



Republic of the Philippines  
**Department of Education**  
REGION X – NORTHERN MINDANAO  
**SCHOOLS DIVISION OF EL SALVADOR CITY**

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**Office of Schools Division Superintendent**

DIVISION ADVISORY  
No. 107, s. 2022  
July 21, 2022

*In compliance with DepEd Order No. 8, 2013,  
this Advisory is issued not for endorsement as per DO No. 28, 2001  
but for the information of DepEd Officials, Personnel/ Staff, and the concerned public.  
(visit <https://depedelsalvadorcity.net>)*

**NATIONAL ROBOTICS COMPETITION 2022**

The Pinoy Robot Games is inviting teachers and learners to participate in **National Robotics Competition (NRC) 2022** with the theme “Greener Digital Cities”. The final competition will be on September 30 to October 8, 2022.

Attached is the communication for the complete details.

Further, this Office shall adhere to Equal Opportunity Principle (EOP). Hence, all actions shall be based solely on guidelines set with no discrimination on the account of age, gender, identity, sexual orientation, civil status, disability, religion, ethnicity, or political affiliation.

Participation shall be subject to the *no-disruption-of-classes policy* stipulated in DepEd Order No. 09, s. 2005 entitled *Instituting Measures to Increase Engaged Time-On-Task and Ensuring Compliance Therewith*.

For information and guidance.

**OLGA C. ALONSABE, PhD, CESO V**  
Schools Division Superintendent *A*

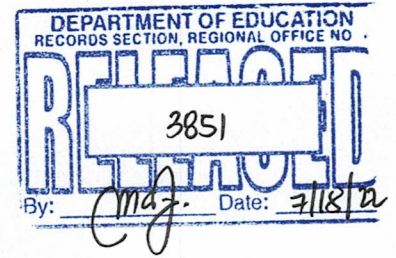
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Address: Zone 3, Poblacion, El Salvador City | Tel. No. (088) 555-0475  
Website: [www.depedelsalvadorcity.net](http://www.depedelsalvadorcity.net) | Email: [elsavador.city@deped.gov.ph](mailto:elsavador.city@deped.gov.ph)



Republic of the Philippines  
**Department of Education**  
REGION X - NORTHERN MINDANAO



Regional Advisory No. 142, s. 2022  
July 12, 2022

Complying with DepEd Order No. 8, s. 2013,  
this Office issues this Advisory not for endorsement per DO 28, s. 2001,  
but for the information of DepEd officials,  
personnel/staff, and the concerned public.  
(Visit [deped10.com](http://deped10.com))

**NATIONAL ROBOTICS COMPETITION 2022**

The Pinoy Robot Games is inviting students to join the **National Robotics Competition (NRC) 2022** from September 30 to October 8.

The participation of both public and private schools shall be on a voluntary basis. As such, the participants themselves shall shoulder any registration fees and travel/incidental expenses. Further, their participation shall be subject 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*, Section 3 of Republic Act No. 5546 (Policy on Contributions), and DepEd Order No. 66, s. 2017 (Policy on Off-Campus Activities).

Attached is the letter from the Pinoy Robot Games for reference.

For more information, please email at [pinoyrobotgames@gmail.com](mailto:pinoyrobotgames@gmail.com).

This Office directs the immediate and wide dissemination of this Advisory.

ATCH: As stated  
To be indicated in the Perpetual Index  
under the following subjects:

INVITATIONS      GAMES

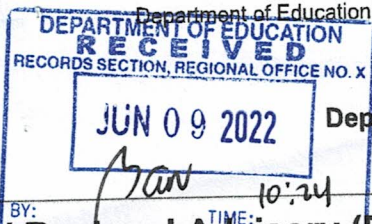
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DepEd Regional Office X, Zone 1, Upper Balulang, Cagayan de Oro City  
(088) 856-3932 | (088) 881-3137 | (088) 881-3031  
Department of Education Region 10  
[region10@deped.gov.ph](mailto:region10@deped.gov.ph)  
<http://deped10.com>



6/9/22, 9:00 AM



Department of Education Mail - Request of DepEd Regional Advisory (Region X)

22-77505

Department of Education Region 10 <region10@deped.gov.ph>

**Request of DepEd Regional Advisory (Region X)**

1 message

Wed, Jun 8, 2022 at 10:01 PM

**pinoyrobot games** <pinoyrobotgames@gmail.com>  
To: Department of Education Region 10 <region10@deped.gov.ph>  
Cc: arturo.bayocot001@deped.gov.ph, nick.panares@deped.gov.ph

Dear Dr. Bayocot:

Greetings from Pinoy Robot Games!

Please follow the link below to see the following attachments:

- Letter of Request
- DepEd Advisory Prerequisite Documents:
  - General Information Sheet,
  - Program, Project, Activity (PPA) profile,
  - SEC Registration
  - Registration Certificate
- NRC2022 Calendar of Events
- Letter of invitation to the divisions

<https://bit.ly/DepEd-R10>

Thank you and stay safe...

Engr. Anderson C. Paunellan Jr.  
Pinoy Robot Games  
0915 4131355

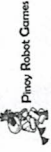


**General Information Sheet**

|   |   |
|---|---|
| <p>1. Name of Company and nature of the Company</p> <p><b>Data Science &amp; Technology Corp (DSTC)</b> is an educational technology solutions provider. It works with international and local STEM (Science, Technology, Engineering, Mathematics) development companies from the USA, Middle East, East Asia, and Southeast Asian countries to come up with the most relevant classroom tools to provide teachers and students a fun and meaningful way of learning and teaching.</p> <p><b>Pinoy Robot Games</b> is a CSR Business unit of DSTC that organizes teacher training, preparation of teams for international competitions, staging and managing the National Robotics Competition annually (since 2008), assisting regions and divisions in capacity building for Innovation projects and Robotics and Intelligent Machine projects. Robot Games are scaffolding activities to lead learners in developing Innovative &amp; RIM projects.</p> |   |
| <p>2. Office Address and Contact Numbers</p> <p>#295 Lot 7, Greenview Compound, Col. Bonny Serrano Ave., (Santolan Rd.) Quezon City 1100 +639399127127 +639178972349</p>  |   |
| <p>3. Website</p>   | <p><a href="http://www.pinoyrobotgames.org">www.pinoyrobotgames.org</a><br/><a href="http://www.genetic.edu.ph">www.genetic.edu.ph</a> / <a href="http://www.dstc.com.ph">www.dstc.com.ph</a></p>                             |
| <p>4. Social Media Account</p>  | <p>Fb: <b>Pinoy Robot Games</b></p>   |
| <p>5. Mission</p>   | <p>To provide quality IT training and educational opportunities as well as certification for individuals who are suitable and qualified.</p>  |
| <p>6. Vision</p>  | <p>To be a leading force in the promotion of Information Technology culture</p>   |
| <p>7. Contact persons and contact details (phone and email)</p>   |   |
| <p>Melvin Matulac</p>   | <p>+63921 7506368 <a href="mailto:melvin@pinoyrobotgames.org">melvin@pinoyrobotgames.org</a></p>  |
| <p>Anderson Paunellan Jr.</p>   | <p>+63915 4131355 <a href="mailto:apaunellan@gmail.com">apaunellan@gmail.com</a></p>  |
| <p>8. Collaborating researchers, professors, industry experts (contact details withheld for data privacy reasons. Available upon request with terms of use)</p>   |   |
| <p>Prof Danilo Mercado<br/>Prof Nello Altoveros<br/>Prof Jun Jo<br/>Chaiwat Limpornchitwilai<br/>Takashi Kanai</p>  | <p>Professors UPLB Computer Studies<br/>UPLB Professor Applied Physics<br/>Griffith University, Goldcoast Australia, Professor<br/>Inex Global, Thailand, Engineer<br/>Fuji Soft Japan, International Sumobot Chairperson</p> |

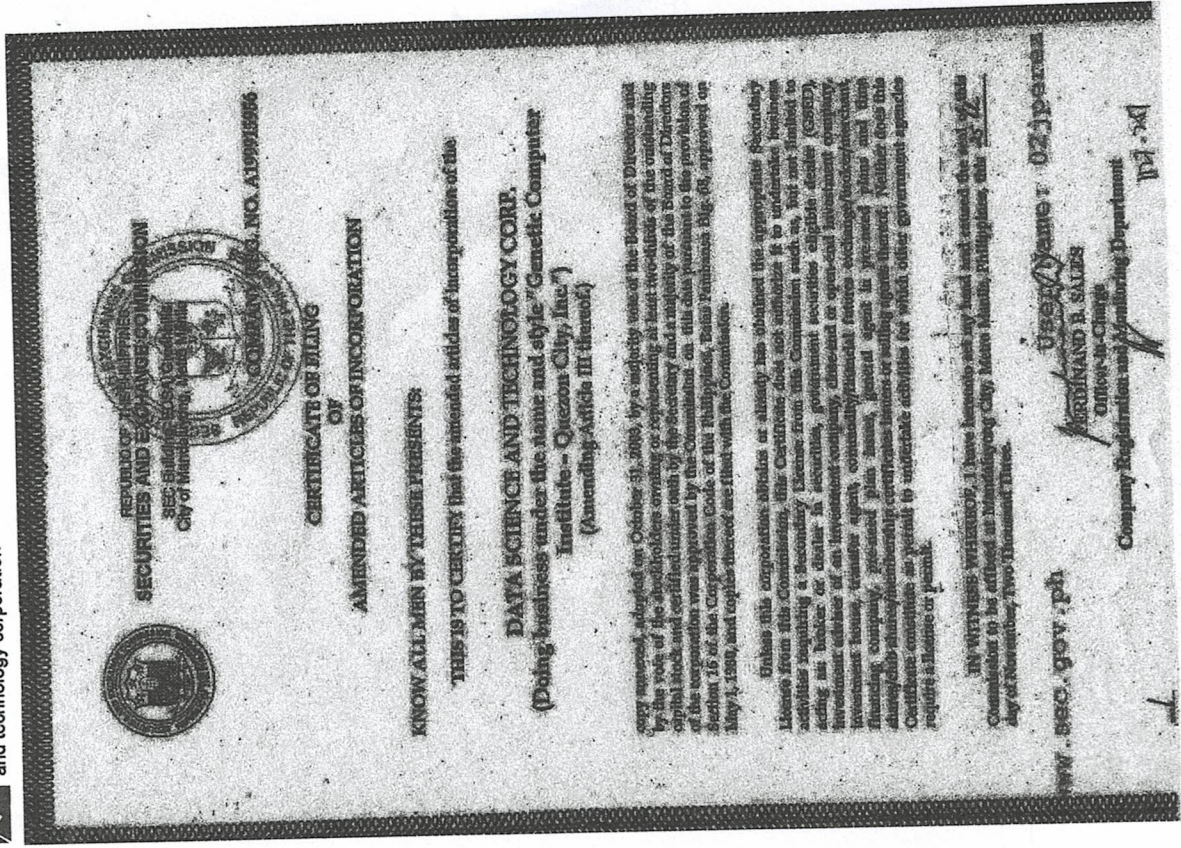
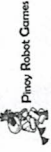
|   |   |
|---|---|
| <p>Anderson Moreira</p>   | <p>Instituto Maua de Tecnologia, Sao Paulo, Brazil (Professor)</p>                                  |
| <p>Affiliated International Organizations</p>   | <p>International Robot Olympiad, World Robot Games, World Innovation Technology Challenge, FIRA</p> |
| <p>9. Certificates</p>  | <p>DSTC SEC Registration (attached)<br/>DTI Business Certificate (attached)</p>                     |
| <p>10. Major Events serviced by Pinoy Robot Games in the last 3 years.</p>  |   |
| <p>A) Teachers Training on Robotics (on site)</p> <ul style="list-style-type: none"> <li>May 2019 - Robotics Training for Preschool Teachers - Quezon City</li> <li>Aug. 2019 - Davao City (arranged by Aboitiz Foundation)</li> <li>Dec. 2019 - Division of Sarangani</li> </ul> <p>B) Teachers Training on Introduction to Robotics (online - arranged by DepEd divisions and regional offices)</p> <ul style="list-style-type: none"> <li>April 2020 - Bayugan City, South Cotabato, Bukidnon, Digos, Palawan, Misamis Occidental, Surigao DN, Malaybalay, Valencia City, Dinagat Island, Bayugan, Bago City</li> <li>May 2020 - Baguio City, Ilocos Norte, Pangasinan, Alaminos, Aklan, Gen. Santos, Abra, Calapan, Masbate</li> <li>April 2021 - Angeles City Division</li> <li>Nov. 2021 - Bacoor City Division, Davao de Oro Division</li> <li>Feb. 2022 - Divisions of Baguio City, Benguet, Lipa City, Santiago City, Malolos City, Ormoc City, Palawan, Oriental Mindoro</li> <li>April 2022 - DepEd Region X (Davao Region)</li> </ul> |   |
| <p>National Robotics Competition 2018 (Tagaytay City) - 700+ participants<br/>National Robotics Competition 2019 (Iloilo City) - 300+ participants<br/>Kabataan Inyobator (by Aboitiz), 2019 (Davao City) - 240 participants<br/>National Robotics Competition 2020 (Pampanga) - 300+ participants<br/>National Robotics Competition 2021 (Online / Virtual) - 238 participants<br/>Int'l Robot Sumo Tournament 2021 - 64 participants from different regions &amp; countries<br/>NOLITC's Negros Occidental Battle of Bots 2021 - 50+ participants</p>   |   |
| <p>International Robot Olympiad (participating annually since 2007)<br/>World Innovative Technology Challenge (participating annually since 2017)<br/>World Robot Games (participating annually since 2016)<br/>All-Japan Robot SUMO (participating annually since 2017)</p>  |   |





Learning Development Plan (Chronological) Trainings and competitions targeted.

|  |  |  |
|--|--|--|
| <b>Date</b><br>June 2022<br>ongoing                      | <b>Title</b><br>Robotics SIP Consultation/Review   | <b>Venue</b><br>online   |
|  | <b>Objective</b><br>Build capacity of teachers and teams to develop quality robotics/technology projects   | <b>Target Participants</b><br>Teachers   |
| <b>Date</b><br>Sept 2022<br>planned                      | <b>Title</b><br>NOLITC Battle of BOTS  | <b>Venue</b><br>NOLITC, Bacolod city   |
|  | <b>Objective</b><br>Increase fundamental skills in robotics of students in Negros Occidental   | <b>Target Participants</b><br>K-12 and College students                                      |
| <b>Date</b><br>JULY 2022<br>SEPT 2022<br>planned         | <b>Title</b><br>SIP Capacity Building on Robotics and Intelligent Machines   | <b>Venue</b><br>Palawan & South Cotabato   |
|  | <b>Objective</b><br>Build capacity of teachers and teams to develop quality robotics/technology projects   | <b>Target Participants</b><br>DepEd Palawan teachers<br>DepEd South Cotabato teachers        |
| <b>Date</b><br>October 2022<br>planned                   | <b>Title</b><br>National Robotics Competition 2022 (F2F venues under negotiation)  | <b>Venue</b> (mixed online I2f)<br>Mandaluyong, Pangasinan, Cebu, Davao, CDO, South Cotabato |
|  | <b>Objective</b><br>Promotion of STEM SKILLS among young people through competitive robotics games. Development of Science Investigatory skills and Project Presentation | <b>Target Participants</b><br>K12 students Nationwide  |
| <b>Date</b><br>October 2022<br>to January '23<br>planned | <b>Title</b><br>Various International Robotics Competitions (IRO, WRG, WITC)   | <b>Venue</b> (tentative)<br>Singapore, Thailand, South Korea                                 |
|  | <b>Objective</b><br>Promotion of STEM SKILLS among young people through competitive robotics games. Development of Science Investigatory skills and Project Presentation | <b>Target Participants</b>   |
| 2023-2024  | Operationalize Mixed-mode and LMS-based training for DepEd divisions and continue using competition technology to allow multi-site and online variations.                |  |





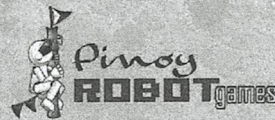
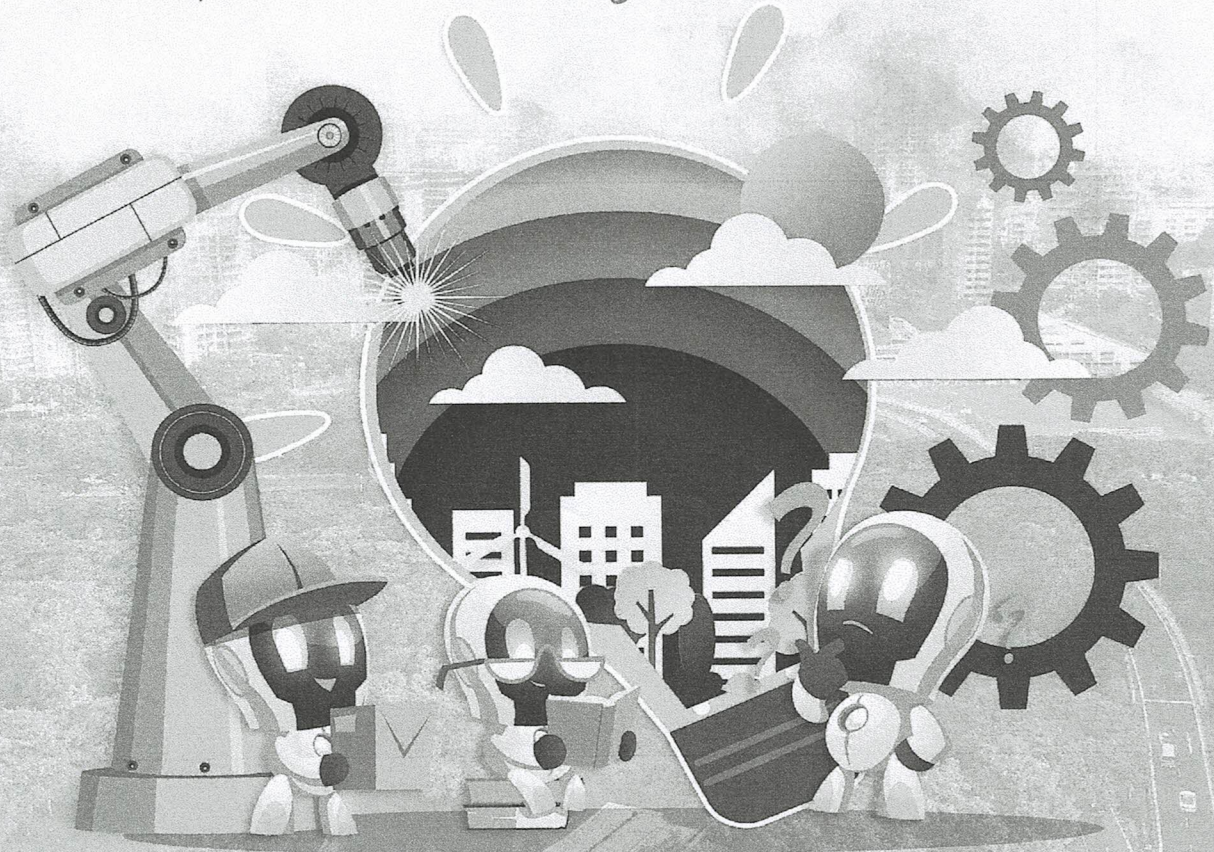




# THE NATIONAL ROBOTICS COMPETITION 2022

with the theme

*"Greener Digital Cities"*



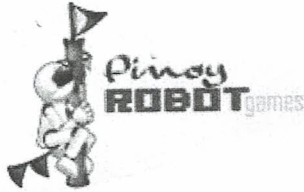


## NATIONAL ROBOTICS COMPETITION 2022

Pinoy Robot Games will conduct the following activities in line with the National Robotics Competition (NRC) 2022:

| Target Date     | Activity / Games  | Venue                              |
|-----------------|---|------------------------------------|
| Sept 9, 2022    | Negros preparation & presentation of Project Ideas  | Online                             |
| Sept 24, 2022   | NRC 2022 Region XII (face-to-face)<br>- Line Tracing F1<br>- Creative Category                              | Koronadal City,<br>South Cotabato  |
| Sept 30, 2022   | Elimination Games of:<br>- 500g Sumbot RC<br>- 500g Sumobot Auto<br>- Robot Hockey (Online & Face-to-Face)  | DBTC<br>Mandaluyong City           |
| Oct 1 2022      | Championship Games of:<br>- 500g Sumbot RC<br>- 500g Sumobot Auto<br>- Robot Hockey (Online & Face-to-Face) | DBTC<br>Mandaluyong City           |
| Oct 3 & 4, 2022 | Judging of Online Creative Projects<br>Line Tracing Online  | Online                             |
| Oct 5, 2022     | NRC 2022 Region 1 (face-to-face)<br>- Line Tracing<br>- Creative Category<br>- Sumobot                      | Pangasinan (Sison<br>Auditorium)   |
| Oct 6, 2022     | NRC 2022 Region X (face-to-face)<br>- Line Tracing<br>- Creative Category                                   | USTP<br>Cagayan de Oro             |
| Oct 7 & 8, 2022 | Sumobot Online  | Online                             |
| Oct 7, 2022     | NRC2022 NCR (face-to-face)<br>- Lego Sumobot<br>- AI Self Driving Car<br>- Line Tracing F1                  | DBTC<br>Mandaluyong City           |
| Oct 8, 2022     | NRC2022 NCR (face-to-face)<br>- Japan Mini Sumobot<br>- AI Self Driving Car                                 | DBTC<br>Mandaluyong City           |
| Oct 11, 2022    | NRC 2022 Region XI (face-to-face)<br>- Line Tracing<br>- Creative Category                                  | Davao City<br>(exact location TBA) |
| Oct 12, 2022    | Deliberation of Top 5 Creative Projects by foreign judges   | Online                             |
| Oct 13, 2022    | Awarding for Line Tracing and Creative Projects   | Online                             |





June 6, 2022

To: Schools Division Superintendent  
DepEd Region X

Dear Ma'am/Sir:

Greetings from Pinoy Robot Games!

It is with great enthusiasm that we invite your division to this year's National Robotics Competition (NRC) 2022. Start preparing and practicing. The final competition will be on September 30 to October 8, 2022. For those who can come, NRC Face-to-Face will be hosted by Don Bosco Technical College, Mandaluyong featuring 7 game events. For those who cannot make it, join the 4 online events including Hockey and Sumobot. In these two events, you control our robots remotely using your internet browser. You won't need to make a robot. Just be skillful as a pilot of the robots. We are spreading the different game events over September and October to ensure social distancing.

Create, Invent and Innovate robots for this year's theme of Greener Digital Cities. Present them online from distinguished local and international judges. Be this year's best young engineer and scientist!

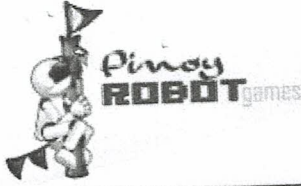
Don't miss the opportunity to renew the skills of your students in robotics. We will feature new robot designs for them to learn from. We will also have an event for college students that requires the use of deep learning. Let us give our learners the opportunity to excel once more. Let them inspire and wow us once again!

Find out more through our website ([www.pinoyrobotgames.org](http://www.pinoyrobotgames.org)). Registration begins on May 16 and ends on August 15. Early bird registration cut off is on July 15, 2022. Some of the events will have a limited number of participants so don't be late. Some regions are proposing to host the Face-to-face event so keep tuned for further announcements.

Thank you and stay safe.

With gratitude,

**Melvin R. Matulac**  
Founder, Pinoy Robot Games  
[pinoyrobotgames@gmail.com](mailto:pinoyrobotgames@gmail.com)



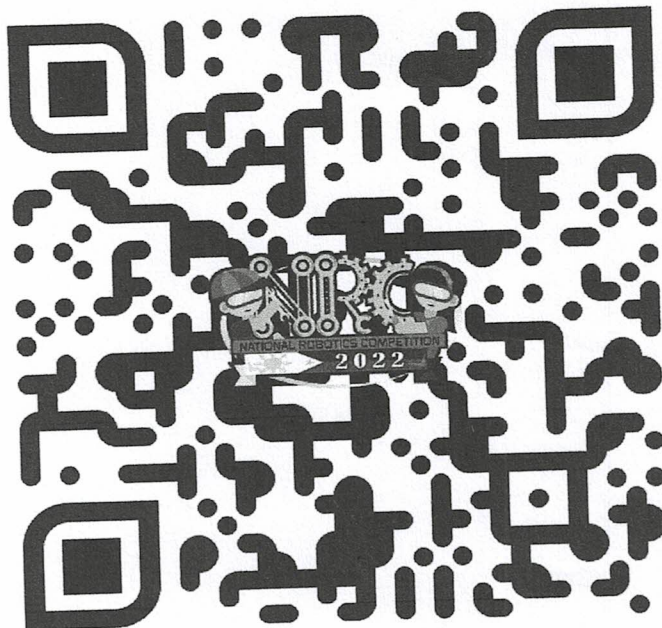
## How to Register?

1. Fill out the registration form below
  - 1.1. Open link. Select the game that you want to join (face to face or online).
  - 1.2. Fill out the reg. form. <https://padlet.com/pinoyrobotgames/NRC2022>
  - 1.3. Wait for the confirmation before paying the registration Fee. Confirmation email will be sent within 1-3 weekdays.
2. **Any robot brand is ALLOWED.**

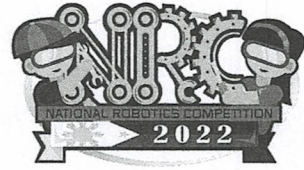
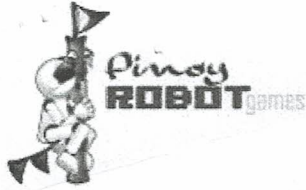
| ONLINE Games        | Early bird Fee<br>(deadline: July 15, 2022) | Regular Fee<br>(deadline: August 15, 2022) |
|---------------------|---|--|
| Line Tracing        | Php. 1,200.00                               | Php. 2,000.00                              |
| Creative            | Php. 1,200.00                               | Php. 2,000.00                              |
| 3kg Sumobot RC      | Php. 1,200.00                               | Php. 2,000.00                              |
| Robot Hockey Online | Php. 2,000.00                               | Php. 4,000.00                              |

Note: For 3kg Sumobot RC and Robot Hockey Online, **NO ROBOTS NEEDED.**  
Robots will be provided by Pinoy Robot Games.  
Participants control the robot over the **internet.**

3. **Possibility of face-to-face in certain regions will soon be announced on our website.**
4. Email us your proof of payment at [nrc2022@pinoyrobotgames.org](mailto:nrc2022@pinoyrobotgames.org)
  - 4.1. Subject: NRC2022 Payment
  - 4.2. Body of the Message: Participant's full name and game/s to join.
  - 4.3. Name for the receipt.
5. Scan the QR code for the list of games, game schedules, and game rules.







June 6, 2022

Dr. Arturo B. Bayocot, CESO III  
Regional Director  
DepEd Region X

Dear Dr. Bayocot:

Greetings from Pinoy Robot Games!

The National Robotics Competition is back! This 2022, we will combine limited face-to-face and online robot challenges! With the cooperation of a few regions and a willing host, we will have limited Face-to-Face for that region and nearby locations.

The event this year hopes to attract young Scientist and Engineers to pitch their idea and showcase their inventions in the area of sustainable smart cities (UNSDG 11) which we themed as "GREENER DIGITAL CITIES". The contest will be held in October 2022.

We are arranging a venue to have a Face-to-Face in your region. We are negotiating for a venue in USTP Cagayan de Oro.

We would like to seek an advisory from your office for this event!

Hoping for your kind indulgence.  
Thank you and stay safe.

With gratitude,

**Melvin R. Matulac**  
Founder, Pinoy Robot Games

Please see attachment:

<https://bit.ly/DepEd-R10>

- DepEd Advisory Prerequisite Documents:
  - General Information Sheet,
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