



Republic of the Philippines  
**Department of Education**  
Cordillera Administrative Region  
**SCHOOLS DIVISION OF BAGUIO CITY**

**ADVISORY NO. 005-2024**

February 16, 2024

In compliance with DepEd Order No. 8, s. 2013  
this advisory is issued not for endorsement per DO 28, s. 2001  
but only for the information of DepEd Officials, personnel, staff, as well as the  
concerned public. (visit [www.deped.gov.ph](http://www.deped.gov.ph))

**17<sup>th</sup> ZONAL CHEMISTRY CONGRESS**

The Central Luzon University Chemical Society will be conducting the 17<sup>th</sup> Zonal Chemistry Congress on February 24, 2024. Events in the said congress are as follows:

1. Research Outline Competition
2. Philippine National Chemistry Olympiad 2024 Regional Elimination

Enclosed are the details of the events for your reference and information. Participation and expenses on the said activity is personal and voluntary, and shall be subjected to the "no-disruption-of classes" policy stipulated in DepEd Order No. 9, s. 2005, titled "Instituting Measures to Increase Engaged Time-On-Task and Ensuring Compliance Therewith".

For more queries, contact directly the CLSU ChemSo at 09266250154/09082926713 or through [clsuchemso.vpinternals@gmail.com](mailto:clsuchemso.vpinternals@gmail.com).

**SORAYA T. FACULO PhD, CESO VI**  
Assistant Schools Division Superintendent  
OIC – Office of the Schools Division Superintendent

For the OIC Schools Division Superintendent:

**CARMEL F. MERIS**

Officer – in- charge

Office of the Assistant Schools Division Superintendent





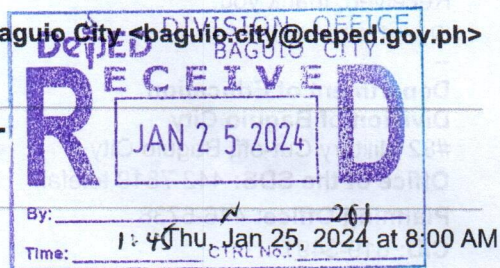
**17TH ZONAL CHEMISTRY CONGRESS ENDORSEMENT**

2 messages

CLSU Chemso VP Internal Affairs &lt;clsuchemso.vpinternals@gmail.com&gt;

Cc: clsuchemicalsociety@gmail.com

Bcc: baguio.city@deped.gov.ph



Greetings!

The **CLSU Chemical Society (CLSU Chemso)** is an academic and civic-oriented college-based student organization duly recognized by Central Luzon State University through the Office of Student Affairs. For almost four decades, the organization has been committed to set, upgrade, and maintain interest and endeavor in the field of Chemistry, to assist the students in their physical, cultural and intellectual advancement, and to promote momentous ideals of educational services to the people and to the country.

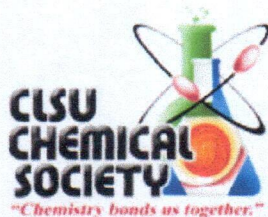
To start the year 2024 fruitfully, the CLSU Chemso will be conducting the **17th Zonal Chemistry Congress** which will include the **We Chem Write: Research Outline Competition** and the **Philippine National Chemistry Olympiad (PNCO) 2024 Regional Elimination**, in cooperation with the Kapisanang Kimika ng Pilipinas – National Chapter. These events will be held on **February 24, 2024**, respectively, aiming to spark the interest of students in the field of Chemistry as well as in Science and Technology as a whole. The organization also visions fostering good harmony among the science students of **Regions I, II, III, and the Cordillera Administrative Region (CAR)**.

Hence, our organization cordially **requests your assistance** in achieving these objectives by **endorsing our event to the secondary schools in your region**. Additionally, we also ask for any information that could help us in communicating with them directly.

Attached here are the **Endorsement Letter and Rules and Guidelines**. Should you have any questions or concerns, feel free to contact us.

Thank you very much! We are looking forward to working with you in making this event a success.

--  
**ROSELYN F. SIMON**  
*Vice President for Internal Affairs*  
CLSU Chemical Society



**ROSELYN F. SIMON**  
VICE PRESIDENT FOR INTERNAL AFFAIRS  
Educational Committee Head  
✉ clsuchemso.vpinternals@gmail.com

fb.com/clsuchemso    clsuchemicalsociety@gmail.com  
@clsu\_chemso    tinyurl.com/ChemSoYTChannel

**Endorsement Letter and Rules and Guidelines.pdf**  
851K



Received, thank you.

[Quoted text hidden]

Department of Education  
Division of Baguio City  
#82 Military Cut-off, Baguio City  
Office of the SDS: 442-7819 telefax  
Planning Office: 446-6738  
CID: 619-3491  
COA Office: 424-1379 telefax  
E-mail: [baguio.city@deped.gov.ph](mailto:baguio.city@deped.gov.ph)  
Website: [www.depedpines.com](http://www.depedpines.com)



13TH ZONAL CHEMISTRY CONGRESS ENDORSEMENT

2 messages

CLSU Chemical Society  
CLSU Chemical Society  
CLSU Chemical Society

Greatings!

The CLSU Chemical Society (CLSU Chemsoc) is an academic and student-oriented college-based student organization duly recognized by Central Luzon State University through the Office of Student Affairs. For almost four decades, the organization has been committed to self-upgrade, and maintain interest and endeavor in the field of Chemistry to assist the students in their personal, cultural and intellectual advancement, and to promote momentous ideals of educational services to the people and to the country.

To start the year 2024 triumphantly, the CLSU Chemsoc will be conducting the 13th Zonal Chemistry Congress which will include the We Chem Write: Research Outline Competition and the Philippine National Chemistry Olympiad (PNCO) 2024 Regional Elimination. In cooperation with the Kapagayang Kimikang Pilipinas - National Chapter, these events will be held on February 24-25, 2024 respectively, aiming to spark the interest of students in the field of Chemistry as well as in Science and Technology as a whole. The organization also values fostering good harmony among the science students of Regions I, II, III, and the Cordillera Administrative Region (CAR).

Hence, our organization cordially requests your assistance in solving these queries by endorsing our event to the secondary schools in your region. Additionally, we also seek for any information that could help us in communicating with their faculty.

Attached here are the Endorsement Letter and Rules and Guidelines. Should you have any questions or concerns, feel free to contact us.

Thank you very much! We are looking forward to working with you in making this event a success.

ROSELYN F. SIMON  
Vice President for Internal Affairs  
CLSU Chemical Society

Endorsement Letter and Rules and Guidelines.pdf  
13th



## EXECUTIVE COUNCIL

A.Y. 2023 - 2024

**ROBERT CYRILL R. ANGOLUAN**

President

09082926713

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Vice President for Internal Affairs

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Lady Master Initiator

Alumni Relations Committee Head

**MARK JONATHAN M. MATA**

Gender and Development Representative

**MR. GIL FELICISIMO S. CABRERA**

Adviser

January 25, 2024

To whom it may concern:

Greetings!

The **CLSU Chemical Society** (CLSU Chemso), is an academic and civic-oriented college-based student organization, duly recognized by the Central Luzon State University through the Office of Student Affairs. It is composed of BS Chemistry students, dedicated to (1) maintain interest and endeavor in the field of Chemistry, and (2) to encourage and promote momentous ideals of educational services to the people and to the country to which students in general are pledged to serve.

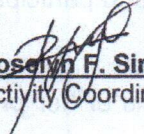
In accordance with the aforementioned goals, CLSU Chemso will host the **17th Zonal Chemistry Congress** on **February 24, 2024, Saturday**, which will include the **We Chem Write: Research Outline Competition** and the **Philippine National Chemistry Olympiad (PNCO) 2024 Regional Elimination**. This aims to promote science and technology, particularly chemistry, among secondary science students in Regions I, II, III, and the Cordillera Administrative Region (CAR), as well as student camaraderie.

To achieve these objectives, **we humbly request your assistance in promoting our event to various high schools within your scope**. In addition, may we ask your help in assisting us in contacting them directly by providing any information you have. Rest assured that, in compliance with the RA 10173, otherwise known as the Data Privacy Act of 2012, the contact information you will give will only be used for the indicated purpose.

The guidelines and mechanics for the 16th Zonal Chemistry Congress are attached here, as well as further information regarding the event. Should you have any queries, you can contact us at **09266250154/ 09082926713** or at **clsuchemso.vpinternals@gmail.com**.

We are hoping for your positive response regarding this matter and it will be very much appreciated. Thank you and God bless!

Sincerely,


  
**Roselyn F. Simon**  
 Activity Coordinator


  
**Robert Cyrill R. Angoluan**  
 President, CLSU Chemical Society

Noted by:


  
**Mr. Gil Felicisimo S. Cabrera**  
 Adviser, CLSU Chemical Society



## PNCO 2024 REGIONAL ELIMINATION CONTEST RULES AND GUIDELINES

### REGISTRATION

1. Only **Junior and senior high school students** from **Regions 1, 2, 3, or CAR** are eligible to participate the regional elimination. He or she must be enrolled in high school during SY 2023-2024. During the contest, contestants must wear their school ID. Each school can only have a **maximum of three participants**.
2. Interested parties/schools may register for the regional contest by filling up the **registration form**: <http://tinyurl.com/PNCO2024Registration>. After they complete the form, the organizers will send an email to the school informing them of the status of their registration at most a week after they have accomplished the form.
3. **Each competitor will be charged of 150 pesos as registration fee**. Payments can be made by GCash or bank transfer. If GCash is being used, kindly ensure to include the information of the participant who paid the registration fee in the message section using the format: **REGION\_SCHOOL\_NAME** (e.g. R3\_CLSU\_JUAN DELA CRUZ). The screenshot or image of the transactions will be used as payment proof.

#### GCash

Account #: 0976 050 0765

Account Name: KRISTA DELA ROSA

#### LANDBANK:

Account #: SA 1536 1231 01

Account Name: KRISTA DELA ROSA

4. For successful registration, the school must send their accomplished Registration Form on or before **February 14, 2024, at 8:00 pm**.

### PRIZE AND PNCO FINALS

1. The **top three (3)** scorers will receive Certificates of Commendation, and cash prizes of P3,000 for the champion, P2,000 for the 1st runner-up, and P1,000 for the 2nd runner-up.
2. Only the **top five (5) scorers** in Regions I, II, III, and CAR shall **represent** their region to the **2024 Philippine National Chemistry Olympiad**.

### CONTEST PROPER

1. **No face-to-face interaction** between the organizers and participants will take place. The competition will be done online using **Zoom** as the chosen platform.
2. The **participant's guardian or parent** will serve as his or her **proctor** during the contest. However, the participant's proctor must **not be a science teacher**.
3. All participants must be there with co-participants in a room during the contest proper.
4. Proctor will **stay inside the room** with the participants. They are **not allowed to talk or go near** the participant during the competition unless the participant has clarifications regarding the questions. In this case, the proctor will contact the organizers. Otherwise, they will just serve as spectators while the contestants are answering.



## QUIZ & QUESTIONNAIRE

1. The quiz will be in type-written format only. Laboratory skills competition will not be included during the regionals.
2. The participant/s will be seated in a room and will answer questions **with a total worth of 50-100 points**. The **questions will vary from multiple choice to problem-solving** to prepare the participants for the national competition.
3. The **Zoom link** that will be used will be sent to the email address of the proctors or schools at least **30 minutes** before the contest proper.
4. Participants will be given **2 hours** to answer the questions in the questionnaire provided. The exam will open at exactly 9:00 am and will close at exactly 11:00 am. Participants will be given **30 minutes** for sending their papers.
5. Separate sheets of **short bond papers** must be used by the participant to show their solutions and answers. The **final answers** should be **boxed**. The participant must show neat solutions and should have a few erasures in his or her papers.
6. Scanned copies or clear pictures of the participant's papers must be sent right after answering the questionnaire. Their papers should be attached in the **Google Form** that will be sent together with the link.
7. The use of a **non-programmable calculator** is allowed. **Books, notes, and browsing the internet are not allowed** during the contest proper.
8. Sharing of pen, pencil, eraser, etc. between participants is not allowed. All questions must be addressed to the proctor only.
9. Participants **must not leave the room** before they submit their answer sheets. This includes the use of the toilet. Answer sheets left unattended are considered done.
10. Answer sheets will be checked by College Professors/Instructors. Their decision will be final and irrevocable.
11. The scores and winners of the contest will be posted on the Zonal Chemistry Congress' official Facebook page and will be sent to schools' email addresses at most a week after the event.

## DISQUALIFICATION

1. **Papers sent 30 minutes late beyond the allotted time of submission** may be **disqualified** if the reason for the delay is not coordinated.
2. Cellphones, laptops, and other similar devices, and access to the internet during the contest are only for the Zoom application, other than the one mentioned will be a ground for disqualification.
3. Contestants must join the zoom before the contest proper start. **Late contestants** will be disqualified.



## QUIZ COVERAGE

Matter and its properties	Intermolecular Forces and Liquids and Solids
Measurements	Physical Properties of Solutions
Atoms, Molecules, and Ions	Thermochemistry
Stoichiometry	Chemical Kinetics
Gases	Chemical Thermodynamics
Electronic Structure of Atoms	Chemical Equilibrium
Electronic Structure and Periodicity	Acid – Base Equilibria and Salt Equilibria
Chemical Bonding – Ionic Bonds	Electrochemistry
Covalent Bonds	Organic Compounds

Questions involving more advanced topics may also be included. These advanced topics may cover:

- Solid-State and Coordination Chemistry (e.g., crystal structures, crystal field theory, and isomerism of inorganic complexes)
- Thermodynamics (e.g., gases, liquids, solids, temperature dependence of equilibrium constants, electromotive force, and Gibbs free energy)
- Electrochemistry and Electrochemical Analysis (e.g., amperometry, voltammetry, and conductometry, and potentiometry)
- Kinetics (e.g., catalysis, the Arrhenius equation, and integrated rate laws)
- Organic Chemistry (e.g., stereoisomerism, simple stereocontrolled organic transformations, [4+2]-cycloaddition, and [3,3]-sigmatropic rearrangement)
- Spectroscopy (e.g., correlation of simple organic structures with their  $^1\text{H-NMR}$ ,  $^{13}\text{C-NMR}$ , or IR data)
- Analytical Chemistry (e.g., acid-base titrations, complexometric titrations, redox titrations, spectrophotometry, and Beer-Lambert's Law)



## WE CHEM WRITE: RESEARCH OUTLINE COMPETITION RULES AND GUIDELINES

### REGISTRATION

1. Participants must be **junior or senior high school students from Region 1, 2, 3, or CAR**. He or she must still be in high school during SY 2022-2023. Each school will only have three (3) **participants which will form as a team**.
2. Interested parties may register for the We Chem Write: Research Outline competition by filling up the **registration form**: <http://tinyurl.com/WECHEMWRITERegistration>. The organizers will email the school regarding the status of their registration at most a week after they answer the form.
3. There will be **100 pesos registration fee** for this event. Payments can be made by GCash or bank transfer. If GCash is being used, kindly ensure to include the information of the participant who paid the registration fee in the message section using the format: **REGION\_SCHOOL\_NAME** (e.g. R3\_CLSU\_JUAN DELA CRUZ). The screenshot or image of the transactions will be used as payment proof.

#### GCash

Account #: 0976 050 0765

Account Name: KRISTA DELA ROSA

#### LANDBANK:

Account #: SA 1536 123 101

Account Name: KRISTA DELA ROSA

4. For successful registration, the school must accomplish the Registration Form **on or before February 10, 2024, at 8:00 pm**.

### CONTEST PROPER

1. All **three (3) contestants** will be considered as a **team**. Each team will be given **5 research articles** which will serve as their literature and guide for writing their research outline.
2. All participants must be on the **same place** and **not allowed to leave** the room during the contest proper. Face-to-face interaction with their proctor will not be allowed.
3. Each team must only use **one device (preferably a laptop)** to type their research outline. The outline must consist of a **short introduction of the study, significance, and methodology**.
4. The outline does **not need to be long or detailed**. It must only have to explain the **scope of the research**.
5. The student must **Bluetooth** their outline to their proctor and the proctor will be the one to pass their entry.
6. **Using and browsing of the internet is not allowed** during contest proper and automatically disqualified when proven guilty.
7. Bringing of snacks and water is allowed.
8. The contest will start at **8:00 am to 12:00 pm, February 24, 2024**. Early submission will be allowed, and the participants will only be given, 30 minutes for submitting their entry.
9. All entries must be submitted in **.pdf format**. A link will be provided for the submission of entries. No more entries will be accepted beyond the set deadline.
10. Before submission, make sure that all entries are renamed by following the format: **REGION\_SCHOOL\_NAME OF STUDENTS** (e.g. R3\_CLSU\_JUAN DELA CRUZ).



## CRITERIA FOR JUDGING

1. The judges will evaluate all entries using the following criteria:
  - a. **Significance of the Research:** Is the research topic important and does it contribute to the existing body of knowledge in the field?
  - b. **Clear Objectives:** Are the research objectives well-defined and aligned with the research question?
  - c. **Methodology:** Is the research methodology clearly outlined, including data collection methods, sampling techniques, and analytical approaches?
  - d. **Feasibility:** Is the proposed research feasible within the available resources?
  - e. **Writing Quality:** Is the research outline well-written, with proper grammar, punctuation, and clarity of expression?

CRITERIA	PERCENTAGE
Significance of the Research	30%
Clear Objectives	25%
Methodology	20%
Feasibility	15%
Writing Quality	10%
<b>TOTAL</b>	<b>100%</b>

## PRIZES & AWARDS

1. The **top three (3) scorers** will receive **Certificates of Commendation**, and cash prizes of P2,000 for 1<sup>st</sup> place, P1,500 for the 2<sup>nd</sup> place, and P1,000 for the 3<sup>rd</sup> place.