

**DepEd Regional Advisory No. 061, s. 2020**  
**March 06, 2020**

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 [deped.in/ro8issuances](http://deped.in/ro8issuances))

**2<sup>nd</sup> NATIONAL ROBOTICS AND ENGINEERING FAIR (NREF) PHILIPPINES**

Attached is the letter from the STEM Education Training Hub, dated February 28, 2020.

The said organization will conduct its 2<sup>nd</sup> National Robotics and Engineering Fair (NREF) Philippines on July 24-25, 2020 at the Swiss Belhotel Blulane, Chinatown, Manila City.

The activity aims to promote the development of scientific and 21<sup>st</sup> century skills among the citizens of the country.

The target participants are students and teachers from both public and private schools.

Participation of both public and private schools 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*.

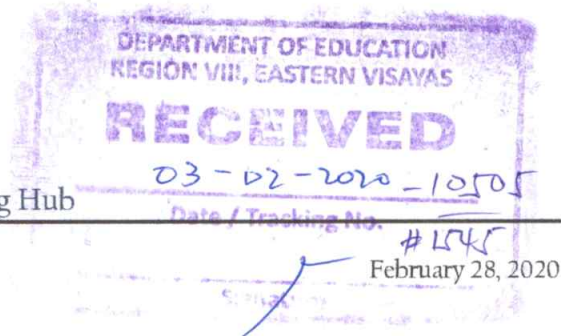
More information may be inquired from:

JOSEPH R. JACOB, LPT, MBA, MAEd, FRIEDr  
STEM EDUCATION TRAINING HUB  
Mobile No.: 0966-208-2556 / 0932-534-2791  
Email Add.: [stemeducationhub@gmail.com](mailto:stemeducationhub@gmail.com)

Considering that this is an Advisory, Schools Division Superintendents are given the discretion to act on this matter.



STEM Education Training Hub



Ramir B. Uytico Ph.D.
Regional Director
Department of Education RO
Region 8
Government Center, Brgy. Candahug, Palo, Leyte

Dear Dr. Uytico,

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:

Table with 2 columns: Events and Categories. Rows include URC (Ultimate Robot Championship), Engineering Research Fair, and Robotics Design Competition.

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, 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
www.stemtrainings.com

Handwritten signature and date 3-2-20



## STEM Education Training Hub

February 28, 2020

To the School Principal

Dear Sir. / Madam:

**SUBJECT: 2<sup>nd</sup> 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 **2<sup>nd</sup> 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 21<sup>st</sup> 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.

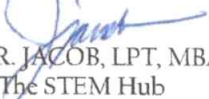
The three main events in the NREF 2020 are as follows:

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"><li>• Business</li><li>• Environment</li></ul>

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](mailto:nref.ph@gmail.com).

Thank you very much!

Sincerely,  
  
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](mailto:stemeducationhub@gmail.com) / [Facebook@stemhub21](https://www.facebook.com/stemhub21)

[www.stemtrainings.com](http://www.stemtrainings.com)

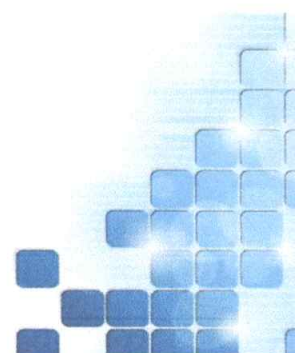


2<sup>nd</sup> National Robotics and Engineering Fair (NREF) Philippines  
**PROGRAM MATRIX**

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

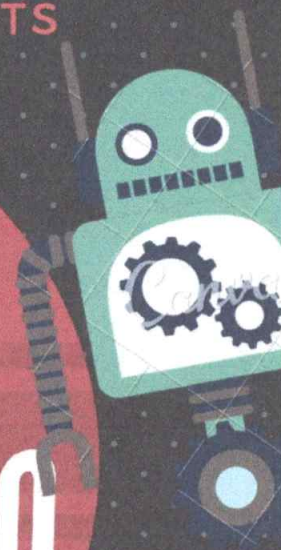
2<sup>nd</sup> National Robotics and Engineering Fair (NREF) Philippines  
**TEAM REGISTRATION FORM**

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:		



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](mailto:NREF.PH@GMAIL.COM) / 09662082556 / 09325342791

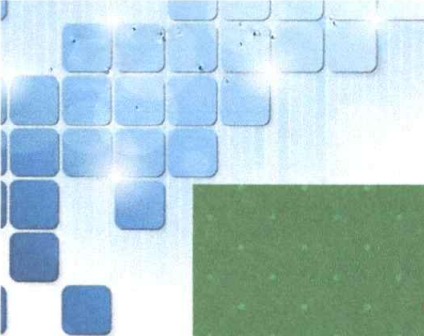
STEM EDUCATION TRAINING HUB

09662082556 (Globe) / 09325342791 (Sun)

[stemeducationhub@gmail.com](mailto:stemeducationhub@gmail.com) / [Facebook@stemhub21](https://www.facebook.com/stemhub21)

[www.stemtrainings.com](http://www.stemtrainings.com)





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](mailto:NREF.PH@GMAIL.COM)

09662082556 / 09325342791

STEM EDUCATION TRAINING HUB

09662082556 (Globe) / 09325342791 (Sun)

[stemeducationhub@gmail.com](mailto:stemeducationhub@gmail.com) / [Facebook@stemhub21](https://www.facebook.com/stemhub21)

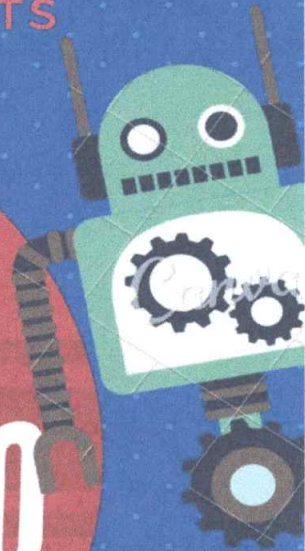
[www.stemtrainings.com](http://www.stemtrainings.com)





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](mailto:NREF.PH@GMAIL.COM)  
09662082556 / 09325342791

STEM EDUCATION TRAINING HUB

09662082556 (Globe) / 09325342791 (Sun)

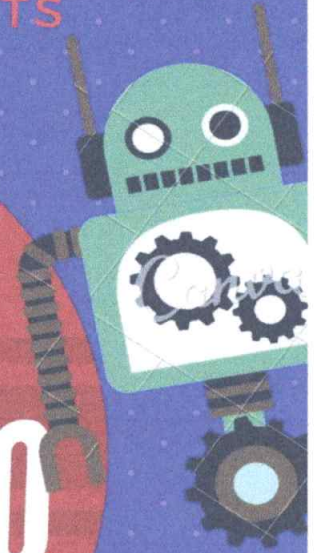
[stemeducationhub@gmail.com](mailto:stemeducationhub@gmail.com) / [Facebook@stemhub21](https://www.facebook.com/stemhub21)

[www.stemtrainings.com](http://www.stemtrainings.com)



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

09662082556 / 09325342791

STEM EDUCATION TRAINING HUB

09662082556 (Globe) / 09325342791 (Sun)

[stemeducationhub@gmail.com](mailto:stemeducationhub@gmail.com) / [Facebook@stemhub21](https://www.facebook.com/stemhub21)

[www.stemtrainings.com](http://www.stemtrainings.com)





## 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](mailto: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

**STEM EDUCATION TRAINING HUB**

09662082556 (Globe) / 09325342791 (Sun)

[stemeducationhub@gmail.com](mailto:stemeducationhub@gmail.com) / [Facebook@stemhub21](https://www.facebook.com/stemhub21)

[www.stemtrainings.com](http://www.stemtrainings.com)

