



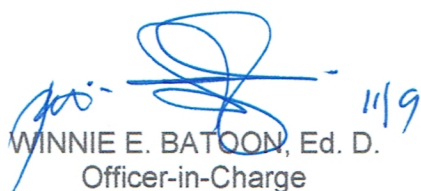
Republic of the Philippines
Department of Education
Region XI
SCHOOLS DIVISION OF DIGOS CITY
Digos City



Division Advisory No. 142, s. 2018
November 9, 2018

Lecture Series and Seminar-Workshops on Selected Topics in Physics, Chemistry, Research, Science Investigatory Project and Calculus for Science Teachers

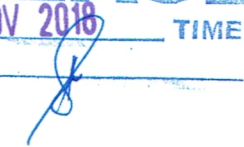
1. Attached is the letter of Prof. Dr. Gil Nonato C. Santos, Vice Chancellor, De La Salle University, inviting Junior and Senior High School Science teachers from both private and public secondary schools of this Division to the first Seminar-Workshop of Philippine Association of Physics and Science Instructors (PAPSI) in Mindanao in partnership with Philippine Science High School Southern Mindanao Campus on November 30-December 1, 2018.
2. This Office interposes no objection to the participation to the above activity provided that participation is on personal expenses only, that no DepEd or public school funds shall be utilized for this purpose and the policy of "No Disruption of Classes" as per DepEd Order No. 9, s. 2005 entitled "Instituting Measures to Increase Engaged Time-on-Task and Ensuring Compliance Therewith" is observed.
3. Details of the said activity are contained in the enclosures.
4. For information, guidance and compliance.


WINNIE E. BATOON, Ed. D.
Officer-in-Charge

Office of the Schools Division Superintendent

DepEd Schools Division of Digos City
RECORDS SECTION

RELEASED
18-21512

DATE: 09 NOV 2018 TIME: 4:10 PM
BY: 

Encls: As stated

References: Letter of Prof. Dr. Gil Nonato C. Santos, dated November 5, 2018

To be indicated in the Perpetual Index under the following subjects:

CURRICULUM

SCIENCE

SEMINAR-WORKSHOP

lbg: lecture series and seminar-workshops on selected topics in physics, chemistry, research, science investigatory projects and calculus for science teachers
9 November, 2018



DE LA SALLE UNIVERSITY

Taft Avenue Manila, Philippines

November 5, 2018

Dr. Winnie E. Batoon
School Division Superintendent
Department of Education Region X1
Digos city

DepEd Schools Division of Digos City

RECORDS SECTION



RECEIVED

21512

DATE: 07 NOV 2018

TIME: 3:03

BY: 

Dear Dr. Batoon,

I hope that this letter reaches you in the best of health and spirits. I am writing on behalf of the Philippine Association of Physics and Science Instructors (PAPSI), a national organization that aims to offer content seminars and training workshops designed to strengthen the pedagogical content knowledge of our Science, Technology, Engineering, and Mathematics (STEM) and Junior High School Teachers.

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

PAPSI envisions to expand its science education community by bringing the science training seminar-workshops in Mindanao. It is in this juncture that I am pleased to inform you that the first seminar workshop of PAPSI in Mindanao will be launched and conducted in Davao City in partnership with the Philippine Science High School Southern Mindanao Campus on November 30-December 1, 2018. The list of topics and program of the 2-day seminar-workshop are attached herewith.

The seminar-convention will feature lecture seminar-workshops on selected topics in Physics, Physical Science, Chemistry, Research Science Investigatory Project and Calculus for Science Teachers. These content lecture will be facilitated by the Professors from the De La Salle University (DLSU) together with the hands-on equipment exhibit from the Science Star (PASCO)

company. Participants are Junior and Senior High School Science Teachers from both private and public secondary schools all throughout the region.

The registration fee is Php 2,000 that covers membership fee, meals and snacks, seminar kit, certificates and organization T-shirt. Moreover, the application for CPD units are already in process which will further benefit our teacher participants in terms of their professional development as they upgrade vertically in their practice of teaching profession.

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 "PAPSI" to 0966-165-2084.

Limited slots are available on a first-come, first-served basis.

In connection with this, PAPSI would like to humbly request and seek support from your good office a favorable consideration in the **issuance of a division-wide advisory 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.

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 thorough your support at hand, we can move onward to greater bounds in committed and pro-active academic service to our educational system.

Here's hoping for your discerning attention and assistance to this defining undertaking. Thank you very much and we anticipate a fruitful session with you in the very near future.

Sincerely,



Prof. Dr. Gil Nonato C. Santos

Vice Chancellor

Email: gil.santos@dlsu.edu.ph

Mobile: +63966-165-2084

**Lecture Series and Seminar-Workshops on Selected Topics in Physics, Chemistry,
Research Science Investigatory Project and Calculus for Science Teachers**

November 30-December 1, 2018

Philippine Science High School Southern Mindanao Campus, Mintal Davao City

DATE	TOPICS (Based on DepEd Curriculum Guide)
Day 1: November 30	Parallel Session
Group A	Physics & Physical Science <i>How we come to realize that the earth is not the center of the Universe?</i> - Greek views of matter, motion and the universe - evidence that the earth is not the center of the universe <i>Why we believe that the laws of physics are universal?</i> - Aristotelian, Galilean, Newton's laws of motion, mass, momentum and energy conversion <i>How light acts as a wave and a particle?</i> <i>How physics helps us understand Cosmos?</i> - relativity, big bang, planets and solar system
Group B	Research/Capstone Project/SIP
Group C	Hands-on Activity using Pasco equipment
Day 2: December 1	Parallel Session
Group A	Chemistry: Organic compounds -The carbon atom - Bonding patterns in hydrocarbons - Properties and reactivities of common functional groups - Polymers - Biomolecules
Group B	Calculus for Science Teachers
Group C	Hands-on Activity using Pasco Equipment

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November 30-December 1, 2018

Philippine Science High School Southern Mindanao Campus, Mintal Davao City

<i>Time</i>	<i>Program of Activities</i>	<i>Speaker</i>
<u>DAY 1</u> 7:00 – 8:30 AM	Registration	
8:30 – 9:00 AM	PLENARY SESSION Opening Prayer National Anthem Welcome/ Introduction Orientation/Introduction of Facilitators	
9:00 AM – 12:00 NN	PARALLEL SESSION Group A: Physics and Physical Science Group B: Research/Science Investigatory Project	DR. EMMANUEL T. RODULFO (PhD in Physics) Theoretical Physicist Head, Theory Group Full Professor, De La Salle University Physics Department DR. EMMANUEL V. GARCIA (PhD in Chemistry) Director of Br. Alfred Shields FSC Ocean Research Center, DLSU.
12:00 NN – 1:00 PM	Lunch	
1:00 PM – 4:00 PM	PARALLEL SESSION <i>Shifting of session assignments</i>	DR. EMMANUEL T. RODULFO (PhD in Physics) Theoretical Physicist Head, Theory Group Full Professor, De La Salle University Physics Department DR. EMMANUEL V. GARCIA (PhD in Chemistry) Director of Br. Alfred Shields FSC Ocean Research Center, DLSU.
4:00 PM – 5:00 PM	Showcase of Science Star (Pasco) Equipment	Science Star (Pasco) Representative

<u>DAY 2</u> 8:00-8:30 AM	Opening Prayer Energizer Attendance Reminders	
8:30 AM – 11:30	PARALLEL SESSION Group A: Chemistry-Organic Compounds Group B: Calculus for Science Teachers	DR. EMMANUEL T. RODULFO (PhD in Physics) Theoretical Physicist Head, Theory Group Full Professor, De La Salle University Physics Department DR. EMMANUEL V. GARCIA (PhD in Chemistry) Director of Br. Alfred Shields FSC Ocean Research Center, DLSU.
11:30 NN – 1:00 PM	Lunch	
1:00 PM – 4:00 PM	PARALLEL SESSION <i>Shifting of session assignments</i>	DR. EMMANUEL T. RODULFO (PhD in Physics) Theoretical Physicist Head, Theory Group Full Professor, De La Salle University Physics Department DR. EMMANUEL V. GARCIA (PhD in Chemistry) Director of Br. Alfred Shields FSC Ocean Research Center, DLSU.
4:00 PM – 5:00 PM	Evaluation Open Forum / Interaction Closing Prayer Distribution of Certificates	