



# Philippine Foundation for Science and Technology

13 May 2016

*To: SDSs  
for your appropriate  
action, please.  
Thanks - Jody B. B...*  
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*Jody B. B...*

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**DR. DIOSDADO M. SAN ANTONIO**  
Regional Director  
Department of Education – CALABARZON  
Gate 2, Karangalan Village  
Cainta, Rizal

Dear Dr San Antonio:

Good day!

Last year's demo on HOMOMICH of Prof. Cora Salumbides was a success. As a follow-up, we are willing to conduct again a teachers training-workshop. This time, the workshop will be about Physics and will be known as the 'Interactive Learning System: Concept and Tools' (ILSCT) Workshop and is a good preparation for your teachers for DepEd's K-12 Program and spiralling mode of instruction.

We will assign a training team (to be led by Mr. Narciso Mefragata, a former Don Bosco instructor and currently a PFST Education Consultant and 3 PFST facilitators) for the 1-day workshop as well as provide for the necessary workshop paraphernalia and materials. At the end of the workshop, a science kit will be provided to the teachers to 'take home' to their respective schools.

The learning investment fee per teacher is pegged at P2,500.00. This covers for the 1-day module, 'take home' kit, workshop materials, transportation expenses and 'tokens' to the training team.

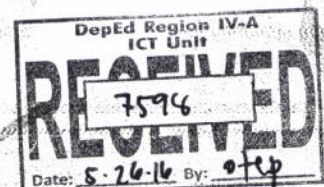
As initially agreed with Mr. Tape, 1) tentative date of the ILSCT workshop is June 9; 2) 100-150 teacher-participants; and 3) meals and accommodation are not included from PFST's P2,500 package. We hope DepEd 4A may send official communication/invitation to schools; provide the venue (NEAP Training Center) for the workshop as well as contact a caterer.

Attached is a 1-page summary of the training module for your reference.

Thank you very much.

Very truly yours,

*May M. Pagsinohin*  
**MAY M. PAGSINOHIN**  
Executive Director



## “Interactive Learning System: Concept and Tools for K-12”

Teachers will do 20 experiments on measurement, electricity, magnetism, circuits and switches using the Simple Universal Kit during the workshop. An additional 80 – 100 experiments can be done t the classroom using the ‘take home’ Universal Kit. Each experiment can be done in the teacher’s very own classroom for teaching a particular science concept.

At the end of the workshop, the teacher-participants are expected to upgrade knowledge on the subject matter (i.e., Physics) and will improve educational mechanism that will effectively teach scientific concepts and skills to students focusing on the actual tinkering of simple experiments.



*Teacher-participants show off some of the contents of the Universal Kit while doing some activities during the module on “Interactive Learning System: Concepts and Tools”.*

*(Picture taken on 15 April 2016 at SEM Calaca Powerplant, Calaca, Batangas)*

## BIOGRAPHICAL SKETCH

**NARICISO MEFRAGATA** is a retired teacher of Don Bosco Technical College in Mandaluyong City. He worked with Don Bosco system for 44 years and a PPS Golden Service Awardee. He collaborated and worked with the Philippine Association of Physics Teachers (PAPT), the Philippine Association of Physics Instructors (PAPI), Catholic Educators Association of the Philippines (CEAP), and the University of the Philippines – National Institute of Mathematics and Science Education (UPNISMED). Currently, he is a consultant and a regular trainer of the Philippine Physics Society (PPS) and the Philippine Foundation for Science and Technology (PFST). He is also a recognized trainer among schools, colleges and universities like the University of the Philippines, Ateneo and the Mindanao State University. He is the Managing Director of the Education and Training Bureau of the Filipino Inventors Society (FIS). He established the Junior Chapter of the FIS in cooperation with principals and other school heads (public and private). In his training-workshops, he supplies and uses low cost science apparatuses he locally produced and which can easily be replicated by the teachers and students in their own communities/schools. Annually, since 2002, he has trained more than 6,000 teachers in 16 regions and has developed more than 70 regional trainers/teachers in the different regions of the country.

Among his favorite topics in Physics are Basic Electricity, Static Electricity, Instrumentation, Optics, Electromagnetism, Mensuration, Circuits and Moment of Inertia, to name a few. All these topics are discussed during his workshops accompanied with different activities and experiments.