Division Memorandum
No. 158, s. 2018

Hephestus Project Consortium in the Philippines

To: Public Schools District Supervisors
   Elementary School Principals/Heads
   Junior High School Principals/Heads
   Senior High School Principals/Heads

1. Pursuant to Regional Advisory No. 018, s. 2018 dated February 8, 2018, re: "Hephestus Project Consortium in the Philippines", this Office is reiterating the details of the said Advisory.

2. Attached is a letter from Mr. Roger Ravelo Jose, President, REF Marketing, informing interested Grades 5 to Grade 12 from both public and private schools regarding the Hephestus Project Consortium in the Philippines of the REF Marketing in partnership with the University of Mindanao.

3. Participation of both public and private schools shall be subject to the no-disruption-of-classes policy as stipulated in the DepEd Order No. 9, s. 2005 entitled "Instituting Measures to Increase Engaged on Time-on-Task and Ensuring Compliance Therewith".

4. Attendance of interested public junior high school students shall be on personal expense and time, and no DepEd funds shall be utilized in their attendance.

5. For information, guidance and compliance.

Winnie E. Batoon, Ed. D.
Officer-in-Charge
Office of the Schools Division Superintendent

Ends: Regional Advisory No. 018, s. 2018, Letter from Mr. Roger Ravelo Jose
References: Regional Advisory No. 018, s. 2018, Letter from Mr. Roger Ravelo Jose
To be included in the Perpetual Index under the following subjects:
   Curriculum Learning Resources Training
acs: Hephestus Project Consortium in the Philippines
date: February 14, 2018

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  553-8396/553-8376  www.depeddigoscity.org  digos.city@deped.gov.ph
REGIONAL ADVISORY No. 010 s. 2018  
February 8, 2018

HEPHESTUS PROJECT CONSORTIUM IN THE PHILIPPINES

TO: Schools Division Superintendents  
Public Elementary and Secondary School Administrators

1. Hereewith is a letter from Mr. Roger Ravelo Jose, President, REF Marketing, informing interested Grades 5 to Grade 12 from both public and private schools regarding the Hephesetus Project Consortium in the Philippines of the REF Marketing in partnership with the University of Mindanao.

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ATTY. ALBERTO T. ESCOBARTE, CESO III  
Regional Director

IRESITA G. TAMBAKAN  
ASSISTANT REGIONAL DIRECTOR

DEPARTMENT OF EDUCATION ROXI  
RECORDS SECTION  
REleased  
By:  
Date: 2/10/18 Time: 1:33 PM
"The computer was born to solve problems
That did not exist before."
—John McCarthy

ATTY. ALBERTO T. ESCOBARTE, CESO IV
Director IV
Department of Education — Region 11

Dear Dr. Asuncion,

Good day! This is to request authorization and endorsement from your kind office to allow REF Marketing in partnership with University of Mindanao for this Hephhestus Project Consortium in the Philippines to introduce Educational Robotics by Lego and Advanced Computer Technical Training and by giving Survey Questionnaires which will not last of not more than 10 minutes to all primary and secondary schools in the whole Region 11. The Hephhestus Project is geared towards developing educational robotics as a foundation. Educational robotics is generally defined as a broad field that refers to a collection of educational activities, instructional programs, physical platforms, educational resources and pedagogical philosophy. As a demonstrable outcome, the project aims to design and build prototype educational robots androids used for educational application.

As of the status quo, along with galloping change and advancement in science and technology, robots and computers are of very great essentiality when it comes to making human laborat ease, making work more convenient for man and producing outputs in surely no time. Truly and timely, man evolves with technology. For this reason, many youth of today, are victims of incognizance and are left behind because of their lack of resources to learn technology and evolve with it, and there is a dearth in the knowledge needed to make use of it. REF Marketing and University of Mindanao deems to be the answer to this far-flung predicament.

REF Marketing is an entity that caters services for the youth’s needs — most especially to ameliorate being berthed in computer literacy and to enhance whatever prior knowledge they have acquired in the past. REF Marketing will also educate potential students thru University of Mindanao and use one of its latest model equipment known as Mindstorms EV3, core set and expansion educational robotics by Lego and rudimentary, yet fundamental computer technical training to educate potential Grades V to Senior High students from different private to public schools. The training that will be undertaken by the participants will help enhance their skills in the field of robotics, under the guidance of the expert instructors/specialists and various IT and engineering professors from our partner institutions, having real world experience. Everything that is learned in this training is practical, relevant and up-to-date.

With those aforementioned, REF established this training at its most efficient cost yet effective system of learning. Potential students and learners of this training will not have a strenuous time since REF guarantees them ease of availing their slots and because we extend Lego not only to their ears but directly to their fingertips. Through the years, REF partnered various schools, colleges and universities from different locations such as Pattis College of Aeronautics in Paranaque City, Dillman College in Quezon City, University of the East Recto- Manila as the Center of Excellence in Information Technology and University of the East Cascaloc City, University of Mindanao — Matina Campusus the Center of Development, St Paul University — Surigao and F.A.I.T.H Colleges Tanawanlatangas in Region 4a spread awareness of the LEGO educational robotics and to serve as the training grounds.

Robotics is the technology that designs, builds, and operates robots through the use of the process called programming; it will be taught in a hands-on application manner. This is beneficial for aspiring engineers, as well as people from other fields. Aside from Robotics, another service that they render is the computer technical training. This is to uplift the students’ knowledge to a higher or advanced level which is pertinent and useful for their chosen field or career and also to aid them in their academic needs. This is of dual purpose — learning while having fun.

By doing these, students’ ability in the field of Science, Technology, Engineering and Math will be further enhanced and fostered. These trainings will also present more opportunities to meet global standards of education. Through this we may be able to equip our youth the best way so that they won’t get left behind. Beefing up our education system and training our youth the best possible way is a good and essential steps towards creating true global citizens with better chances to succeed anywhere in the globe.

The target participants are Grade V to Senior High from private to public schools. The roster of resource persons comprises all specialists in their field of studies and IT Professors of our partner institution such as University Of Mindanao.

The training is 2 hours’ session/week on a Saturday or Sunday class that includes hands on training, use of Lego Educational Robotic kits, Laptops, Mac computers in an air conditioned room and laboratories along other material expenses for the duration.

Attached are this invitation during the Hephhestus project launching at University of MindanaoMatina Campus last December 11, 2017, authorization and a sample survey questionnaires.

Please give us the opportunity to be one of your catalysts of positive change as we have been doing through the years of hard work and dedication in the service to the government.

I am hoping for your kind consideration and approval.

Very truly yours,

ROBERT TRAVELA JOSE
President - REF Marketing
Email Add: refmarketing@gmail.com
Tel no: 094158218245
THE UNIVERSITY OF MINDANAO
Davao City, Philippines

The Heptastar Project
Launch and MOU Signing Ceremony
December 11, 2017 (Monday) at 1:00 PM
University Auditorium, Martin Campus

PROGRAM:

1:00 - Registration (Concurrent UM-UE MOU Signing @ Conference Rooms)

1:30 - Opening Ceremony: Prayer & National Anthem by UM Chorale

1:45 - Acknowledgment of Delegates and Guests by Host

2:00 - Presidential Remarks: Dr. Elmar A. Garcia, University of the East

2:15 - International Song rendition by UM Chorale

2:30 - Introduction to the Heptastar Robotics Project and Recognition of UM Robotics Team
   by Dr. Renato V. Amorado

2:55 - MOU Signing Ceremonies/Declaration of Understanding by Dr. Renato V. Amorado
   UM and Lego/REP President

3:20 - Presidential Remarks: Dr. Guillermo P. Torres Jr., UM

3:30 - Guest Remarks: Mr. Roger K. Jones, BIF

3:45 - Guest Remarks: Lego US Representative

4:15 - Dance Rendition by UM Makabayan Ensemble

4:30 - Closing Speech and UM Hymn by Dr. Pedro C. Castillo

Host:
Dr. Pedro C. Castillo
Asst. Vice President for Innovation

Note:
The dedication of learning and work, of enduring labor for
work.
- Rod Grimes, entrepreneur robotics, University of Massachusetts

Note:
This program is subject to change without notice.
AUTHORIZATION

This is to authorize REF MARKETING to introduce Lego Educational Robotics and Computer Technical Training with the use of actual demo and survey questionnaires to all primary and secondary schools in the whole Region XI to prequalify potential students of the Lego Educational Robotics and Computer Training at the University of Mindanao.

This authorization also extends to the promotion and marketing of University of Mindanao degree courses in Computing such as:

- Bachelor of Science in Computer Science (BSCS)
- Bachelor of Science in Information Systems (BSIS)
- Bachelor of Science in Information Technology (BSIT)
- Bachelor of Library and Information Science (BLIS)
- Bachelor of Science in Entertainment and Multimedia Computing (BSEMC)

This authorization is issued for the above purpose only.
Issued this 23rd day of January, 2018.

Authorized by:

RAMON P. VILCHEZ
Dean, College of Computing Education
University of Mindanao
Contact Number: 09338732761