

Regional Advisory No. 81, s. 2021

July 17, 2021

In compliance with DepEd Order (DO) No. 8, s. 2001,
this advisory is issued not for endorsement per DO 28, s. 2001,
but only for information of DepEd officials,
personnel/staff, as well as the concerned public.
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2021 YOUTH ROBOTICS CONVENTION AND COMPETITION

All students and teachers are invited to take part in the upcoming 2021 Youth Robotics Convention and Competition (YRCC) from August 7 to 28, 2021. This activity includes the following learning engagement opportunities:

1. Convention and mini-workshops
2. Pre-competition games
3. Robot competition games
 - a. Online Sumobot
 - b. Robot Line Tracing
 - c. Coding Challenge
 - d. Innovation Entrepreneurship Robot Contest
 - e. Mission Games

The registration fee is Php 1,500.00 per team. Each team can have a maximum of three members. The registration is until July 31, 2021. A discount of 30% shall be enjoyed by those who will register until July 24, 2021. The registration will provide the team with access to convention plenaries and all mini-workshops, pre-competition training sessions for the games, and game registration. All winners in the 2021 YRCC get qualifying slots and scholarship vouchers to join the 2021 International Robot Olympiad-Daegu, Korea.

For more details and information, kindly visit the portal at <https://tinyurl.com/2021YRCC> or you may contact the organizer at

Cellphone: 09178972349 (Globe), 09399127127 (Smart)

Email: philippineroboticsteam@gmail.com, marketing@genetic.edu.ph

Contact Person: Marilou De Lira, Organizer/2021 YRCC registration
Committee Chair
Aldrin Escocio, Organizer/2021 YRCC Games
Committee Chair/Trainer

Schools Division Offices, through the Program Supervisors/Coordinators in Science are advised to disseminate this information.

CLM/khzs
07/19/2021



2021-07-8918

DCC No. DepEdRO13-F-REC-008/R3/2-18-2020

2021 YOUTH ROBOTICS CONVENTION AND COMPETITION

7th – 28th AUGUST 2021

Venue: ONLINE, Philippines



July 9, 2021

Dr. EVELYN R. FETALVERO, CESO IV

Regional Director

DepEd Region 13 (CARAGA)

Km. 3, Libertad St., Butuan City

Dear **Dr. Fetalvero**:

We are pleased to invite your students and teachers to take part in the upcoming **2021 YOUTH ROBOTICS CONVENTION AND COMPETITION [YRCC]** to commence on the **7th of August until 28th of August 2021**. The event will be held ONLINE and only every Saturday or weekend of August.

The 2021 YRCC is a comprehensive robotics event that provides preparatory training for participants and national robot games that allow them to qualify in the upcoming International Robot Olympiad to be held in Daegu, Korea.

The registrants to the 2021 YRCC offers will benefit from the following learning engagement opportunities:

- 1) Convention and mini-workshops – there will be plenary and break-out workshop sessions for participants on topics like *Arduino Robotics Programming, Building the fastest LT Robot, How to Build a Sumobot, Curriculum Robotics Integration Strategies, Innovative Robots for Households, Home Inventor Robots, Developing a Scientific Attitude Among Learners Through Robotics, My Robotics Journey*, these topics and more.
- 2) Pre-Competition Games – all participants will undergo a Free Training prior to the actual day of the competition. This training will focus on the mechanics of the games, basic robot algorithms and movements, anticipating problems based on experiences of other players and troubleshooting. The lessons that the participants will get from these sessions will be useful in his other areas of learning and in future robot competitions.
- 3) Robot competition games – there are 5 robot games where participants can choose to take part in.
 - a. Online Sumobot – open to Junior, Senior, and Pro/Coaches Edition. Participants do not need to have a robot. The robots will be provided by the organizer.
 - b. Robot Line Tracing – open to Junior and Senior players, accepts any type of robot
 - c. Coding Challenge – open to Junior and Senior Players. Does not require any physical robot. The virtual robot will be provided by the organizer.
 - d. Innovation Entrepreneurship Robot Contest – open to Junior, Senior, Pro/Coach Edition. Accepts any kind of robot
 - e. Mission Games – open to Junior and Senior players



The registration fee is P1,500/team. Each team can have a maximum of 3 members. The registration is until July 31, 2021. Participants who will register until July 24, 2021 will get 30% discount on their team registration fee.

The registration fee of the team provides them access to the Convention plenaries and all mini-workshops, Pre-Competition Training Sessions for the game/s where they register, and Game Registration. All the winners in the 2021 YRCC get qualifying slots and scholarship vouchers to join the **2021 International Robot Olympiad-Daegu, Korea.**

More details are discussed in the information portal of 2021 YRCC: <https://tinyurl.com/2021YRCC> . For other inquiries, please contact the organizer Data Science and Technology Corporation and the Philippine Robotics Team-IRO Korea through the following:

Cellphone: 09178972349 (globe), 09399127127 (smart)

Email: philippineroboticsteam@gmail.com, marketing@genetic.edu.ph

2021 YRCC information and registration portal: <https://tinyurl.com/2021YRCC>

Contact Person: Marilou De Lira, Organizer/2021 YRCC Registration Committee Chair

Aldrin Escocio, Organizer/2021 YRCC Games Committee Chair / Trainer

We look forward to the participation of your robotics teams in the event.

Thank you.

Sincerely,



Pinky B Legaspi

Organizer, 2021 YRCC

Vice-President, Data Science and Technology Corp

National Organizer, Philippine Robotics Team-IRO Korea 2021

