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AUG 22 2019 12:15

CIVIL ENGINEERING EXECUTIVE ORGANIZATION

August 19, 2019

Dr. CARLITO D. ROCAFORT

Director III, OIC - Office of the Regional Director
Gate 2, Karangalan Drive, Cainta, Rizal

Dear Sir:

Greetings!



The Civil engineering Executive Organization (CEO) is a duly recognized academic organization based in the College of Engineering and Agro-Industrial Technology (CEAT) at the University of the Philippines Los Baños (UPLB). For the past eighteen years of its glorious existence in the university, CEO has continued to realize its goal of promoting academic and professional excellence in all of its endeavors thus molding its members' potentials of becoming socially responsible engineers. With the vision "seeing the bright future in Civil Engineering", the organization will remain to fulfill its mission as an academic organization to contribute proficiently not just to its fellow engineering students but to the whole society as well.

In our continuing efforts towards academic excellence, we will launch our fourth High School Clash, the **High School Clash 2019**, which will be held on **October 12, 2019** at **UPLB Campus**. It is an inter-high school activity which includes an Amazing Race, Structure Making Contest, General Information, Math, Physics and Chemistry Quiz Contest (Executives' Quiz), and a Seminar with the theme "Developing the Engineer's Mindset in the Filipino Youth Through Networking Pathways Towards a Better Future". The competition will engage students to think critically and creatively and will expose them to different concepts and theories used in basic engineering. Moreover, this event will let the students appreciate engineering and its applications. The competition will be open to all Grade 9 to 12 students from different public and private schools.

Furthermore, the High School Clash will generally serve as a venue for secondary students to learn and apply the core values: effective leadership, learning to be strategic, developing communication skills, continuous improvement, and community involvement – through seminars and competitions.

As a continuous improvement, the students will be exposed to practical applications of engineering not only in their community but from other areas. Hence, this may provide the students some overview on the field of science and engineering. Through these young learners, they can be an effective media to share their education for the community to be scientifically competitive.

In our continuing endeavor to improve our activity, we are conducting a preparation for the coming High School Clash. To enable us to invite more participants, we are applying for a **recognition and endorsement from your good office**. The overview of the activity is attached here.

HIGH SCHOOL CLASH 2019

The underlying activities are briefly described as follows:

Amazing Race

This activity will equip the participants with basic scientific and engineering theories, concepts, and principles that will help them appreciate the different engineering and scientific fields and programs. With this, participants will be able to perform inquisitive, logical, and practical activities that use basic engineering principles. Moreover, physical and mental activities that will be performed will enhance the creativity and innovative skills of the participants. The Amazing Race will highlight the effective leadership among the members of each team. In order for a team to win the competition, each member would need to develop their interpersonal skills to work as a team and properly carry out the strategies for a desired outcome. As the name implies, the Amazing Race will mold the participants to formulate a logical and reasonable judgments under a limited period of time in each station. Furthermore, the restriction of time for the event would induce effective strategies from each team. Using their time management skills, the students will allocate the given period of time to finish their tasks and achieve the desired outcome. Along with this, the students will be able to practice communication skills by interacting with each other.

Structure Making Contest

This is an on-the-spot structure-making contest that primarily aims to increase the awareness of young learners in the practical applications of science and engineering. It serves as a venue for students to develop their interest in designing and constructing structures such as model bridges and towers. The objective of the activity is to develop and practice the integrative skills of the participants by applying the basic engineering concepts in constructing a structure. The structure made by the students will undergo a specific engineering quality test. One of the main criteria in this activity is the strength of the structure.

Math, Science and General Information Quiz Contest (Executives' Quiz)

This quiz contest targets to gage the students' knowledge on fundamental subjects such as Physics, Chemistry and Mathematics which are being taught in secondary education. This is an oral type of quiz contest in which the participants will have a limited time in answering all the questions. In this way, their wit is not the only one that will be tested but also their ability to sustain grace under times of pressure. Also, this activity aims to expose the participants in the field of engineering and its importance to the country. It will enable them to perceive engineering as the chief tool in advancing the comprehensive status of the country. This activity will also serve as an opportunity for the participants to pride themselves, and their school's efficacy in teaching.

Seminar

The seminar is a one-day two-session event which will be participated by high school students, teachers, and professors. With the theme, **"Developing the Engineer's Mindset in the Filipino Youth Through Networking Pathways Towards a Better Future"** this year's seminar will revolve on the essence of engineering in the current Philippine setting and the importance of engineering in the world's future. The event shall be graced by a reputable speaker from a company or organization who will share his/her practice-based knowledge and insights regarding engineering. The seminar series will involve the students in a very interactive and formal venue for sharing of innovative ideas. Similar with a scientific discourse, the students will further develop their understanding gained from their respective schools by interacting with the professionals and the others students from other schools. The seminar series will also serve as a bridge between the professionals and the students to share the current scenarios of their community in which engineering practices can be applied.

ENGINEERING EXECUTIVES ORGANIZATION

Programme

Date: October 12, 2019 (Saturday)

Time	Activity
7:00 AM – 8:00 AM	General Registration (EE Building)
8:00 AM – 9:00 AM	Opening Program (EE Auditorium)
9:00 AM – 12:00 NN	Seminar Proper: Morning Session (EE Auditorium) Contest Proper: Executives' Quiz (CEAT Lecture Hall) Amazing Race (CEAT Building) Structure Making Contest (CE Department Building)
12:00 NN – 12:45 PM	Lunch Break
12:30 PM – 1:30 PM	Seminar Registration (EE Building)
1:30 PM – 4:30 PM	Seminar Proper: Afternoon Session (EE Auditorium) Campus Tour (UPLB Campus)
4:30 PM – 6:00 PM	Awarding Ceremony and Closing Program (EE Auditorium)

*OICs will cooperate with Red Cross Youth, University Police Force (UPF), and Community Support Brigade (CSB) for medical and security assistance during the event proper.