The College of Engineering and Agro-industrial Technology Student Council (CEAT SC) organized the second CEAT Student Leaders’ Grand Challenge (CSLGC) held last August 20-21, 2016 with the theme, ‘Hunt for a Lifetime Treasure: Weapons on Leaders’ Battlefield.’

CSLGC was a flagship event of CEAT SC 2015-2016. This event was envisioned as a way for the nation’s future engineers to celebrate their triumphs, trials, and achievements in attaining sustainability and social development, and to instill leadership principles and values through immersion of participants in ten stations with challenges designed to inculcate the said leadership philosophies to them.

This year’s CSLGC, headed by Councilors Jane Kimberly Sales and Samuel Teodoro, adapted the previous format. Participated by more or less 60 students from the college, the event started with a short program held at the CEAT Lecture Hall wherein they were assigned to their respective teams.

After which, each team experienced three out of the ten stations; the remaining of which were scheduled to be played the next day.

After all the challenges, the participant and the facilitators were given time to rest and to groom themselves for the CSLGC Awards Night. The said after event, hosted by Councilors Tricia Mae Perez and Bryan Joshua Bacani, were attended by the teams and their facilitators, and some previous members of the CEAT SC.

Given below are the list of winners of CSLGC 2016:

Champion: Team Brown Hunters
1st runner-up: Team Black pearl
2nd runner-up: Red cross
Best flag: Yellow Kev-F
Best cheer: Purple gems
Leader of the year: Jonathan Gavino
Best challenge masters: John Paul Oblas and John Edward Pacis
Best dressed (Male): Stephen Reppomanta
Best dressed (Female): Andrea Carla Haway
Best station: Adaptation and resourcefulness (Councilor Sheila Joy Samalburu)

Aside from giving recognition to the winners of the event, there had also been three leadership discussions delivered by some of the young leaders namely: Engr. Gabriel John de Leon, CEAT SC 2015-2016 Chairperson; Engr. Allen Lemuel Lemence, UPLB USC 2014-2015 Chairperson; and Engr. Ericka Rio Macaraian, an International Advocate for Youth Empowerment.
Chairperson's Corner
Bon Angelo Rizabal

Every first Monday of the month, the College of Engineering and Agro-Industrial Technology Student Council chairperson represents the college’s students in the CEAT Executive Committee meeting which is primarily attended by the college’s dean, associate dean, secretary, and department chairs.

This avenue promotes transparency and accountability between the students and the college administration. The assembly acts as a bridge which uplifts student concerns to the latter. Listed below are the highlights of the previous meetings:

Faculty-Student Relations Office (FSRO)
FSRO is where students can share their personal problems to the faculty members serving as “guidance counselors.” These previous years, there have been reports of students committing suicide due to problems with their academics and/or personal lives. To lessen/eliminate such, the administration highly encourages the students to consult the FSRO. The students can approach the faculty members assigned as in-charge in their respective units.

Department of Engineering Science Restrooms
After several years of patience and tolerance, the DES restrooms are now under renovation. Expect the furnishing of all the department’s restrooms to be done before the end of this semester. On the other hand, students must always remember their responsibilities as users of such facility. Flush and don’t rush, fellow CEAT Students!

Midterm Grades
Every faculty member is REQUIRED to present the midterm grades of their students. Report any non-compliance!

Palarong UPLB 2017
CEAT will be hosting the Palarong UPLB that is set to start by next semester. A 3-peat means an after-party and a bonfire celebration!

Feline Issues of the Department of Electrical Engineering Building
The CEAT Student Council, together with the local veterinarians, is already addressing this concern.

Basag-Kotse Gang in CEAT Vicinities
Though the culprit has been apprehended but this does not guarantee 100% safety. Keep an eye on your valuables and report anything suspicious around the campus.

Curriculum Program Revisions
With the implementation of the K-12 program, each degree-granting unit in the college has already presented their proposed curriculum revision and will be undergoing faculty and university council meetings for approval. If you wish to read the hundred-page proposals, just contact the Office of the CEAT SC Chairperson.

Registration Concerns
We must commend and be grateful to the departments and offices of our college for hearing our voices every registration period, and for always providing solutions to address our primary concern during this period-inefficient slots. Majority of the faculty members handle teaching loads more than the maximum simply to accommodate students who are in dire need of those courses. Not to mention that some of them are also doing their academic researches while pursuing graduate studies. Now, they did their part—let us do ours. Attend classes and do our best to earn and learn something at the end of every semester.
THE KIND OF ENGINEERING SUBJECTS YOU DATE

Jessie Marie Barbosa

It’s that time of the month again - exams are starting to pile up, problem sets submissions are nearing, the danger of Dose, Trese and Twenty-one exams being scheduled in just a week might be a great possibility - and yet you are still alive.

Or trying to be, at least.

From feeling giddy with that first meeting, to feeling more into the situation when you have received that first text, to feeling that familiar tinge when you have that first flight, then to feeling hurt when you finally receive the final goodbye - these are the stages we all encounter when we fall in love. If one is lucky enough, then he/she must have got the happy chance of skipping the goodbye part. But more surely than not, that is where it all ends. Now how does all of these relate to engineering, exactly?

You just finished your Math 27/37 and Physics 3/81, you finally get your first taste of core engineering subjects - ENSC 11. Now, Onse was more like the first person you fell in love with. Meeting him/her was a memorable feeling - fresh and exciting- something that you have never felt before. You got to know each other for a while. During this period, a lot happened. You realized that all the excitement eventually turned into irritations, laughter turned into fights, and love turned into something less than that. It was complicated, and yet you try to make it work because who doesn’t want to succeed on their first try, right? You fight until the end, but it is just not what you were looking for.

You got the chance to take a break- a breather, something to make you feel refreshed again. As fate would have had it, you met Twenty-One. Now, it was much different from Onse - looked a lot more familiar - maybe it was something you have encountered during your freshman days? In this world full of uncertainty, you were sure of Twenty-One because he/she emits that all too familiar scent - one that you want to run to when you are looking for comfort all over again. Even though you were hesitant to deeply dive in one more time, you took a chance with Twenty-One... and that was when you realized that it was worth it. Until eventually, of course, it had to end. He/she knew you too well. Even though you weren’t the same person you were ages ago. Twenty-One insists that you still make the same mistakes, even though you know that you have learned from those. He/she was just... too pushy.

It ended again. In a better note compared to what happened with Onse.

Somehow, after watching the classic Bea Alonzo and John Lloyd Cruz’s One More Chance, you met Onse along the way once again. Filled with hope, you try. He/she was the same person you knew but this time, you were the one bringing in a new twist to the equation. You know so much better now. You wouldn’t commit the same mistakes you did with Onse before. You succeeded - it worked. It was now a perfect scene - you and Onse were as happy as you think you could be.

Until one day, Onse just had to wake up. Onse became unsure of what you two have... then he/she decided to let you go.

It hurts, but then you realized that maybe Onse was right. Maybe it was time to move on and not to look back. You thanked Onse for teaching you to never give up and for finally letting you go.

Now, Dose was your friend who you took for granted. You met each other during your Physics days but you never thought you would see him/her in a different light.

Dose was fun and challenging - just the perfect mix for you.

You both share the same interests, principles, thoughts - just perfect, isn’t it? Until you got quite bored but, of course, you didn’t want to admit it. So yeah, that thing did not work out, too.

Then came Trese - the dangerous type of person you were sure you are not going to fall in love with. And you know you don’t want to. Trese’s that kind who everybody has their eyes on - all with their own reasons why. You tried to avoid him/her at all costs... but there’s really something about Trese that drew you into him/her. Trese was a risk you wouldn’t want to take. But you did. Your relationship was the most complicated out of all with the significant others you have met - even more complicated than Onse, even more familiar with Twenty-One and definitely more challenging than Dose. It was the mix of everything you have been looking for from the very beginning. But you were afraid that you might fall in love with it.

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STRONGER AND BENDABLE NEW CONCRETE
by Leanne Anissa Lim

17 AUGUST 2016 – Researchers from Singapore have developed a bendable yet lighter, stronger, and more durable concrete than the usual heavy and brittle concrete used in our infrastructures until today.

The scientists from Nanyang Technological University’s (NTU) JTC Industrial Infrastructure Innovation Centre (I3C) call this innovation ‘ConFlexPave’ which takes the form of slim precast pavement slabs.

According to NTU’s School of Civil and Environmental Engineering Assistant Professor Yang En-Hua, head of this research, the key breakthrough was observing and understanding the interaction between hard materials and polymer microfibers on a microscopic level. The result of this mixture also enhances the skid resistance besides from flexing and bending under tension. These characteristics are in contrast with those of the typical concrete – consisting of cement, water, gravel, and sand – which is hard and strong but not flexible; thus is brittle and cracks when under too much weight.

Prof. Yang elaborated that the hard materials promote the non-slip surface texture while the microfibers, being thinner than the width of a human hair, aid in the distribution of load across the slab. The combination of these two results to the ability of the concrete to withstand at least twice load than the usual concrete when under bending.

This new type of concrete can reduce the time and effort needed for installation and maintenance, as said by NTU Professor Chu Jian, by being thinner and lighter than the usual concrete. He also stated that ‘new concrete slabs prepared off-site can easily replace worn out ones, enabling speedy plug-and-play installation’.

Mr. Koh Chwee, Director, Technical Services Division of JTC and Co-Director of the NTU-JTC I3C, added that ConFlexPave can also lessen the inconvenience experienced by motorists due to road construction works. He also said that JTC, which aims to address manpower and resource constraint problems faced by Singapore, will continue to test-bed this new type of concrete in their buildings and estate. “If successful,” Mr. Koh stated, “we will implement such innovations.”

Testing of ConFlexPave has been successful so far as tablet-sized slabs in the university’s laboratories. By NTU’s partnership with JTC, this innovation will be scaled up for further testing in the next three years.

UPLB SELES wins its 5th Engineering Meet trophy
by: Dan DarrenTorrecampo

The University of the Philippines Los Banos Society of Electrical Engineering Students (UPLB SELES) made an unprecedented record as they bagged another Engineering Meet championship trophy – winning for five straight years since 2011.

UPLB SELES won in several games such as men’s basketball, softball, volleyball and men’s badminton.

Other games include women’s basketball, women’s badminton, table tennis in men’s women’s, and mix division, chess, athletics, and swimming.

On the other hand, the UP Engineering Students’ Guild (UP ESG) placed 1st runner up in the overall ranking while University of the Philippines Civil Engineering Society (UPCES) got 2nd runner up.

Aside from the sporting events, there was also a pageant in which Mr. SELES’ John Bryan Intanado and Ms. ISEO’s Bai De la Cerna were crowned as Mr. and Ms. EngMeet 2016, respectively.

Other participating organizations are UP Society of Agricultural Engineering Students (UP SAGES), The League of Agricultural Engineering Students [N.C.], UP Engineering Radio Guild-Los Banos (UP ERG-LB), UPLB Industrial Engineering Students’ Organization (UPLB ISEO), UPLB Engineering Society (UPLB EngSoc), Civil engineering Executive Organization (CEO), UP Alliance of Chemical Engineering Students (UP ACS), and UPLB Society of Chemical Engineering Students (UPLB SChemES).

The Engineering Meet is an annual event conducted to promote sportsmanship and camaraderie among College of Engineering and Agro-Industrial Technology (CEAT) organizations.
UP ACHES TO HOLD MONTH-LONG ANNIVERSARY
by Carlo A. Basbas

With the UP Alliance of Chemical Engineering Students’ (UP ACHES) founding anniversary fast approaching, the organization is set to hold a month-long celebration which will commence on the first week of September and will end on the second week of October. During this span of time, UP ACHES will be conducting a series of activities as part of its tradition.

Exhibit
For years, UP ACHES has been showcasing its members, history, and activities through an exhibit placed at the Department of Engineering Science’s lobby. And for this year, the organization will strive to maintain — if not surpass — previous exhibits’ quality.

The activity’s ad hoc committee, headed by Karen Joyce Arjona and Daryl Aldrix Briones, plans to flaunt how the organization illuminated from the dark.

The exhibit will be displayed at the ES lobby during the first week of October.

Open Tambayan
Open tambayan is a usual practice of the organizations in UPLB by which they serve food to literally anyone around the campus. It is a way of organizations to show their gratitude to the UPLB community for its support in their endeavors.

UP ACHES is set to conduct the activity anytime at the GEAT Lounge during the exhibit week. Along with this, the organization will also have a libingan sakay.

The said event’s committee is headed by Ariane Merlyne Ignacio and Mia Andrea Buenavieja.

Anniversary Night
To further strengthen the camaraderie among its members and alumni, and to celebrate the organization’s founding date, UP ACHES organizes an anniversary night.

During this event, every member is given the chance to meet the alumni and the members of their family lineage. At the beginning of the night, the members of the previous and the current executive committee will exchange gifts.

8TH SOUTHERN TAGALOG INDUSTRIAL ENGINEERING SEMINAR (STIES)

The University of the Philippines Los Baños Industrial Engineering Students’ Organization (UPLB IESO), in cooperation with the UPLB Department of Industrial Engineering, will be conducting its 8th Southern Tagalog Industrial Engineering Seminar (STIES) this September 17, 2016 at the D.L. Umalil Auditorium, UPLB.

STIES is a one-day annual event that aims to continuously provide conducive learning discussions between the speakers and the participants through fora and a friendly competitive environment among the attendees through a pageant. The organization holds the event with a specific theme that promotes the chosen principle. For this year, UPLB IESO came up with the theme: “PIONEER: Leading the Future with Lean Six Sigma.”

The main emphasis of Lean Six Sigma is the collaborative effort to improve performance through elimination of unnecessary and wasteful steps; thereby, resulting to a more efficient and effective system to which industrial engineering is mainly concerned of. The theme is then relevant and is also timely due to increasing scarcity of resources.

STIES is offered to industrial engineering students in Region IV-A (CALABARZON) and this year’s participating schools are the following: Colegio de San Juan de Letran, Lyceum of the Philippines University – Laguna, Polytechnic University of the Philippines – Sto. Tomas, Lyceum of the Philippines – Batangas, Pamantasan ng Cabuyao, Polytechnic University of the Philippines – Sta. Rosa, De La Salle University – Lipa, University of Perpetual Help System Laguna, Manuel S. Enverga University Foundation, Lyceum of the Philippines Cavite, and University of Batangas – Lipa.

Registration for the 8th STIES was already closed but due to high demand, the organization will be holding another STIES on October 1, 2016.

The event is headed by some of UPLB IESO’s resident members, to wit: Nigel Fredric Pantastico (Logistics), Kyrinne Kate Viajo (Secretary), Lezette Umalil (Program), Jeomae Joshua Redondo and Alethea Diana Villa (Marketing), with the assistance of the incumbent members of the executive committee—John Paul Obias (President), Shara Giel Estrella (Executive Secretary), Ann Catherine Marasigan (VP for Operations and Synergy), Christian Balanau (VP for Public Affairs) and Treb Gabriel Carlabilo (VP for Properties and Holdings).