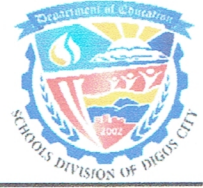




Republic of the Philippines
Department of Education
Region XI
SCHOOLS DIVISION OF DIGOS CITY
Digos City

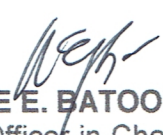


Division Advisory No. 047, s. 2019
April 15, 2019

To: CID Chief Supervisor
School Principals/Officers-in-Charge/Administrators
Public and Private Schools

Lecture Seminar-Workshop in Davao City

1. Attached is the letter from Prof. Dr. Gil Nonato C. Santos, Convenor, PAPSI, inviting Junior and Senior High School Science teachers of both public and private schools to their Lecture Seminar-Workshop in Davao City on May 17-18, 2019 at the Malayan Colleges of Mindanao, Matina, Davao City.
2. It is informed that the attendance to said seminar-workshop is purely voluntary and subject to the discretion of the School Head/Administrators to ensure that the policy on engaged-time-on-task will be followed.
3. The participation of the public school teachers shall be on personal expense and time.
4. For information and guidance.


WINNIE E. BATON, Ed. D.
Officer-in-Charge
Office of the Schools Division Superintendent

DepEd Schools Division of Digos City
RECORDS SECTION

RELEASED
1904-331
DATE: 22 APR 2019 TIME: 11:12
BY: f

Encs: As stated
Reference: Letter of Prof. Dr. Nonato C. Santos dated April 10, 2019
To be indicated in the Perpetual Index under the following subjects:
CURRICULUM SCIENCE
Ibj: Lecture-Seminar-Workshop in Davao City
15 April, 2019

TRAINING

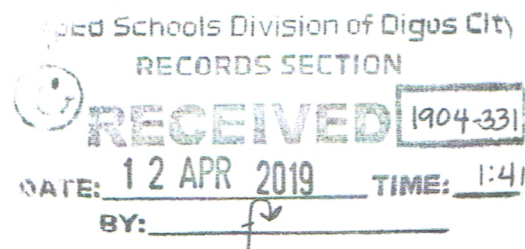


De La Salle University

Taft Avenue Manila, Philippines

April 10, 2019

DR. WINNIE E. BATOON, CESE
Schools Division Superintendent
DepEd Digos City Division, Region 11
Roxas St., Davao City



Dear Dr. Batoon,

Warm greetings of peace & solidarity!

On behalf of the Philippine Association of Physics and Science Teachers (PAPSI), I am pleased to inform your good office that we will be holding our **Lecture Seminar-Workshop in Davao City on May 17-18, 2019** in partnership with the **Malayan Colleges of Mindanao**. The said seminar-workshop is a 2-day event **with corresponding CPD units** that covers both content and hands-on teachers' training on the requested topics in **Biology, Chemistry, Physics, Environmental & Science of Natural Hazards and Robotics (Integration of Math and Physics)**. Our organization strongly supports the curriculum planning and implementation of the K-12 education in the country as it aims to enrich the pedagogical content knowledge of our Science educators in the various fields of Natural Sciences and Mathematics.

For over two years, PAPSI members from Luzon (*drawing close to 900 members to date*) gather each month in conjunction with the De La Salle University (DLSU) Manila for a continuing training seminar in STEM education with emphasis on subject content and curriculum implementation. PAPSI training seminars incorporate teaching methodologies, active hands-on laboratory activities, and guidelines in conducting both action research and Science Investigatory Project (SIP) that will help equip our STEM teachers in cultivating and sustaining the interest of the learners in investigatory and research activities.

As a national organization of Physics and Science Instructors, PAPSI promotes the advancement of learning specifically in the field of Natural and Physical Sciences in the Philippines. It aims to upgrade the quality of science educators through training and workshops designed to strengthen their pedagogical content knowledge in various fields such as Physics, Chemistry, Biology, Earth and Environmental Science. The organization strongly supports the curriculum planning and implementation of the K-12 education in the country.

Moreover, the content lecture-seminar will be facilitated by the Full Professors from De La Salle University (DLSU) Manila along with the hands-on laboratory workshop through the Science Star (PASCO) corporation, a leading distributor and developer of technology-based laboratory equipment and solutions for hands-on science teaching for over 100 countries and Robotics Workshops by First EduSpec Inc, the no.1 K-12 IT Education provider in Asia.

Participants of the said seminar-workshop are Junior and Senior High School Science Teachers from both private and public secondary schools all throughout the region. **The registration fee is Php 2,200 that covers seminar kit, handouts, certificates, meals and snacks.** To confirm attendance and participation, registration is made by signing up to any of the following options:

- a. download and access PAPSI mobile application upon free download at either Google play (any Android device) or App Store (iPhone, iPad, iPod touch, Apple TV, or Mac);
- b. fill up the google form by visiting this direct link: bit.ly/papsiregisterdavao
- c. send SMS or text "PAPSIDAVAO" to 0966-165-2084

and through **advance payment deposit of P1,000** (non-refundable) to be deducted from the registration fee at the seminar payment venue.

An **early bird registration fee of P2,000 is open until May 1, 2019 to avail a Php 200 discount.** Those who wish to attend the seminar-workshop or avail the early bird registration shall deposit their advance payments at **BPI (Bank of the Philippine Islands), under PAPSI Training Center, Savings Account 4949-7189-51** and email their deposit slip at papsi.davao@gmail.com. Complete payment information and procedure may be viewed at <http://bit.ly/paypapsidavao>. **Limited slots are available on a first-come, first-served basis.**

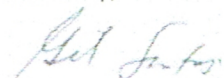
In this connection, PAPSI would like to request and seek support from your good office through the issuance of a **division wide memorandum** to all High School Principals, District Supervisors, Cluster Heads and Secondary Heads of both public and private Junior and Senior High Schools to strongly encourage and send their Science teachers to participate in this professional learning opportunity. Further, this will be for the professional development of our Science Teacher participants as they upgrade vertically in the practice of their teaching profession which will cascade and greatly promote the quality education of our students.

With the engaging workshops and exciting keynotes, we know that the great momentum built around the K-12 education in the Philippines will continue to flourish this year and in the next to come with the help of your good office. We are optimistic that through your support at hand, we can move onward to greater bounds in committed and pro-active academic service to our educational system.

Here is looking forward to your discerning attention and assistance to this defining undertaking. Should you need to contact us for discussion, more information and queries, our team leader in Mindanao, **Ms. Belinda B. Faustino** with contact number, (0917) 1581179 will help us facilitate a fruitful communication with you in the very near future.

We will truly appreciate to hearing a favorable response from you. Thank you very much.

Sincerely,



PROF. DR. GIL NONATO C. SANTOS

Convenor, PAPSI

Vice Chancellor for DLSU Laguna

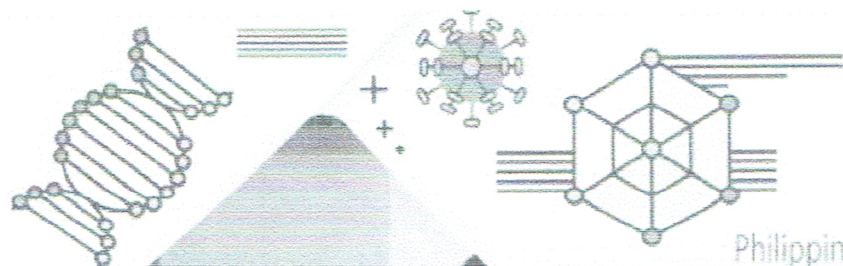
Head, Solid State Physics Lab /iNano Research Facility

Email: gil.santos@dlsu.edu.ph

PROGRAM OF ACTIVITIES

<i>Time</i>	<i>Activity</i>	<i>Speaker</i>
DAY 1		
7:00 AM – 8:30 AM	Registration	
8:30 AM – 10:00 AM	PLENARY SESSION Opening Program	Dr. Gil Nonato Santos PAPSI Convenor Vice Chancellor for DLSU Laguna Head, Solid State and iNano Research Facility Full Professor, Physics Dept. DLSU
10:00 AM – 12:00 NN (1 st session)	PARALLEL SESSION Group A: Biology-Genetics Group B: Environment and Natural Hazards Group C: Hands-on Workshop (PASCO)	Dr. Mariquit de los Reyes Ph.D. Chemical and Biochemical Engineering, University of Maryland, USA Associate Professor 6 - Biology Department, DLSU Dr. Maria Cecilia Galvez (Experimental Physicist) Full Professor, Physics Dept. DLSU Science Star (Pasco) Specialists
12:00 NN – 1:00 PM	LUNCH	
1:00 PM – 3:00 PM (1 st rotation) 3:00 PM – 5:00 PM (2 nd rotation)	PARALLEL SESSION <i>Rotation of session assignments by group</i>	Dr. Mariquit de los Reyes Ph.D. Chemical and Biochemical Engineering, University of Maryland, USA Associate Professor 6 - Biology Department, DLSU Dr. Maria Cecilia Galvez (Experimental Physicist) Full Professor, Physics Dept. DLSU Science Star (Pasco) Specialists
DAY 2		
7:30 AM – 9:30 AM (1 st session) 9:30 AM – 11:30 AM (1 st rotation)	PARALLEL SESSION Group A: Chemistry-Organic Molecules Group B: Physics -Geometric Optics Group C: Hands-on Workshop (PASCO)	Dr. Mariquit de los Reyes Ph.D. Chemical and Biochemical Engineering, University of Maryland, USA Associate Professor 6 - Biology Department, DLSU Dr. Maria Cecilia Galvez (Experimental Physicist) Full Professor, Physics Dept. DLSU Science Star (Pasco) Specialists
12:00 NN – 1:00 PM	LUNCH	
12:30 PM – 2:30 PM (2 nd rotation)	PARALLEL SESSION <i>Rotation of session assignments by group</i>	Dr. Mariquit de los Reyes Ph.D. Chemical and Biochemical Engineering, University of Maryland, USA Associate Professor 6 - Biology Department, DLSU Dr. Maria Cecilia Galvez (Experimental Physicist) Full Professor, Physics Dept. DLSU Science Star (Pasco) Specialists
2:30 PM – 4:30 PM	Robotics: Integration of Math & Physics Parallel Workshop	Robotics Specialists from EduSPEC Inc.
4:30 PM – 5:30 PM	Evaluation Closing Program Distribution of Certificates	Dr. Gil Nonato Santos PAPSI Convenor Vice Chancellor for DLSU Laguna Head, Solid State and iNano Research Facility Full Professor, Physics Dept. DLSU

DATE	TOPICS (Based on DepEd Curriculum Guide)
Day 1: May 17, 2019	Parallel Session
Topic 1	Biology- Genetics A. Laws of inheritance B. Central dogma of life, protein synthesis C. General principles and techniques in recombinant DNA technology; genetic engineering
Topic 2	Environment & Natural Hazards A. Geologic Processes and Hazards B. Hydrometeorological Phenomena and Hazards
Topic 3	Hands-on Laboratory Activity 1 using Pasco equipment
Day 2: May 18, 2019	Parallel Session
Topic 1	Chemistry – Organic Molecules A. The Carbon Atom B. Organic Molecules in Biological Systems
Topic 2	Physics – Geometric Optics A. Reflection and refraction at plane and spherical surfaces B. Mirrors C. Thin Lens
Topic 3	Robotics Workshop - Integration of Math and Physics Hands-on Laboratory Activity 2 using Pasco equipment



PAPSI

Philippine Association of Physics & Science Instructors



2ND PAPSI NATIONAL TEACHERS' TRAINING IN DAVAO

VENUE Malayan Colleges Mindanao
Davao City

DATE MAY 17-18, 2019

Limited Slots Only!

via link : bit.ly/papsiregisterdavao

via messenger: [www.fb.com/PAPSIpage](https://www.facebook.com/PAPSIpage)

via sms: text DPAPSI to 0966-165-2084

Download Invitation Letter here:

bit.ly/invitationpapsidavao

Payment Information here:

bit.ly/paypapsidavao

TRAINING FEE

2-day Fee: P2,200

Early Bird Promo: P2,000

Inclusions:

PAPSI ID, Meals & Snacks

Seminar kit, Hand-outs, Certificates.

TOPICS

Biology - Genetics

Chemistry - Organic Molecules

Physics - Optics

Environment & Natural Hazards

Hands-on Activities (PASCO equipment)

Robotics: Integration of Physics and Math

PAYMENT

Bank Deposit: BPI

Savings Account: 4949-7189-51

Account Name: PAPSI Training Center

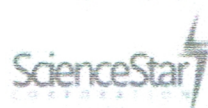
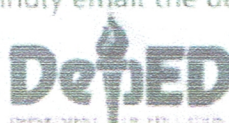
Kindly email the deposit slip to papsi.davao@gmail.com



CALL FOR PARTICIPANTS!

Continuing Professional Development (CPD) UNITS are in process

In Partnership with:



Early Bird Registration is open! Register and Pay in advance on or before May 1, 2019 to avail the discount