



Republic of the Philippines
Department of Education
REGION III
SCHOOLS DIVISION OFFICE OF BATAAN

SFP 7 5 2024

DIVISION ADVISORY
No. 273, s. 2024

To: Assistant Schools Division Superintendent
Chief Education Supervisors
Education Program Supervisors
Public Schools District Supervisors
Public Elementary and Secondary School Heads
All Others Concerned

Pursuant to Advisory No. 166, s. 2024 titled "Invitation to Participate in the 4th Creotec National Robotics Competition Invitation," this Office informs all concerned that the Creotec Philippines Inc. will conduct the 4th Creotec National MakeX Robotics Competition on November 8, 2024 at the Alonte Sports Stadium, Biñan City, Laguna.

Attached is Advisory No. 166, s. 2024, for further details and inquiries.


CAROLINA S. VIOLETA, EdD, CESO V
Schools Division Superintendent

In compliance with DepEd Order No. 8 s. 2013, this Division Advisory is issued not for endorsement per D.O. 28 s. 2001 only for the information of DepEd Officials, personnel as well as the concerned public.


C2/ci28
September 20, 2024



Kabukiran, Calaylayan, Abucay 2114 Bataan

www.depedbataan.com bataan@deped.gov.ph

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"We Mould Heroes"



CSC PRIME-HRM BRONZE AWARD
CSC Resolution No. 208712

COMMITMENT TO
QUALITY MANAGEMENT SYSTEM
ISO 9001:2015



Republic of the Philippines
Department of Education
 REGION III-CENTRAL LUZON

RECEIVED
 SEP 17 2024

BY: *[Signature]*

SEP 17 2024

Advisory No. 166, s. 2024
 September 16, 2024

In compliance with DepEd Order (DO) 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 region3.deped.gov.ph)

INVITATION TO PARTICIPATE IN THE 4TH CREOTEC NATIONAL ROBOTICS COMPETITION INVITATION

Creotec Philippines Inc. aims to provide excellent, skills-based training solutions to the academe and industry based on a wealth of experience from both the academe and the semiconductor and electronics manufacturing sectors. These collective qualifications bring confidence in the company's ability to deliver the best to its partners.

Creotec Philippines Inc. is excited to invite the schools in your region to participate in the 4th Creotec National MakeX Robotics Competition, happening on November 8, 2024, at the Alonte Sports Stadium in Biñan City, Laguna. This event continues its mission to promote the vital role of technology in education through the exciting world of robotics.

In line with this, the participation of both public and private schools is encouraged but shall be subject to the *no-disruption-of-classes* policy stipulated in DepEd Order No. 9, s. 2005 entitled *Instituting Measures to Increase Engaged Time-on-Task and Ensuring Compliance Therewith*. Enclosed is the letter of invitation from the organizer for reference and other details.

For inquiries, you may contact:

Engr. Cristopher B. Tingcang

Cellphone: 0917-771-3961

Email: cristophertingcang@gmail.com / crist@creotec.com.ph

Facebook Page: Creotec Philippines Inc.

CLMD3/clmd4
 September 16, 2024

[Handwritten signature]

To send feedback
 regarding any of
 our services,
 kindly scan the
 QR Code.



Address: Matalino St. D.M. Government Center, Maimpis,
 City of San Fernando (P)
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Email Address: region3@deped.gov.ph
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Certificate No. PMP 0802
 24 93 2191

September 11, 2024

MAY B. ECLAR, PhD, CESO V
Regional Director
DepEd Region III

Dear **Dr. Eclar**:

Warm Greetings!

Creotec Philippines Inc. is excited to invite the schools in your region to participate in the **4th Creotec National MakeX Robotics Competition, happening on November 8, 2024, at the Alonte Sports Stadium in Biñan City, Laguna**. This event continues our mission to promote the vital role of technology in education through the exciting world of robotics.

Hence, we are asking your good office for an advisory regarding this event.

This year, we are thrilled to announce **new and exciting categories**, offering even more opportunities for innovation and creativity. Enclosed are the full details of each category, so you can begin planning your strategy for success!

Key Dates:

- Registration opens on September 13, 2024.
- A special Kickoff Event will take place on the same day, followed by an Orientation for Coaches to explain the competition rules, mechanics, and awards.

We strongly encourage early registration, allowing your school's teams and coaches to be among the first to prepare for this prestigious event.

To register for the Coaches' Orientation, simply follow this link: <https://forms.gle/ulj6q8SU149cjgRM7>.

Exciting Rewards Await:

The champion teams in the two MakeX categories will earn the honor of representing the Philippines at the 2024 MakeX World Robotics Championships in China, held from December 5-8, 2024. As part of their victory, they will receive **an all-expense-paid package, covering airfare, accommodation, meals, and visa processing**.

Additionally, champions in other categories will take home cash prizes to celebrate their achievement and hard work!


For any further inquiries, feel free to reach out to me directly:

Engr. Cristopher B. Tingcang
Cellphone: 0917-771-3961
Email: cristophertingcang@gmail.com / crist@creotec.com.ph
Facebook Page: Creotec Philippines Inc.

We look forward to welcoming your school to this incredible event, and we are eager to see your students shine on the national and global stage!

Thank you, and may the best teams win!

Sincerely,


Engr. Cristopher B. Tingcang
Manager
Creotec Philippines Inc.

For more information, contact us through any of the following:

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CATEGORIES

MAKEX



2 students
6 – 14 years old

Champion Team will be promoted to
World Robotics Competition

No registration fee



2 students
8 – 16 years old

ROBOVENTURE



2 students
no age limit



2 students
no age limit

Champion Team will be receive
cash prizes

₱ 3,000.00 per team per category

DRONE SOCCER COMPETITION



5 students
• 3 male
• 2 female
no age limit

Champion Team will be receive
cash prizes

No registration fee

Registration Link:
Orientation of Coaches



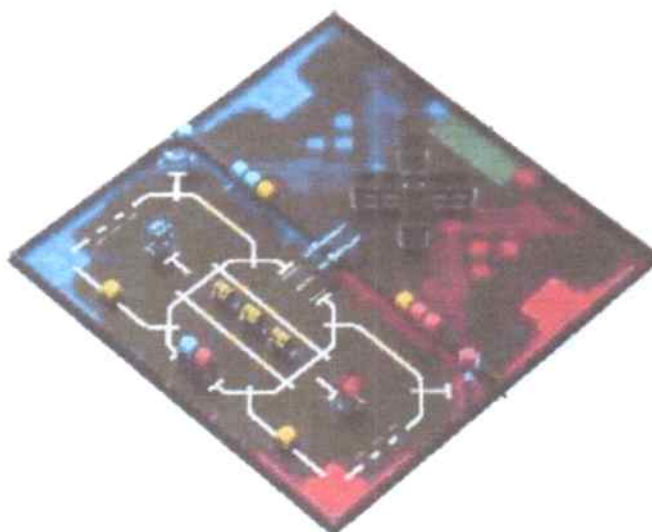
Competition Categories

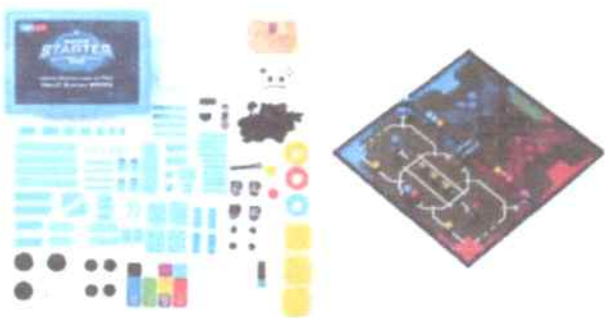
Category 1: MakeX Starter Smart Links (Mission – Based Competition)

No Registration Fee

MakeX Starter is a multi-tasking competition program for students aged 6-13.

The competition integrates the automatic stage and the manual stage, which greatly enhances fun and participation experience of the competition. The concept of multiple missions and the alliance cooperation design fully exercises the abilities of critical thinking and strategic planning of contestants, as well as improve the ability of communication and cooperation between alliance teams.



General Mechanics	
Criteria	Requirements
Number of Participants	2
Number of Coach	1
Age Requirement	6 – 13 years old (Birthdate: January 2, 2010 - December 31, 2018)
Hardware Requirements	 <div style="border: 1px solid black; padding: 5px; text-align: center;"> <p>2024 MakeX Starter ALL-CORE Journey Competition Kit and Arena</p> </div>
Software Requirements	mBlock 5




Category 2: MakeX Explorer (Confrontation Mission – Based Competition)
No Registration Fee

MakeX Explorer is a confrontational competition program for elementary and junior high school students aged 8-15.

This program fully integrates the essence of sports events and is highly interesting and a delight to watch.

The competition requires the contestants to design and build robots from scratch, which systematically develops the contestants' comprehensive abilities in robot design, mechanical construction, and programming. Also, the form of alliance confrontation improves the contestants' ability to solve imperative problems and strategic thinking.



General Mechanics	
Criteria	Requirements
Number of Participants	2
Number of Coach	1
Age Requirement	8 – 15 years old (Birthdate: January 2, 2008 - December 31, 2016)
Hardware Requirements	 <p>2024 MakeX Explorer Digital Pioneer Competition Kit and Arena</p>
Software Requirements	mBlock 5



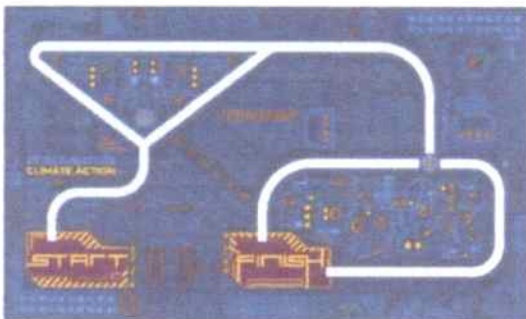
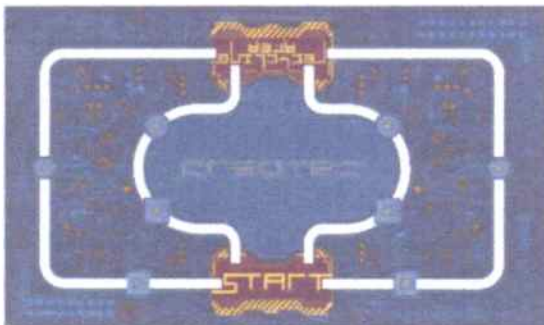
Category 3. RoboVenture - mBot 1
Registration Fee: ₱3,000.00 per Team

The **Roboventure: Create your robotics adventure!** is a platform that promotes mission-based and theme-based competitions for basic education students.

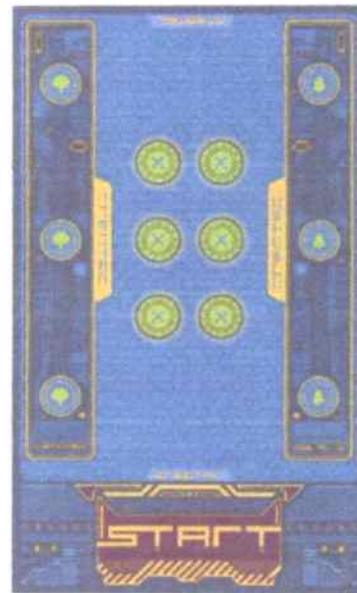
For 2024, the competition supports the campaign for **SDG #13 or Climate Action**. The categories promote awareness for actions or activities that can help fight against climate change which heavily affects our environment.


Subcategories:

I. Sort and Recycle



II. Go Green!



General Mechanics	
Criteria	Requirements
Number of Participants	2
Number of Coach	1
Age Requirement	Open
Hardware Requirements	 mBot 1
Software Requirements	mBlock 5



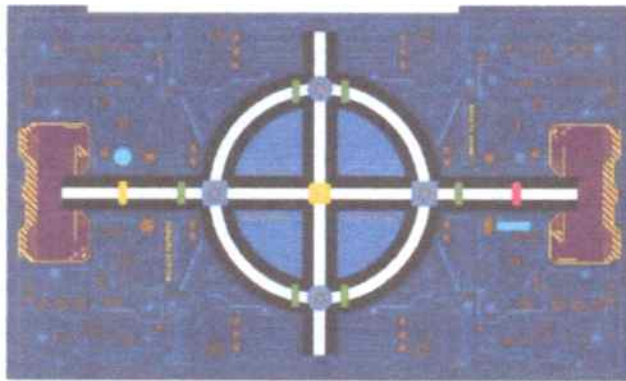
Category 4. RoboVenture - mBot 2
Registration Fee: ₱3,000.00 per Team

The **Roboventure: Create your robotics adventure!** is a platform that promotes mission-based and theme-based competitions for basic education students.

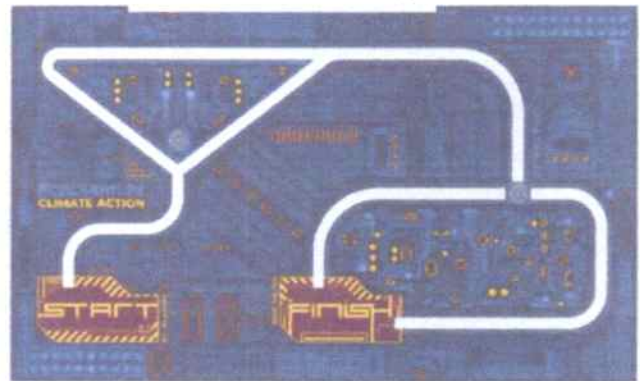
For 2024, the competition supports the campaign for SDG #13 or Climate Action. The categories promote awareness for actions or activities that can help fight against climate change which heavily affects our environment.


Subcategories:

I. Climate Action



II. SDG Journey



General Mechanics	
Criteria	Requirements
Number of Participants	2
Number of Coach	1
Age Requirement	Open
Hardware Requirements	 mBot 2
Software Requirements	mBlock 5



Category 5. Drone Soccer Competition
No Registration Fee


Drone soccer is a new and exciting sport that combines elements of **drone flying** with the competitive nature of **traditional soccer**. In this competition, teams use flying drones enclosed in protective spherical cages to compete in a game that mirrors the structure and objectives of soccer.



Drone Soccer Kit



Drone Soccer Arena

General Mechanics	
Criteria	Requirements
Number of Participants	5 (3 male, 2 female)
Number of Coach	1
Age Requirement	Open
Hardware Requirements	



CREOTEC PHILIPPINES INC.

COMPANY PROFILE

BACKGROUND



Creotec Philippines Inc. is a wholly owned corporation duly established in Oct. 20, 2015 with SEC # CS201521140 and is situated in 117 Technology Ave., SEPZ, LTI, Biñan, Laguna as a locator in the processing zone for the provision of learning, immersion and OJT services and technology learning equipment for the industry and the academe. It aims to provide excellent, skills-based training solutions to the academe and industry based on a wealth of experience from both the academe and the semiconductor and electronics manufacturing sector. These collective qualifications bring confidence in the company's ability to deliver the best to its partners.

It is a member of EMS Group of Companies (EMSG) which is known for its contribution in the electronics manufacturing services industry with six facilities within Biñan Technopark.

EMSG is committed to support the United Nation's Sustainable Development Goal on Quality Education ((SDG #4) through the contribution of Creotec in reaching out to the academe to provide relevant learning services and resources to prepare the graduates to meet the requirements of the industry, as an effort to address the skills mismatch challenge in the country. Because of our expertise in different manufacturing processes, industry requirements and the latest in technological trends, Creotec can share industry solutions and practices, especially with our academe partners.

SERVICES

1. CreoWork

Creotec opens its doors and expertise to senior high school and college level students for their industry work immersion and On-the-Job-Training exposure.

For Senior High School students, Creotec provides an eighty-hour work immersion program for all strands with focus on functional exposure of the learners in the production (STEM), support (ABM, HUMSS, GAS) and technical (TVL) departments. Creotec shares its own system called CORE, EMSG's HR and Accounting System, and exposes the trainees to processes under accounting, compensation and benefits, health safety and nutrition, employee relations and company travel and tours management. For STEM students, Creotec allows them to experience the production environment with exposure to improving efficiency, monitoring quality with inspection and rework tasks, materials handling and quality control.



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Creotec Philippines Inc.





For College OJT students, Creotec designed a structured industry-based program for Engineering, Computer and IT, Business and Management and other courses. Students are given meaningful time to support engineering tasks in EMSG's Surface Mount Technology machines and be exposed to the various processes in the PCB production.

For business and management related students, Creotec exposes them to the intricacies of budget and P&L preparation as applied in the EMSG context. A combination of a strong foundation of principles and actual application prepares Creotec OJT completers to gain more confidence and competence as they enter industry life after graduation.

2. Creobotics



Creobotics

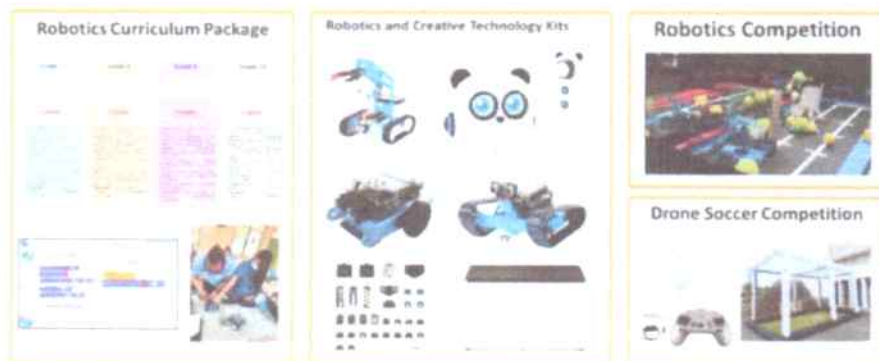
Creotec is active in contributing to the strengthening of STEM and technology education in the country through its Creobotics program for all levels of basic and tertiary education. Creobotics is a program that incorporates robotics, artificial intelligence and intelligent machines in math, science, IT or research curriculum. The appropriate robotics kits are provided for learners at different levels, starting from simple entry-level kits to advance makerspace robotics laboratories.

Creobotics can be purchased either with or without curriculum. Technical consultancy services and training are included in the service to make sure that the program is delivered and implemented to meet the competency requirements per session.

Furthermore, Creobotics also includes a robotics competition platform that applies mission-based activities that are more impactful and relevant compared to the usual line tracing and sumobot robotics competitions.

Another platform that is offered is the drone soccer competition.

Creotec offers free training and consultancy services for the implementation of the competition aimed at participating in the national level. The winners of the national competition shall represent the country in the world robotics competition with an all-expense paid package which includes visa processing, airfare, food, and accommodation.



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CERTIFICATION, AWARDS AND RECOGNITION



2022 Plaque of Appreciation as DepEd Partner



2023-2024 Plaque of Appreciation as DepEd Partner



Adopt-A-School Implementer with annual donation of at least Php5M



Platinum PhilGeps membership to participate in various government projects



Office Address

Address: 117 Technology Avenue, Laguna Technopark Inc., SEPZ, Binan City, Laguna



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Creotec Philippines Inc.





Creotec Office Building



Creotec 4th Floor with Government Permits and Licenses



Creotec Storage Area



Creotec Main Office

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