



Republic of the Philippines  
Department of Education  
Region X  
**CAGAYAN DE ORO CITY DIVISION**

Fr. William F. Masterson, S.J. Avenue,  
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- CP DIVISION OF CAGAYAN DE ORO  
CAGAYAN DE ORO CITY

**RELEASED**

DATE: SEP 27 2019

BY: [Signature]

Division Advisory  
No. 89 s. 2019

**SENIOR HIGH SCHOOL QUIZ BOWL COMPETITION**

To: SCHOOL PRINCIPAL-GUSA REGIONAL SCIENCE HIGH SCHOOL  
SCHOOL PRINCIPAL-CAGAYAN DE ORO SENIOR HIGH SCHOOL  
This Division

1. Attached is a communication from Engr. Monique Leah E. Cagatin, PIChe-CDO Chapter President, inviting your select Grade 12 STEM learners to participate in **PAKIGSANGKA 3.0: PIChe-CDO Inter-Senior High School Quiz Bee** on September 19, 2019, 1:00 PM to 4:00 PM at Limkitkai Activity Center, Cagayan de Oro City
2. Attached are the general guidelines and rules of engagement on the said event.
3. For information and guidance.

**JONATHAN S. DELA PEÑA, Ph.D. CESO V**  
Schools Division Superintendent



# PHILIPPINE INSTITUTE OF CHEMICAL ENGINEERS

CAGAYAN DE ORO CHAPTER

"Fostering Competence and Proficiency for Chemical Engineers"

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**THRU: DR. JEAN MACASERO**

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Dear Dr. Dela Peña:

Greetings in Christ!

The Philippine Institute of Chemical Engineers will again be celebrating the National Chemical Engineering week this September 14-21, 2019; this is based on proclamation no. 1365 series of 2007, declaring every third week of September as the Chemical Engineering Week.

Over the years we have been promoting our profession in the different sectors which includes but is not only limited to the industry, academe, and government. As one of the highlights of the aforementioned event, we will be organizing a **senior high school quiz bowl competition on September 19, 2019**. In line with this, we would like to invite you to participate in **PAKIGSANGKA 3.0: PICHe-CDO Inter-Senior High School Quiz Bee**. The event will be at **Limketkai activity center (near Mumuso) at 1:00 PM to 4:00 PM**. Attached in this letter is the event program, general guidelines, and rules of engagement. Moreover, should you have any queries you may contact **Engr. Rose May Igdon at 0917-636-8493**.

Your participation will greatly be of help as we celebrate the upcoming Chemical Engineering Week. We look forward to seeing you. Thank you very much and we hope to hear from you.

Respectfully,

Engr. Monique Leah E. Cagatin  
PICHe-CDO Chapter President



# PHILIPPINE INSTITUTE OF CHEMICAL ENGINEERS

CAGAYAN DE ORO CHAPTER

"Fostering Competence and Proficiency for Chemical Engineers"

*in celebration of the*

## 14TH NATIONAL CHEMICAL ENGINEERING WEEK

*Presents*

### PAKIGSANGKA 3.0: PICHE-CDO Inter-Senior High School Quiz Bee

September 19, 2019 | 1PM – 4PM | Limketkal Mall Activity Center

#### PROGRAM

01:00PM – 01:15PM	Registration
01:15PM – 01:25PM	Invocation National Anthem
01:25PM – 01:30PM	Welcome Address <i>Dr. Shierlyn S. Paclijan</i> PICHE-CDO Vice President for Academe
01:30PM – 01:40PM	Reading of Mechanics and Rules of Engagement <i>Engr. Rose May B. Igdon</i> PICHE-CDO Executive Vice President
01:40 PM – 01:45 PM	Reading of Participating Schools
01:45 PM – 02:15 PM	<b>ROUND 1</b>
02:15 PM – 02:20 PM	Tabulation of Scores Reading of Qualifying Teams for Round 2
02:20 PM – 02:50 PM	<b>ROUND 2</b>
02:50 PM – 02:55 PM	Tabulation of Scores Reading of Qualifying Teams for FINAL Round
02:55 PM – 03:00 PM	<b>BREAK</b>
03:00 PM – 03:30 PM	<b>FINAL ROUND</b>
03:30 PM – 03:40 PM	Tabulation of Scores
03:40 PM – 04:00 PM	<b>AWARDING CEREMONY</b>

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PHOTODOCUMENTATION

**ENGR. CHRISTYLENE S. BALAGTAS**  
QUIZ MASTERS

## PAKIGSANGKA 3.0: PICHE-CDO Inter-Senior High School Quiz Bee

September 19, 2019 | 1PM – 4PM | Limketkal Mall Activity Center

### GENERAL GUIDELINES

1. The competition is organized by the Philippine Institute of Chemical Engineers - Cagayan de Oro (PICHE-CDO) Chapter as part of the annual ChE Week celebration.
2. The competition is open to all bonafide senior high schools in the province of Misamis Oriental under the General Academic track – SCIENCE, TECHNOLOGY, ENGINEERING and MATHEMATICS (STEM) strand.
3. Each participating SHS will have a total of three (3) participants of either of the following combinations:
  - a. 3 Grade 11 students
  - b. 3 Grade 12 students
  - c. 2 Grade 11 students and 1 Grade 12 student
  - d. 2 Grade 12 students and 1 Grade 11 student

They must present their validated student ID cards and/or registration forms during the competition day upon registration.

4. The competition will cover specialization subjects (General Mathematics, Chemistry, Physics, and Biology) and will touch trivial questions related to Chemical Engineering.
5. To confirm attendance in the event, any school representative may send the following information below to [roseigdon@gmail.com](mailto:roseigdon@gmail.com):

Name of School:

Name of Participants – Grade Level:

Name of Coach:

Contact information:

You may also register online at:

[https://docs.google.com/forms/d/1Wm5gJku0Q8zvZUGEFry0kKWIZUyc\\_3FFLQfatI5SZo/](https://docs.google.com/forms/d/1Wm5gJku0Q8zvZUGEFry0kKWIZUyc_3FFLQfatI5SZo/)

Should there be substitution(s) on the day of competition due to absence or unavailability of the confirmed contestant(s), the school should inform the organizers as soon as possible to avoid disqualifications. Substitutions once the quiz bowl has started will not be allowed.

### RULES OF ENGAGEMENT:

1. The competition will be divided into three (3) rounds. Each round is composed of twenty (20) questions for the easy round, fifteen (15) for the average round, and ten (10) for the difficult round.
2. In each round, the questions provided are time-limited depending on its difficulty. Easy questions are answerable for 15 seconds. Average questions are time bounded at 30 seconds and lastly, difficult questions will be answered for 1 minute.
3. Corresponding points are given depending on its difficulty. An easy question is worth 1 point. Average question is worth 3 points and a difficult question is worth 5 points each.
4. For the first two rounds, 5-second bonus questions are inserted in the middle of the competition. Each question is worth 1 point and will add up to the total points of the participant for that specific round.
5. No coaching from the audience is allowed.
6. No calculators are allowed during the contest proper.
7. Answers shall be submitted with *relevant units of measure*.



## PHILIPPINE INSTITUTE OF CHEMICAL ENGINEERS

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8. All answers for any problem-solving questions must be rounded off to *two decimal places only*. Rules for rounding off: 22.521 becomes 22.52, 22.525 becomes 22.52, and 22.527 becomes 22.53.
9. The time limit shall start and the contestants may start answering after the question has been read twice and the quiz master declares "*Time starts now*".
10. The contestants shall stop once "Time's up!" is declared. Contestants will directly raise their answer boards after the "Time's up!" is declared. *No answer shall be accepted once the time limit has expired and answer has been shown.*
11. After all teams have raised their answers, the correct answer to the question will be projected on the screen and read by the quizmaster for the information of the teams and the audience. An official scorer shall monitor which teams get the correct answers.
12. The contestant, their teammate, or their coach may raise protests. *However, protests against the current question shall only be heard before the next question is read.*
13. *The decision of the board of judges shall be final and binding.*
14. The top three teams in the final round will be declared as the 2019 PAKIGSANGKA: PICHE-CDO Inter-Senior High School Quiz Bee winners and will receive trophies, medals and cash prizes.
15. The Quiz Bowl organizers reserve the right to eject any participant or member of the audience who they believe is detrimental to the orderly conduct of the contest.
16. Technical protests be raised prior to start of quiz bowl proper. The protests accepted during quiz bowl be limited to the questions.