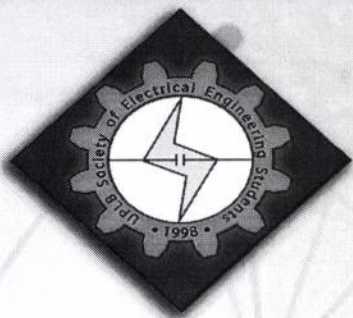


# UPLB SOCIETY OF ELECTRICAL ENGINEERING STUDENTS

COLLEGE OF ENGINEERING AND AGRO-INDUSTRIAL TECHNOLOGY

UNIVERSITY OF THE PHILIPPINES LOS BAÑOS



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SENIOR ADVISER

October 14, 2014

**DR. DIOSDADO M. SAN ANTONIO**

OIC, Office of the Regional Director  
Department of Education Region IV-CALABARZON  
Gate 2, Karangalan Village, Cainta, Rizal

Dr. San Antonio:

Greetings!

The UPLB Society of Electrical Engineering Students (UPLB SELES) is a duly recognized academic organization based on the College of Engineering and Agro-Industrial Technology (CEAT) of the University of the Philippines Los Baños. Founded in 1998 with just 15 members, the UPLB SELES is the pioneer academic organization in UPLB that is exclusive for Electrical Engineering students. Over the years, the UPLB SELES has grown and produced 236 graduates and now has 130 active resident members. The organization aims to promote academic excellence and leadership while preparing its members to be of service to the students, university, and society. It also aims to enhance the advancement of humanity through electrical engineering.

This year, the UPLB SELES will mark its 18th glorious year of existence and service. Another year of great endeavours has kept us on making every effort to achieve more and be known further in our visions and missions. In line with this, we would like you to be a part of this glorious achievement by being one of the participating schools in one of the organization's major activity entitled, **wEEzards: A Luzonwide Inter-High School Math and Physics Olympiad**. This annual event is composed of an on-the-spot poster-making contest, an on-the-spot essay-writing contest, an impromptu speaking contest and the Math and Physics Olympiad. The competition is open to all high schools from Luzon. In the past years, the competition has been successfully participated by over 80 schools, and this year, we would like your school to be part of this glorious success.

Attached herewith is the set of qualifications, mechanics, and prizes at stake for this event which will be held on **November 14, 2015**.

We are hoping for your favourable response regarding this matter.


Thank you and more power.

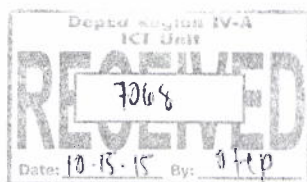
Respectfully yours,

  
**Precious Ann B. Francisco**  
Activity Coordinator

  
**Mark Darriel M. Manzanilla**  
President

Noted by:

  
**Prof. Roderick L. Catriz**  
Senior Adviser



*To: SDS  
For your appreciation  
Action please.  
Parker - Job Parker  
15 Oct 2015*



## MECHANICS

### QUALIFICATIONS

1. Any high school from Luzon is qualified to join in any category in the said competition.
2. The Math & Physics Olympiad is open for teams consisting of three members regardless of high school year level. Any participating school can send a maximum of three (3) teams in the said competition.
3. The Essay-Writing Contest and Poster-Making Contest are individual events. Any participating school may send a maximum of three (3) contestants in each event.
4. Registration fees for each event are as follows:
  - **Php 900.00 for every participating team in the Math & Physics Olympiad;**
  - **Php 300.00 for every contestant in the Essay-Writing Contest;**
  - **Php 300.00 for every contestant in the Poster-Making Contest; and,**
  - **Php 300.00 for every contestant in the Impromptu Speaking Contest.**
5. Interested schools may confirm their participation on or before October 31, 2015, Friday, at any of the following numbers: Mark Dariel Manzanilla @ 09358543872 , Euvoert Velarde @ 09051590552, or Precious Ann Francisco @ 09262847287. You may also send an e-mail to [uplbseles05@gmail.com](mailto:uplbseles05@gmail.com).

**\* Participating schools from far away provinces may opt to avail dormitories where the participants may stay in. The rate of transient fees will depend on the accommodations availed. The organization will handle all dormitory transactions.**

**\* The participation should be confirmed on or before October 30, 2015 to secure all documents and transactions.**

**\*Registration fee is already inclusive of lunch meal.**

### CONTEST

1. The event will be held on November 14 2015, Saturday, at the E.E. Auditorium, Electrical Engineering Building at the University of the Philippines Los Baños. Registration of participants will start at 7:30 am until 8:30 am.
2. The contest will begin at 9:00 am after a short opening program. Late participants in any event will be accepted. However, no extension on the allotted time shall be given to any late participant/team. Thus, all entries and papers should be submitted on the prescribed time of submission.

### MATH & PHYSICS OLYMPIAD

#### Elimination Round

1. Each member of every participating team shall individually answer the written questionnaire in the elimination round. The written questionnaire is composed of an Easy, Average, and a Difficult part, and the questions for each part will be based on two main categories: Mathematics (Algebra, Geometry, Statistics, Trigonometry and Calculus) and Physics.



- There shall be ten (10) questions in the Easy Part. Each correct answer on this part corresponds to 2 points, and no point shall be given nor deducted for a wrong and no answer.
  - There shall be ten (10) questions in the Average Part. Each correct answer on this part corresponds to 3 points, and no point shall be given nor deducted for a wrong and no answer.
  - There shall be ten (10) questions in the Difficult Part. Each correct answer on this part corresponds to 5 points, and no point shall be given nor deducted for a wrong and no answer.
2. This round shall last for two hours from the time it has started.
  3. The scores of each team for the elimination round shall be based on the computed average of the scores of the members of the team.
  4. The average scores for the elimination round shall be ranked and the top fifteen (15) teams shall advance to the semi-final round of the quiz show.
  5. **The individual participant who earned the highest score, regardless of his/her team's average score or qualification to the semi-final round, shall be declared as the 2015 Math & Physics Wizard and will receive a cash prize of two thousand pesos (P2000.00).**

### **Semi-final and Final Round**

1. The Semi-final round shall be composed of two rounds, namely, the EEasiest Round and the EEasier Round. The Final round, on the other hand, shall be called the EEasy Round.
2. There shall be 10 questions provided for each round of the competition. The questions provided in each round shall be randomly picked from the categories Mathematics (Algebra, Geometry, Statistics, Trigonometry and Calculus) and Physics. The type of questions for each round will range from identification, multiple choice, fill-in the blanks, true or false, and problem solving.
3. The same set of questions will be asked to the competing team. All answers must be written on the answer sheets provided by the members of the UPLB SELES.
4. In the Semi-final Round, the competing teams shall be scored as follows:
  - a. For each question in the EEasiest Round, each team will gain 3 points for every correct answer, -1 point for a wrong answer, and 0 point for no answer.
  - b. For each question in the EEasier Round, each team will gain 5 points for every correct answer, -2 point for a wrong answer, and 0 point for no answer.
  - c. For the EEasy Round, each correct answer corresponds to 10 points. No deduction will be given for an incorrect and no answer.
5. Each question shall be read twice by the quiz masters. Contestants can start answering a problem as soon as the quiz masters starts reading the question.
6. The quiz master shall declare the allotted time for the contestants to answer a problem before reading each question.
7. The quiz masters shall announce, "Timer starts now" to let the contestants know that the timer for that question has started, and, "Time is up" to signal that the allotted time has elapsed. An official time keeper shall be assigned to monitor the time for each question.
8. All answer sheets must be submitted to the assigned proctors for each team upon the signal of the quiz masters. Failure to submit the answer sheets 5 seconds after the signal shall be deemed as a no answer.
9. In the event of a tie, the teams with the same final score shall be given a "sudden death round" wherein a clincher question will be given until the tie breaks. Each correct answer in the sudden death round corresponds to 1 point. Clincher questions for the sudden death round will be randomly picked from any of the three rounds.
10. Any contestant shall be given the right to raise complaints, clarifications, or protests by addressing any of these concerns to the Board of Judges. The Board of Judges shall resolve any complaint/clarification/protest during the conduct of the quiz contest. Any complaint/clarification/protest for any question given in the quiz contest shall be raised immediately before the succeeding question is read by the quiz masters; otherwise, the concern will not be entertained.



11. The total score of each team shall be determined after the EEasiest Round and the EEasier Round. The top five teams shall qualify for the Final Round. In the EEasy Round, the scores of the top five teams shall be set to zero.
12. **After the last question in the Final Round, the scores of the Top 5 teams will be computed, and the top three teams will be declared as Champion, 1<sup>st</sup>, and 2<sup>nd</sup> runner-up respectively. The school and the participants of the top three teams will be receiving trophies, medals, certificates and cash prizes. The champion will receive ten thousand pesos in cash (P10000.00), while the 1<sup>st</sup> and 2<sup>nd</sup> runners-up will receive a cash prize of five thousand pesos (P5000.00) and three thousand (P3000.00) respectively.**

#### Additional Guidelines

1. For questions that require a numerical answer, an answer without the required unit is incomplete and is, therefore, considered a wrong answer. Both the magnitude and the unit must be given correctly for an answer to be considered a correct answer. However, if the question requires an answer in certain units, i.e. "How many centimetres are there in one meter?" then, an answer that contains only the magnitude is acceptable.
2. Only the letter of the best answer is needed in a multiple-choice question.
3. Identification and fill-in-the-blank questions require correct spelling. An answer with a wrong spelling is considered a wrong answer.
4. If the Board of Judges decides to invalidate a question, an alternative question will be asked to replace any nullified question in any set or round of the competition.
5. **All final answers must be boxed or encircled. Any erasure must be crossed out, and only the boxed or encircled answer shall be considered as the final answer. This applies to the semi-final and final rounds.**
6. The decision of the Board of Judges is considered final and irrevocable.

#### ESSAY-WRITING CONTEST

1. The theme for the on-the-spot essay-writing contest will be announced during the contest proper.
2. All entries must contain a minimum of 500 words. The papers that will be used by the participants shall be provided by the members of the UPLB SELES. Only the papers provided by the UPLB SELES during the conduct of the contest shall be considered official.
3. Participants will be given two hours to finish their entry. A facilitator-in-charge will be assigned to provide the papers on the beginning of the competition and to collect them after the participants have finished their entries. Proctors will also be designated to assist the needs of the participants.
4. Each entry will be given a numerical code to secure impartiality and secrecy before it is submitted to the Board of Judges.
5. The essays will be judged according to the following criteria for judging:
 

a. Content and Relevance to the Topic	40%
b. Organization and Development of the Idea	30%
c. Style	15%
d. Use of words and Proper Grammar	15%
	100%



6. There will be three members of the Board of Judges for the essay-writing contest, and their decision is considered final and irrevocable.
7. **The three entries that will get the highest percentage shall be declared as the Champion, 1<sup>st</sup> Runner up, and 2<sup>nd</sup> Runner up, respectively. The champion shall receive a cash prize amounting to two thousand pesos (P2000.00) while the 1<sup>st</sup> and 2<sup>nd</sup> runners up will receive a cash prize of one thousand pesos (P1000.00) and five hundred pesos (P500.00), respectively. The top three participants will receive medals and certificates.**

#### **POSTER-MAKING CONTEST**

1. The theme for the on-the-spot poster-making contest will be announced during the contest proper.
2. Each participant must bring his/her own drawing/coloring materials that best suit his/her drawing technique. Only the canvas (illustration board) will be provided by the UPLB SELES.
3. Participants will be given two hours to finish their entry. A facilitator-in-charge will be assigned to provide the canvas on the beginning of the competition and to collect them after the participants have finished their entry. Proctors will also be designated to assist the needs of the participants.
4. Each entry will be given a numerical code to secure impartiality and secrecy before it is submitted to the Board of Judges.
5. The posters will be judged according to the following criteria for judging:

a. Originality	20%
b. Relevance to the Topic	30%
c. Creativity	30%
d. Overall Appeal	<u>20%</u>
	100%
6. There will be three members of the Board of Judges for the poster-making contest and their decision is considered final and irrevocable.
7. **The three entries that will get the highest percentage shall be declared as the Champion, 1<sup>st</sup> Runner-up, and 2<sup>nd</sup> Runner-up respectively. The champion shall receive a cash prize amounting to two thousand pesos (P2000.00), while the 1<sup>st</sup> and 2<sup>nd</sup> runners up will receive a cash prize of one thousand pesos (P1000.00) and five hundred pesos (P500.00), respectively. The top three participants will receive medals and certificates.**

#### **IMPROMPTU SPEAKING CONTEST**

1. The contestants will be confined in a separate room where they will be isolated until each contestant is called for the contest proper. Each contestant will be asked to pick his or her number through draw lots in the presence of all coaches and participants. The number will indicate their sequence in the competition.
2. The topic given by the Board of Judges will be the official theme for all contestants in the entire competition.
3. A contestant will be called from the isolation room. The Master of Ceremony will read the theme twice and each contestant is allowed to deliver his/her speech for two minutes.
4. Each contestant will be given a maximum of 30 seconds to prepare his/her speech. Timer starts when the 30-second preparation time has elapsed *or* as soon as the contestant utters his or her first word.
5. After one and a half minutes (1 ½), a “30 seconds left” signal will be raised. It signifies that the contestant has thirty (30) seconds more to finish his/her speech. After the allotted two (2) minutes has elapsed, a facilitator will raise an “end” signal to indicate that the contestant may end his speech.



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6. The contestant may choose to conclude his/her speech thirty (30) seconds before or thirty (30) seconds after the allotted two (2) minutes.
7. The time limit will be strictly implemented. Should a contestant exceed thirty seconds after the time limit, he will be automatically interrupted.
8. The criteria for judging are as follows:

a. Speech Content and Organization	40%
b. Voice Quality (Projection, Modulation, Emphasis, Diction)	30%
c. Poise and Delivery (Gesture, Facial Expression, Eye Contact & Appearance)	20%
d. Overall Impact	10%
	100%
9. *The decision of the board of judges is considered final and irrevocable.*
10. **The three contestants that will get the highest percentage shall be declared as the Champion, 1<sup>st</sup> Runner-up, and 2<sup>nd</sup> Runner-up, respectively. The champion shall receive a cash prize amounting to two thousand pesos (P2000.00), while the 1<sup>st</sup> and 2<sup>nd</sup> runners up will receive a cash prize of one thousand pesos (P1000.00) and five hundred pesos (P500.00), respectively. The top three participants will receive medals and certificates.**

### *Over-all Winners*

The results will be tabulated, each of the schools will be scored according to the winning they have acquired in each of the categories of the competition. The school which garnered highest weighted number of wins according to the set criterion will be declared as the over-all champion. The over-all champion school shall receive the **Perpetual trophy, certificates** and cash prize of **three thousand pesos (P3000.00)**