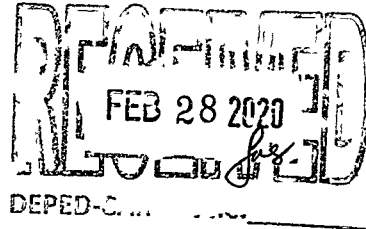




STEM Education Training Hub

February 28, 2020

May B. Eclar Ph.D.
Regional Director
Department of Education RO
CAR
Department of Education (CAR Office), La Trinidad, Benguet



Dear Dr. Eclar,

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.

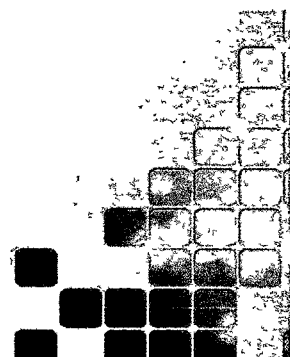
This curricular move targets to support the thrust of the Department of Education curriculum in developing learners that are creative, critical thinkers and problem solvers. Our company, the STEM Education Training Hub have been giving training programs on robotics for teachers and students for several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



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

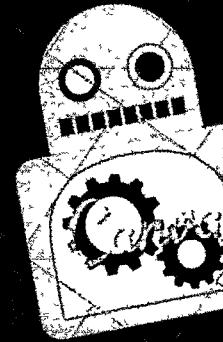
July 24, 2020	July 25, 2020
10 am-12nn Registration of participants and set up of projects	8am-2pm Presentation of projects URC games continuation
1pm-5pm Judging of projects URC Games	3pm-5pm Awarding Ceremonies

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 / 09662082556 / 09325342791**

**STEM EDUCATION TRAINING HUB**

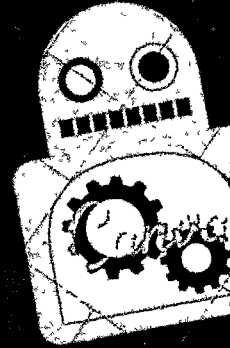
09662082556 (Globe) / 09325342791 (Sun)

[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**

**09662082556 / 09325342791**

STEM EDUCATION TRAINING HUB

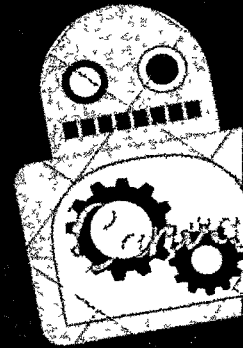
09662082556 (Globe) / 09325342791 (Sun)

[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

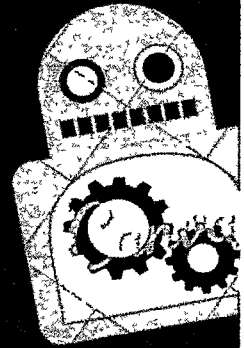
09662082556 (Globe) / 09325342791 (Sun)

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

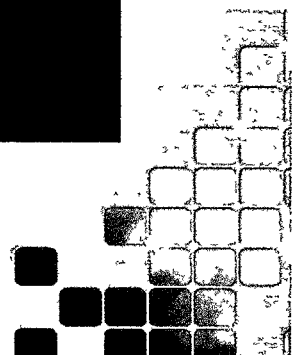
09662082556 / 09325342791

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)





# 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)

