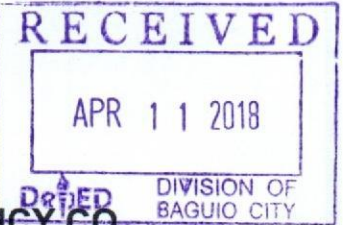




JNY CAREER MANAGEMENT CONSULTANCY CO.

9th Floor, LPL Tower, 112 Legaspi Street, Makati City

(02) 645-85-47 / (02) 881-96-45 / 09175519548 / nasalalima@yahoo.com



March 15, 2018

The DepEd Regional Directors
Schools Division Superintendents
& School Heads

Dear SIR/MADAM:

This is to respectfully forward to your office the DepEd Advisory # 047, s.2018 for your information and guidance. This is an invitation as well for you and your colleagues.


May I, likewise, request immediate dissemination of this Advisory to all concerned.

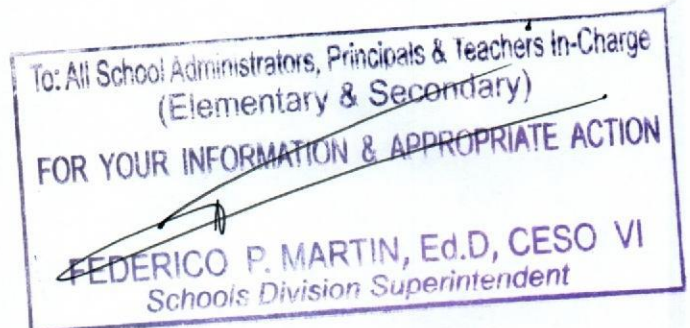
I am not asking for an endorsement knowing fully well, as a former public school principal, that it is not allowed. This is a personal request.

I am hoping for a favorable action on this desire to partner with you in the journey towards excellence in education.

Thank you very much for your time and consideration.

Truly yours,


NOEL A. SALALIMA
Program & Training Manager
Executive Director



TRAINING PROGRAM PROPOSAL

(Proponent: JNY CAREER MANAGEMENT CONSULTANCY CO.)

Title of the Training:

NATIONAL SEMINAR-WORKSHOP ON BASIC ROBOTICS AND AUTOMATION

Proposed Date and Venue:

MAY 3-5, 2018 * TEACHERS' CAMP, BAGUIO CITY

Rationale and General Description of the Activity:

This three-day seminar-workshop covers topics on the basics of robotics and artificial intelligence. The workshops will include building simple robots, use of different sensors, controllers, and a bit of programming. The participants will acquire knowledge on how artificial intelligence is utilized in all aspects of automation from simple machines to industrial applications. The workshop will use the popular microcontroller called Arduino; an open source platform. Arduino is a prototype platform based on an easy-to-use hardware and software. It consists of a circuit board, which can be programmed (referred to as a microcontroller) and a ready-made software called Arduino IDE (Integrated Development Environment), which is used to write and upload the computer code to the physical board. A **hands-on** workshop on microcontroller programming, its fundamental routines, and popular microcontroller applications will be discussed. **A simple competition of the built robots of the participants shall culminate the training. Prizes and surprises are at stake!**

Target Participants: Educators, Heads of Schools, School Administrators, School Supervisors, Science and Technology (STEM Teachers, and Students, TechVoc (ICT) Teachers and Students, Science and Technology/Robot Enthusiasts and Interested Individuals/Groups

Specific Objectives:

The seminar-workshop aims to:

1. make the participants understand the different components of Artificial Intelligence;
2. enable them to gain knowledge on how artificial intelligence is utilized in all aspects of automation;
3. train them to interface computer programs to control different types of machines;
4. help them to build simple robots using Arduino microcontroller; and
5. help them develop possible applications of robotics and artificial intelligence.

Registration Fee: Includes 6 snacks, 3 lunch meals, certificates of appearance and completion and seminar hand-outs. This does not include the transportation, accommodation and the robotics kit for assembly during the workshop.

- | | | |
|--|---|--------------|
| 1. Regular fee | - | Php 5,000.00 |
| 2. Early Bird (on or before April 3, 2018) | - | Php 4,500.00 |
| 3. Group of 5 less 1 free (on or before April 3, 2018; same school or division). | - | Php20,000.00 |

Robotics Kit : Separate fee/Optional-

- | | | |
|---|---|--------------|
| 1. Regular Price | - | Php 5,000.00 |
| 2. If ordered and paid on or before April3, 2018 | - | Php 4,500.00 |
| 3. Group of 5 less 1 kit free if ordered & paid on or before April 3, 2017; same school or division). | - | Php 20,00.00 |

Payments may be deposited at Banco de Oro (BDO) Savings Accounts # 002-003-009598-9 or 0020-300-98959 under the name Noel A. Salalima. Transportation and accommodation are personally arranged by and on the account of the participant. Please bring your own laptops and extension cords, 3" philip screw & soldering iron.



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1st ROBOTIC CHALLENGE

M E C H A N I C S

- I. **NAME OF COMPETITION:**
"SUMO ROBOT FIGHT" WHERE TWO ROBOTS ARE ENGAGED IN A BATTLE.
- II. **OBJECTIVE:**
TO BUILD A FULLY AUTONOMOUS ROBOT WHICH IS HIGHLY FUNCTIONAL AND COMPETITIVE IN A BATTLE DEPICTING THE HUMAN SUMO FIGHT.
- III. **MATERIALS:**
ROBOTIC KIT EXCLUSIVELY PROVIDED BY/PURCHASED FROM THE ORGANIZER, PARTICIPANTS' OWN LAPTOPS AND EXTENSION CORDS.
- IV. **SPECIFICATIONS:**

Type of event	Three rounds every battle. Single round robin or win-lose record.
Basis of winning	A robot pushed outside the arena or moved outside the arena without any battle loses the round. Rematch happens when in an event of a 1 minute battle there are no robot moved outside the arena . This happens when 2 robots tangled- up in a match and end up with no progress in the movement.
Robot movement	Autonomous
Weight	500 grams or 1 kilogram
Dimension	At the start: (500 g-17cm x 17 cm x 17 cm) or (1 kg – 22 cm x 22 cm x 22cm) Expanding robots are allowed. These are robots that move some of its parts before the battle begins).
Arena	Circular wooden plank 90 cm in diameter, and must be 10 cm above ground.
Restrictions	The robot must not have any device that can interfere with the function of sensors used by the opponent robot
Before the game	Robots will be inspected by the referee. After inspection, the robot will be quarantined (player or owner will not be allowed to touch the robot) prior to the battle.

- V. **PRIZES AND SURPRISES AWAIT YOU...**
1st PRIZE: Php 3,000.00 / 2nd PRIZE: Php 2,000.00 / 3rd PRIZE: Php 1,000.00

FOR DETAILS, PLEASE CONTACT:
NOEL AGAPAY SALALIMA
PROGRAM & TRAINING MANAGER
JNY CAREER MANAGEMENT CONSULTANCY CO.
(02)645-85-47 / (02)881-964-5 / 09175519548
nasalalima@yahoo.com

Note: Please bring your own laptop, extension cord, 3" philip screw & soldering iron/tool.