



Republic of the Philippines  
Department of Education  
NATIONAL CAPITAL REGION  
SCHOOLS DIVISION OFFICE OF MUNTINLUPA CITY

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Advisory No. 136, s. 2024

DEC 13 2024

December 13, 2024

In compliance with DepEd Order (DO) No. 8, S 2013  
This advisory is issued for the information of DepEd officials,  
personnel/staff, as well as the concerned public.

**RESEARCHFAIR 2025**

Attached is a letter from University of the Philippines Academic League of Chemical Engineering Students, Inc. (UP ALCHEMES, Inc), will hold the 24<sup>th</sup> Annual Research Fair dated January 16-18, 2025 the above -mention title, contents of which are self-explanatory, for the information and guidance of all concerned.

Participation of public-school counselors and educational leaders shall be subject to the no-disruption-of -classes policy stipulated in DepEd Order No. 9, s.2005 entitled the theme for this year's Convention is "*Counselors as Change Advocates: Fostering Well- being and Generational Engagement.*"

Moreover, schools are reminded of the "No Collection and No Selling of Tickets Policy" stipulated in DepEd Order Nos. 19 and 40, s. 2008 and RA Nos. 4206 and 554.

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# RESEARCH FAIR 2025

**GOLCONDA:** Polishing the Innovative  
Facets of the Filipino Youth

# PRIMER

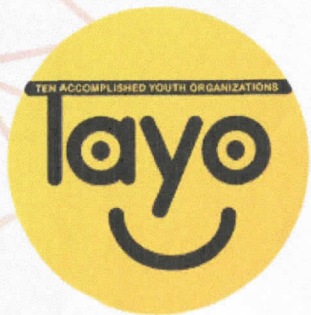


**UP ALCHEMES INC.**

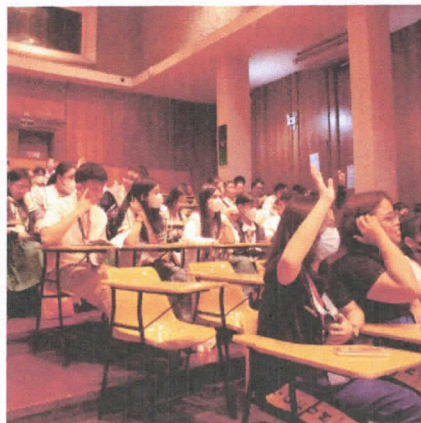


# ABOUT THE EVENT

**Research Fair** is the first and flagship event of UP ALCHEMES, earning recognition for the organization through years of service to the Filipino youth. Now in its 24th year, Research Fair continues its mission of **inspiring young minds and maximizing their potential for scientific innovation and excellence.**



Through Research Fair, UP ALCHEMES has been acknowledged as one of the **Ten Accomplished Youth Organizations (TAYO)** in 2016. In this competition, Research Fair represented excellence in the field of Education and Technology, having been chosen for its vision to raise the nation's bar of science and technology to a global level.





# ABOUT THE THEME

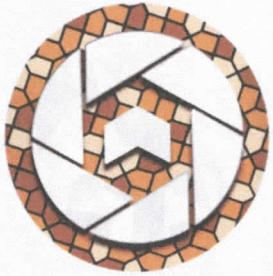
This year, Research Fair 2025 shines bright with the theme **GOLCONDA: Polishing the Innovative Facets of the Filipino Youth**. Inspired by the legendary Golconda diamonds of India, known for their exceptional brilliance and purity, this theme embodies the idea of uncovering and refining the inherent potential of the youth. The theme symbolizes the meticulous process of innovation, where every facet of knowledge and skill is polished to perfection, resulting in a generation of bright minds poised to dazzle on the scientific stage.



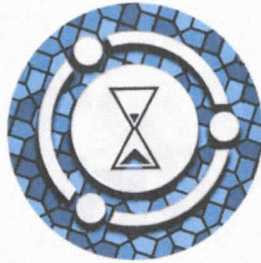
Just as rough diamonds are transformed through careful craftsmanship, Research Fair aims to **nurture and hone the raw talents of young Filipino scientists**, shaping them into innovators who will lead the future of science and technology.



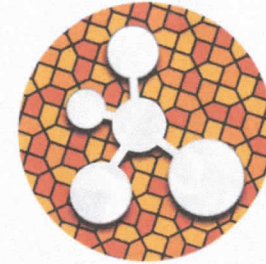
# ABOUT THE SUB-EVENTS



The **Youth Science Convention** is a dynamic event composed of a case study competition, talks, workshops, and lab tours, where experts recognized in their respective scientific fields impart their knowledge and expertise to participants. This sub-event inspires and fuels participants to find their niche in pushing the advancement of science and technology amidst the ever-present winds of change.



The **National Science Conquest** is a friendly competition that tests participants' knowledge and understanding of the various branches of science. Contestants go through various quiz bees and examinations to determine who reigns champion. This competition aims to recognize the potential of the youth to excel in science and technology.



The **Research Competition** is the core of Research Fair. It celebrates the innovation, creativity, and scientific aptitude displayed by the participants in their research projects. This also serves as an avenue for participants and judges alike to be exposed to different research perspectives and insights. The competition promotes engaging in research and recognizing breakthroughs in the fields of science and technology.

**92 participants**  
**11 schools**

**35 teams**  
**18 schools**

**161 entries**  
**45 schools**

\*FIGURES DENOTE RF2024 DATA



# RESEARCH FAIR IN NUMBERS

**631**

PARTICIPANTS  
**624 (2020)**

**56**

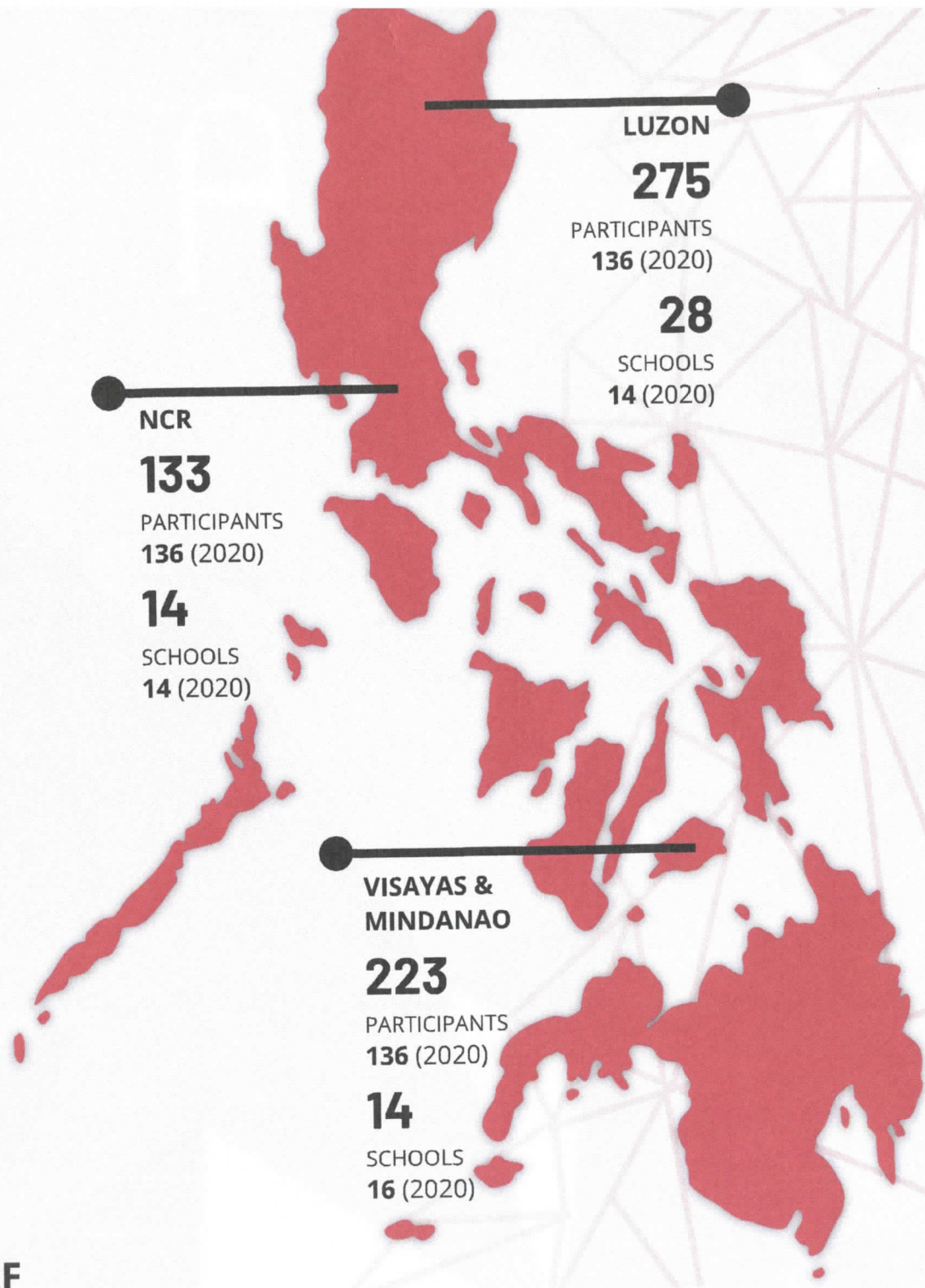
SCHOOLS  
**24 (2020)**

**30.3K**

FACEBOOK LIKES

**31.8K**

FACEBOOK PAGE  
FOLLOWERS



**\*BOLD FIGURES DENOTE RF2024 DATA**  
**\*RF2020 WAS CONDUCTED IN-PERSON/F2F**

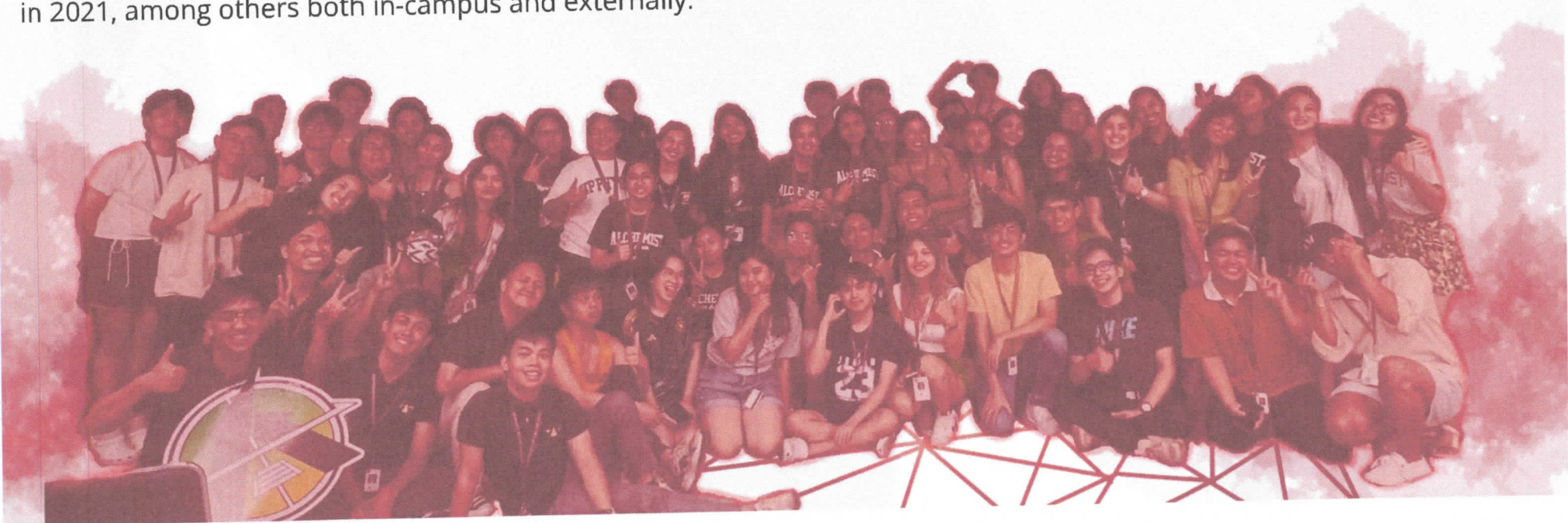


# ABOUT THE ORGANIZERS

The **University of the Philippines Academic League of Chemical Engineering Students, Inc. (UP ALCHEMES, Inc.)** is a premier academic non-profit student organization from the University of the Philippines - Diliman and is duly recognized by the college and university. It is composed of undergraduate students from the university's Chemical Engineering program governed and guided by the organization's core values of genuine **service**, distinctive **humility**, unparalleled **academics**, dignified **professionalism**, and soaring **excellence**.



Through its consistent performance over the years, UP ALCHEMES has been a recipient of numerous accolades including two-time Philippine Institute of Chemical Engineers - Junior Chapter Luzon (PIChE - JCL) **Best Chapter Organization**, the **Parangal sa Samahang Mag-aaral** recognition by the UP Diliman Office of the Vice Chancellor for Student Affairs (OVCSA) in 2021, and **Ignacio B. Gimenez Awards for Outstanding Student Organization Award** in 2016 and for **UP Student Organizations' Social Innovations Project for Environment and Disaster Risk Reduction** in 2021, among others both in-campus and externally.



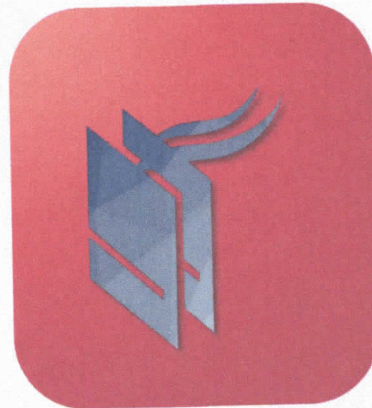


# ABOUT THE ORGANIZERS

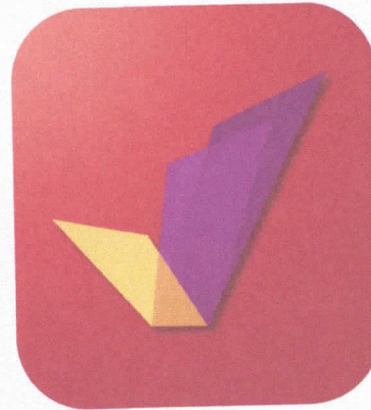
UP ALCHEMES has produced remarkable chemical engineers, professionals, and students including 63 Chemical Engineering Board Exam Topnotchers and 354 Latin honor graduates, who also offer their assistance and skills in UP ALCHEMES' roster of nationwide events.



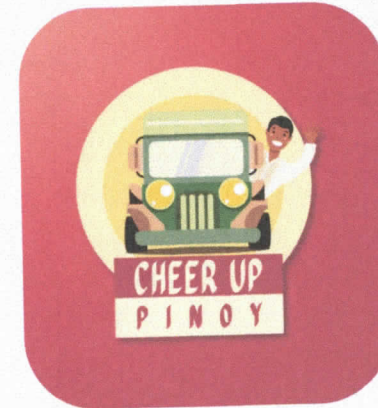
**Research Fair**



**Chemical Engineering  
Students Summit  
Philippines  
(ChESS PH)**



**Chemical Engineer  
Licensure  
Examination Primer  
(ChEckBoard)**



**Cheer UP Pinoy**

Over its 25 years and counting, the organization, its members, and its programs and events are anchored to and driven by their **dedication to genuine service** for and with the Filipino people, **making a difference and breaking free** towards a brighter future.



# OUR ADVOCACY

**Youth Scientist of Today  
Nation Builder of Tomorrow**

UP ALCHEMES recognizes its shared responsibility to contribute and pursue a sustainable society. Research Fair 2025 serves to **promote the Filipino youth's potential to improve the present and set the future**. The organization is committed to providing Filipino youth the platform to present their research and cultivate their innovative capabilities. Through this program and together, we envision and take our first flights to a better tomorrow.





# RESEARCH FAIR 2025

**KREXAN EMMANUEL BULOSAN**  
**KAMIA MIKAELA BONTUYAN**  
Project Managers

**ERIN CHRISTEN NOCEDA**  
Marketing

**PIA TIMAAN**  
RC Programs

**ROXANNE BANGSIL**  
NSC Programs

**JULIANNA ANGELES**  
YSC Programs

**CHELSEA REINE MARTIREZ**  
External Resources

**JYMARIE LIMPIADO**  
Finance

**GRANT SETHREY BALINGIT**  
**ROD VINCENT MORADA**  
Logistics

**RORIELLE INEFABLE**  
**AVRIL SIMBOL**  
Publicity and Creatives

**JADE ALTHEA MANANGAN**  
Secretariat

**IRA NOELLE CONCEPCION**  
Student Affairs

**PAUL IVAN TUPAZ**  
Technicals

**VLY FORTIUS VILLEGAS**  
UP ALCHEMES President

**RAMUEL JOHN TAMARGO**  
UP ALCHEMES Adviser

## RESEARCH FAIR 2025 STEERING COMMITTEE

University of the Philippines Academic League of Chemical Engineering Students Inc.

2/F West Wing, Melchor Hall, UP Diliman  
1101, Diliman, Quezon City, Philippines

[rfsc@upalchemes.org](mailto:rfsc@upalchemes.org)

[/upalchemesresearchfair](https://www.facebook.com/upalchemesresearchfair)

[researchfair.upalchemes.org](https://www.researchfair.upalchemes.org)

**22 November 2024**

**Violeta M. Gonzales**

**Superintendent**

**Department of Education National Capital Region**

**Dear Mx. Gonzales,**

Greetings!

We are from the **University of the Philippines Academic League of Chemical Engineering Students, Inc. (UP ALCHEMES, Inc.)**, a duly registered academic organization from the UP Diliman College of Engineering. UP ALCHEMES is committed to promoting academic excellence, benevolent service, and holistic development through worthwhile projects and programs for its members, the college, the university, and the nation.

This coming **January 16-18, 2025**, our flagship event, the annual **RESEARCH FAIR**, will once again commence. Research Fair is a three-day research-based assembly for high school students all over the country. Since its establishment in 2002, Research Fair has become a forefront manifestation of the organization's commitment to promote and uphold scientific excellence among the youth.

In its 24th year, with the theme **GOLCONDA: Polishing the Innovative Facets of the Filipino Youth**, Research Fair 2025 will be held in a **face-to-face** format, providing high school students with an avenue to invest their minds in scientific discovery and innovations through its established sub-events: the Research Competition, the National Science Conquest, and the Youth Science Convention.

In line with this, we would like to request your support in this momentous endeavor in the form of an official endorsement from your division office for this particular event. This will ensure that high school students within your division are made aware of this opportunity and will encourage their participation in this event. It will also commemorate 24 years of dedication to knowledge, and continue inspiring today's youth.

Kindly refer to the attached primer for more details regarding Research Fair 2025 and its sub-events. Should you have any clarification or inquiries, please do not hesitate to contact **Ira Noelle Concepcion** at **+63 945 137 8082** or at **researchfair.sa@upalchemes.org**. Your unwavering support and prompt response would be greatly appreciated. Thank you for your kind consideration!







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🌐 [researchfair.upalchemes.org](https://www.researchfair.upalchemes.org)

Respectfully yours,

**Ira Noelle Concepcion**  
School Affairs Head  
Research Fair 2025

Noted by:

**Kamia Mikaela Bontuyan**  
Co-Project Manager  
Research Fair 2025

**Krexan Emmanuel Bulosan**  
Co-Project Manager  
Research Fair 2025

**Dr. Ramuel John Tamargo**  
Adviser  
UP ALCHEMES

