



September 11, 2024

DR. BENJAMIN D. PARAGAS, CESO

Director IV Regional Director DepEd Region II

Dear Dr. Paragas:

Warm Greetings!

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DepEd Regional Office No. 02

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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: <a href="https://forms.gle/uLj6q8SU149cjqRM7">https://forms.gle/uLj6q8SU149cjqRM7</a>.

### **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.

ADVISORY Date: 9-9-20
To: { PSDS/DICS { Flem/Sec School Heads } } Private Schools { Others: For: { Imfordation { Toissemination } } } } For: { ANUEL PhD, CESO V Schools Pvision Superintendent } } Signature: By: Signature: Signature

We look forward to welcoming your school to this incredi global stage!	ble event, and we are eager to see your students shine on the national and
Thank you, and may the best teams win!	September 16, 2024  To: ALL SCHOOLS DIVISION SUPERINTENDENTS
Sincerely,  DEPED REGIONAL OFFICE  RELEASE  ONLY 2011	In view of this aforementioned activity, this Office reiterates that the participation of public schools is voluntary and shall be subjected to the non-disruption-of-class policy as stipulated in DepEd Order No. 9, s. 2005 entitled Instituting Measures to Increase Engaged Time-on-Task and Ensuring Compliance Therewith.
Engrapher B. Tingcans DATE: 04-13-2024 Wianager Creotec Philippines Inc. RECORDS SECTION	

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# **CATEGORIES**







2 students 6 - 14 years old

2 students 8 - 16 years old

No registration fee





2 students

2 students no age limit no age limit

₱ 3,000.00 per team per category

### **DRONE SOCCER** COMPETITION



5 students

- 3 male
- 2 female

no age limit

No registration fee

Registration Link: **Orientation of Coaches** 



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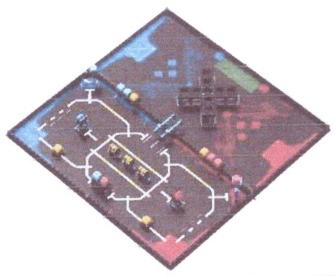
# **Competition Categories**

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.





	Carried Block and an income	
	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	START CONTROL OF THE PROPERTY	
	2024 MakeX Starter ALL-CORE Journey Competition Kit and Arena	

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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	2024 MakeX Explorer Digital Pioneer  Competition Kit and Arena		
Software Requirements	mBlock 5		

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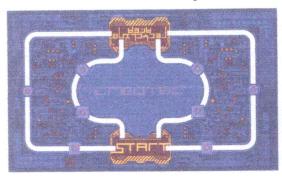
Category 3. RoboVenture - mBot 1 Registration Fee: ₱3,000.00 per Team

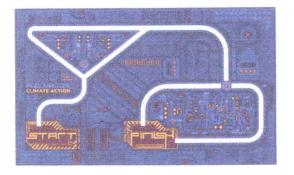
The **Roboventure:** Create your robotics adventure! is a platform that promotes mission-based and theme-based competitions for basic education students.

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	

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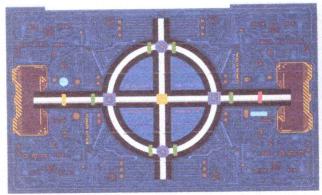
Category 4. RoboVenture - mBot 2 Registration Fee: ₱3,000.00 per Team

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

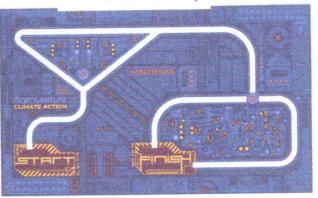
For 2024, the competition supports the campaign for SDG #13 or Climate Action. The categories promote awareness for actions or activities that can help fight against climate change which heavily affects our environment.

### Subcategories:

### I. Climate Action



II. SDG Journey



	General Mecha	nics	
Criteria Number of Participants		Requirements 2	
Age Requirement		Open	
Hardware Requirements			
		mBot 2	
Software Requirements		mBlock 5	

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# 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 Arena** 

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

Hardware Requirements



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### 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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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







1" Indorsement February 25, 2822

Respectfully and favorably endoused to the Revenue District Office No. 057, the attached supplications for tax meetings of CREGILE PHILEPPINS, INC., herem referred to as the private absigning methy-show by some of Remonators of Agreement (EMSA) Does of Donation (EMSA). Note of Donation (EMSA) to the CREGILE PHILEPPINS, INC. relating on the donation, 100% of a substantial to the PSEAS,000,000 plus are additional Selfs which is operation to PLYES,000,000 for a total amount of PSEAS,000,000 or described in the MOA DOD official recepts, and resometizing in approval as an advantage deduction in their greens income guissant to Section. I of Resease Regulation No. 100,000 and Part III Rules 1 and 2 or the Revision Engineerinsting Rules and Regulation Self-100,000 and Part III Rules 1 and 2 or the Revision Engineerinsting Rules.



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



2023-2024 Plaque of Appreciation as DepEd Partner



Platinum PhilGeps membership to participate in various government projects

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Sole Distributor and Training Provider of Makeblock Robots in the Philippines



Sole Distributor and Training Provider of HelSel Drones in the Philippines



Sole Authorized MakeX Robotics Competition Organizer

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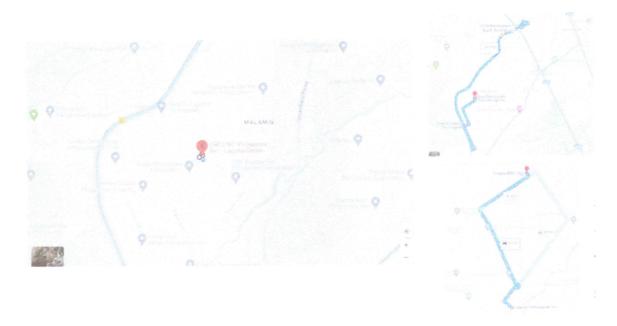






# Office Address

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





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**Creotec Office Building** 



Creotec 4<sup>th</sup> Floor with Government Permits and Licenses



**Creotec Storage Area** 



**Creotec Main Office** 

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