



Republic of the Philippines
Department of Education
Region XI
SCHOOLS DIVISION OF DIGOS CITY
Digos City



Division Advisory No. 042 s. 2020
March 10, 2020

In compliance with DepEd Order No. 8, 2013
this Advisory is issued not for endorsement per DO 28, s. 2001,
but for the information of DepEd officials,
personnel/staff, as well as the concerned public.
(Visit www.deped.gov.ph)

2nd National Robotics and Engineering Fair (NREF) Philippines

1. Attached is the invitation letter of Joseph R. Jacob, Director, The STEM Hub and President of National Robotics and Engineering Fair Philippines, inviting elementary and secondary school students and teachers to participate in the 2nd National Robotics and Engineering Fair (NREF) Philippines on July 24-25, 2020 at Swiss-Belhotel Blulane, Chinatown, Manila. The event aims to promote the development of scientific and 21st century skills among the citizens of the country.
2. It is informed that the participation in said activity is discretionary on the part of the School Head and the policy on "No Disruption of Classes" per DepEd Order No. 9, s. 2005 entitled "Instituting Measures to Increase Engaged Time-on-Task and Ensuring Compliance Therewith" shall be observed.
3. Attendance to said activity is on personal time and expense.
4. Details of the said activity are in the enclosure.
5. For information, guidance and compliance.


CRISTY C. EPE
Schools Division Superintendent 

DepEd Schools Division of Digos City
RECORDS SECTION
RELEASED 55871
DATE: 12 MAR 2020 TIME: 2:19
BY: 

Encls: As stated
References: Letter from Joseph R. Jacob, Director, The STEM Hub dated March 2, 2020
To be indicated in the Perpetual Index under the following subjects:
CURRICULUM SCIENCE COMPETITION

Luzminda B. Jasmin: 2nd national robotics and engineering fair philippines
10 March 2020 10 March 2020

E-MAILED LETTER



STEM Education Training Hub

March 02, 2020

Cristy C. Epe Ph.D.
Schools Division Superintendent
Department of Education SDO
Digos City
Digos City

DepEd Schools Division of Digos City
RECORDS SECTION
RECEIVED 55871
DATE: MAR 03 2020 TIME: 9:20 AM
BY: [Signature]

Dear Dr. Epe,

SUBJECT: 2nd National Robotics and Engineering Fair (NREF) Philippines

A pleasant day to you!

We would like to invite your organization and respectfully seek your endorsement to the 2nd National Robotics and Engineering Fair (NREF) Philippines on July 24-25, 2020 at Swiss-Belhotel Blulane, Chinatown, Manila. This big scale robotics and engineering research event aims to promote the development of scientific and 21st century skills among the citizens of the country.

Robotics program was introduced in many of our public and private schools nationwide to show students that engineering and Information Technology can be fun by making abstract knowledge concrete. Working with robots and using it as a tool for research enhances creative problem solving techniques and encourages the development of basic communication and interpersonal skills as well as the ability to collaborate and convey complex ideas to a fellow students or colleagues.

The three main events in the NREF 2020 are as follows:

Events	Categories
URC (Ultimate Robot Championship)	Autonomous wheeled robots a.) 1 kg b.) 2 kgs c.)3 kgs & up open for all ages
Engineering Research Fair (open for research enthusiasts of all ages)	Topics include: Astrophysics, Energy & Space, Physics, Electricity & Electronics, Inventions & Innovations, Robotics, Computer Science & Math
Robotics Design Competition (for those who are interested in designing robots and making intelligent machines)	Robotics and Intelligent Machines for <ul style="list-style-type: none"> • Business • Environment

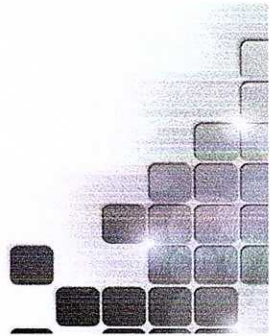
This curricular move targets to support the thrust of the Department of Education curriculum in developing learners that are creative, critical thinkers and problem solvers. Our company, the STEM Education Training Hub have been giving training programs on robotics for teachers and students for several years now and have garnered championship awards in the international robotics competitions.

We respectfully seek for your favor by helping us reach students and teachers who have interest in robotics, designing, inventing and scientific research. And together, through this program, we could be able to cultivate a society full of innovators, critical thinkers, and problem solvers. General rules and guidelines will be sent through email upon request using the email nref.ph@gmail.com.

Thank you very much!

Sincerely, [Signature]
JOSEPH R. JACOB, LPT, MBA, MAEd, FRIEDr
Director, The STEM Hub
President, National Robotics and Engineering Fair Philippines

STEM EDUCATION TRAINING HUB
09662082556 (Globe) / 09325342791 (Sun)
stemeducationhub@gmail.com / [Facebook@stemhub21](https://www.facebook.com/stemhub21)
www.stemtrainings.com



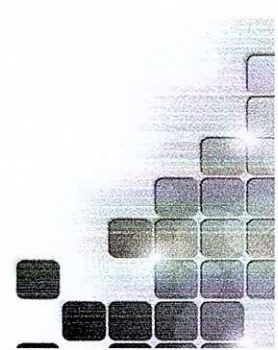
2nd National Robotics and Engineering Fair (NREF) Philippines
PROGRAM MATRIX

July 24, 2020	July 25, 2020
10 am-12nn Registration of participants and set up of projects	8am-2pm Presentation of projects URC games continuation
1pm-5pm Judging of projects URC Games	3pm-5pm Awarding Ceremonies

2nd National Robotics and Engineering Fair (NREF) Philippines
TEAM REGISTRATION FORM

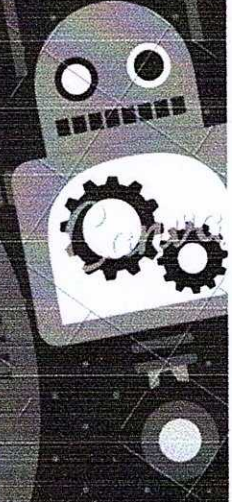
School:	School Address:	
Contact Number:	Email:	
Leader:	Event 1 / Project Title ERF and RDC only:	Event 2 (optional):
Members (Max of 4):		
Adviser / Coach (Max of 2):	Chaperone / Observer (Max of 5):	
Total Number of Delegation:		

STEM EDUCATION TRAINING HUB
09662082556 (Globe) / 09325342791 (Sun)
stemeducationhub@gmail.com / [Facebook@stemhub21](https://www.facebook.com/stemhub21)
www.stemtrainings.com



THE STEM HUB PRESENTS

2ND NATIONAL
ROBOTICS &
ENGINEERING FAIR
NREF 2020



JULY 24-25, 2020

SWISS-BELHOTEL BLULANE,
CHINATOWN, MANILA, PHILIPPINES

OPEN TO ELEMENTARY & HIGH SCHOOL STUDENTS

-ULTIMATE ROBOT CHAMPIONSHIP-

-ROBOT DESIGN COMPETITION-

-ENGINEERING RESEARCH FAIR-

INQUIRE @ NREF.PH@GMAIL.COM / 09662082556 / 09325342791

STEM EDUCATION TRAINING HUB

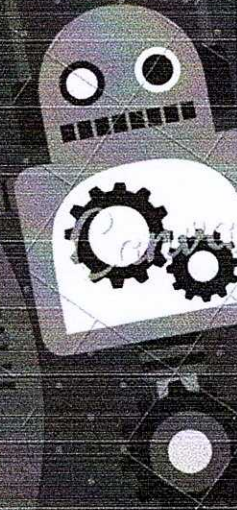
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THE STEM HUB PRESENTS

ENGINEERING
RESEARCH FAIR
NREF 2020



2ND NATIONAL ROBOTICS & ENGINEERING FAIR

JULY 24-25, 2020

SWISS-BELHOTEL BLULANE, CHINATOWN, MANILA, PHILIPPINES

OPEN TO ALL AGES

-ENGINEERING RESEARCH FAIR-

TOPICS INCLUDE: ASTROPHYSICS, ENERGY & SPACE,
PHYSICS, ELECTRICITY & ELECTRONICS, INVENTIONS &
INNOVATIONS, ROBOTICS, COMPUTER SCIENCE & MATH

INQUIRE @ NREF.PH@GMAIL.COM

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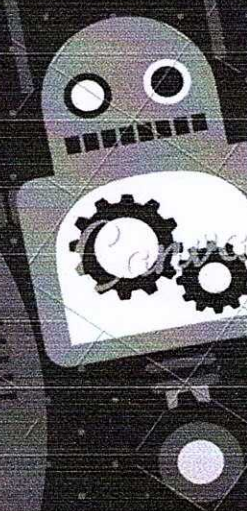
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THE STEM HUB PRESENTS

ROBOTICS DESIGN
COMPETITION
NREF 2020



2ND NATIONAL ROBOTICS & ENGINEERING FAIR
JULY 24-25, 2020

SWISS-BELHOTEL BLULANE, CHINATOWN, MANILA, PHILIPPINES

OPEN TO ALL AGES
-ROBOTICS DESIGN COMPETITION-
CATEGORIES: ROBOTICS FOR BUSINESS
& ENVIRONMENT

INQUIRE @ NREF.PH@GMAIL.COM

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THE STEM HUB PRESENTS

ULTIMATE ROBOT
CHAMPIONSHIP
NREF 2020



2ND NATIONAL ROBOTICS & ENGINEERING FAIR
JULY 24-25, 2020

SWISS-BELHOTEL BLULANE, CHINATOWN, MANILA, PHILIPPINES

OPEN TO ALL AGES

- ULTIMATE ROBOT CHAMPIONSHIP -
AUTONOMOUS WHEELED ROBOTS
1KG-2KG-3KG & UP

INQUIRE @ NREF.PH@GMAIL.COM


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Registration Process:

Registration fee: P5,000 per person (+ 3,500 for additional member of the team which may include players, research finalist, contestant, coach, parent, school officials and chaperone)

inclusion:

Each participant may join up to two categories (e.g. URC and Engineering Research Fair)

Overnight stay at the hotel

Selected meals

Event kit

Certificates

for the winners:

medal

plaque and cash award (for the grand champion)

*there shall be a maximum of 5 members and up to 4 chaperones per team.

SEND YOUR APPLICATION AT nref.ph@gmail.com

CALL OR TEXT US @ 09662082556 / 09325342791

We will send the guidelines upon email request with the following information:

Name:

Position:

Institution / School:

Contact Number:

Message:

Send the registration fee to:

BDO Acct: STEM EDUC TRAINING HUB

Acct#:006320401108

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