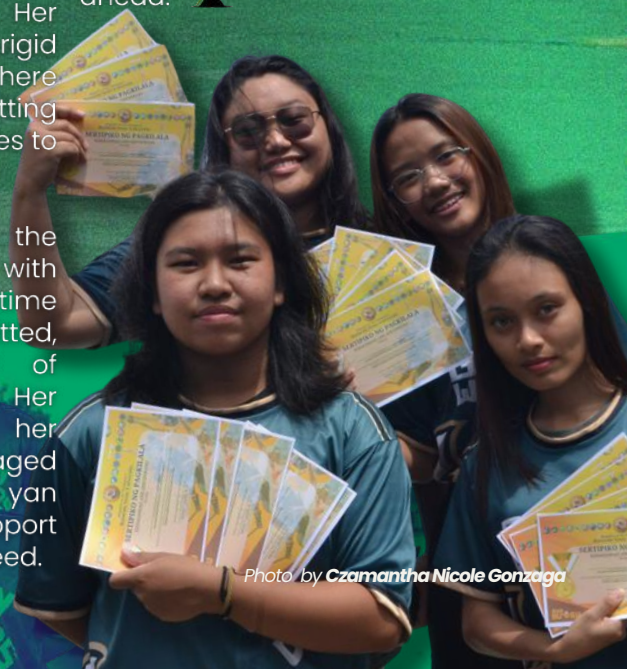


Photo by **Czamantha Nicole Gonzaga**