

EDUCATION PROGRAM MANAGEMENT - RESEARCH CONSULTANCY  
Your reliable partner in Science, Technology, Engineering and Mathematics Education and Teaching Pedagogy  
DTI Reg. No.: CN04267351

DR. DIOSDADO M. SAN ANTONIO  
Director IV  
DepEd-Region 4A  
Karangalan ES, Karangalan Village, Cainta, Rizal

*TO: SDS  
For your appropriate  
action, please sign below  
Thank you Sir  
Diosdado*

Dear Dr. San Antonio:

A pleasant day to you!

The STEM Education Training Hub is a teacher training institution that provides content and pedagogy training on science, technology, and engineering and mathematics topics. After the success of the seven science, mathematics and scientific research content training programs held in the first quarter of 2017, the STEM Hub shall conduct another set of training program in the second quarter of 2017. In this regard, we would like to request for the endorsement from your good office to disseminate the information to the interested participants from both private and public schools.

The training shall focus on the implementation of the curriculum standards through appropriate lesson planning, assessment and implementation procedures and techniques in the classroom. The participants shall be trained by experts with international training background in their field of expertise such science, research and curriculum management program. We are inviting the teachers, department heads, club advisers, pre-service teachers and school administrators to the following programs:

Date	Training Courses	Venue	Participants
April 21-23, 2017  Registration Fee: Option A: P4,000.00 (inclusive of 6 snacks and 3 lunches)  Option B: P5,000.00 (inclusive of 6 snacks & 3 lunches + dorm-type accommodation* for two nights)  *slots for accommodation shall depend on availability	Assessment in the 21 <sup>st</sup> Century Classroom (aligned to the INTEL Teach International Teacher-Training Program)	National Educators Academy (NEAP) DepEd -NCR, E. Santos cor. Cepeda St., Marikina City	Teachers, head teachers, supervisors, school principals and pre-service teachers
	Improving School Performance through Conduct of Classroom-Based Action Research		
April 28-30, 2017  Registration Fee: Option A: P4,000.00 (inclusive of 6 snacks and 3 lunches)  Option B: P5,000.00 (inclusive of 6 snacks & 3 lunches + dorm-type accommodation* for two nights)  *slots for accommodation shall depend on availability	Assessment in the 21 <sup>st</sup> Century Classroom (aligned to the INTEL Teach International Teacher-Training Program)	CENTRAL LUZON STATE UNIVERSITY Science City of Muñoz Nueva Ecija, Philippines	Teachers, head teachers, supervisors, school principals and pre-service teachers
	Improving School Performance through Conduct of Classroom-Based Action Research		
May 5-7, 2017  Registration Fee: P4,000.00 (inclusive of 6 snacks and 3 lunches)	National Training on the Conduct of Scientific Research	University of Santo Tomas-Manila	Science and math teachers, research advisers, research proponents (students), head teachers,

Contact Numbers: 0915-3530454 (Globe) / 0935-0153809 (TNT) / 0942-9806766 (SUN) / Landline: (02) 547-6551 /  
Website: [www.stemtrainings.com](http://www.stemtrainings.com) / email: [stemeducationhub@gmail.com](mailto:stemeducationhub@gmail.com) / Facebook: STEM Education Training Hub

TO: Elementary & Secondary School Heads

April 3, 2017

For your information, guidance and approval as attendance to any activity of school-based personnel and learners is within your discretion.  
For Official Time Only No Government Funds shall be used.

*Cheerylou D. De Mesa*  
CHEERYLOU D. DE MESA  
OIC, Schools Division Superintendent



DR. DIOSDADO M. SAN ANTONIO  
Director IV  
DepEd-Region 4A  
Karangalan ES, Karangalan Village, Cainta, Rizal

Dear Dr. San Antonio:

A pleasant day to you!

The STEM Education Training Hub is a teacher training institution that provides content and pedagogy training on science, technology, and engineering and mathematics topics. After the success of the seven science, mathematics and scientific research content training programs held in the first quarter of 2017, the STEM Hub shall conduct another set of training program in the second quarter of 2017. In this regard, we would like to request for the endorsement from you good office to disseminate the information to the interested participants from both private and public schools.

The training shall focus on the implementation of the curriculum standards through appropriate lesson planning, assessment and implementation procedures and techniques in the classroom. The participants shall be trained by experts with international training background in their field of expertise such science, research and curriculum management program. We are inviting the teachers, department heads, club advisers, pre-service teachers and school administrators to the following programs:

Date	Training Courses	Venue	Participants
<b>April 21-23, 2017</b>  <b>Registration Fee:</b> <b>Option A:</b> P4,000.00 (inclusive of 6 snacks and 3 lunches)  <b>Option B</b> P5,000.00 (inclusive of 6 snacks & 3 lunches + dorm-type accommodation* for two nights)  <small>*slots for accommodation shall depend on availability</small>	<b>Assessment in the 21<sup>st</sup> Century Classroom</b> (aligned to the INTEL Teach International Teacher-Training Program)	National Educators Academy (NEAP) DepEd -NCR, E. Santos cor. Cepeda St., Marikina City	Teachers, head teachers, supervisors, school principals and pre-service teachers
	<b>Improving School Performance through Conduct of Classroom-Based Action Research</b>		
<b>April 28-30, 2017</b>  <b>Registration Fee:</b> <b>Option A:</b> P4,000.00 (inclusive of 6 snacks and 3 lunches)  <b>Option B</b> P5,000.00 (inclusive of 6 snacks & 3 lunches + dorm-type accommodation* for two nights)  <small>*slots for accommodation shall depend on availability</small>	<b>Assessment in the 21<sup>st</sup> Century Classroom</b> (aligned to the INTEL Teach International Teacher-Training Program)	CENTRAL LUZON STATE UNIVERSITY Science City of Muñoz Nueva Ecija, Philippines	Teachers, head teachers, supervisors, school principals and pre-service teachers
	<b>Improving School Performance through Conduct of Classroom-Based Action Research</b>		
<b>May 5-7, 2017</b>  <b>Registration Fee:</b> P4,000.00 (inclusive of 6 snacks and 3 lunches)	<b>National Training on the Conduct of Scientific Research</b>	University of Santo Tomas- Manila	Science and math teachers, research advisers, research proponents (students), head teachers,



			supervisors and other interested participants
<b>May 12-14, 2017</b> <b>Registration Fee:</b> <b>Option A:</b> P4,000.00 (inclusive of 6 snacks and 3 lunches)  <b>Option B:</b> P5,000.00 (inclusive of 6 snacks & 3 lunches + dorm-type accommodation* for two nights)  *slots for accommodation shall depend on availability	<b>National Training on Robotics</b>	National Educators Academy (NEAP) DepEd -NCR, E. Santos cor. Cepeda St., Marikina City	Elementary and high school teachers and students, trainers, parents and other interested participants
<b>June 16-18, 2017</b> <b>Registration Fee:</b> <b>Option A:</b> P4,000.00 (inclusive of 6 snacks and 3 lunches)  <b>Option B:</b> P5,000.00 (inclusive of 6 snacks & 3 lunches + dorm-type accommodation* for two nights)  *slots for accommodation shall depend on availability	<b>Education Program Management and Implementation</b> <b>Inquiry Based-Learning and Science Process Skills Development</b> (in line with the Inquiry-Based Learning Program of LAMAP, France & ISTIC-UNESCO, Malaysia)	National Educators Academy (NEAP) DepEd -NCR, E. Santos cor. Cepeda St., Marikina City	Science teachers, head teachers, supervisors and other interested participants

Effective educational pedagogies such as constructivism, social cognition learning model, learning style theory, and brain-based learning will be used in facilitating the sessions. It will be ensured that learning is interdisciplinary, inquiry-driven, contextual, and problem-based. The training design and delivery will include active-oriented learning techniques.

Participants may register by texting their name, province, date and title of the Seminar to any of the following numbers: **0935-0153-809 (TM) / 0915-3530-454 / 0942-9806-766 (Smart/ SUN)** or through our email **stemeducationhub@gmail.com**. Complete details of the training program design and complete speakers' profile may be emailed to the participants upon registration or request.

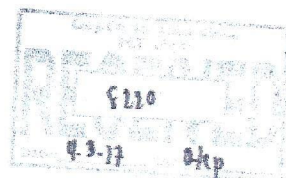
Confirmation of attendance and payment of registration fee should be made at least three (3) days before the seminar. Kindly send to our email the scanned copy or picture (jpeg format) of your deposit slip with your Name, Contact Number, the Title and Date of the Seminar-Workshop written on it. Walk-in participants will be accepted if there are still available slots. Payment of registration fee should be deposited to this Account Name: **STEM EDUC TRAINING HUB**; Account Number: **006320401108** at any branch of Banco de Oro (BDO). Please bring the deposit slip for verification purposes.

For more information and other inquiries, interested participants may text or email us at **stemeducationhub@gmail.com**. We shall keep in touch with you for the next batch of training programs to be held in different venues around the Philippines and abroad. You may also visit our website at **www.stemtrainings.com**.

We respectfully invoke your full support by allowing your teachers to participate in these trainings. Thank you.

Very truly yours,

  
**KELLY BORONG**  
Training Program Coordinator







# EDUCATION PROGRAM MANAGEMENT RESEARCH CONSULTANCY

Your reliable partner in Science, Technology, Engineering and Mathematics Education and Teaching Pedagogy

DTI Reg. No.: CN04267351

## Training Courses / April – June 2017

COURSE TITLE	COURSE DESCRIPTION	SPEAKERS
<b>3-day Training Course on Assessment in the 21<sup>st</sup> Century Classroom</b> (aligned to the INTEL Teach International Teacher-Training Program)  Batch 1: April 21-23, 2017, 8am-5pm National Educators Academy (NEAP) DepEd -NCR, E. Santos cor. Cepeda St., Marikina City  Batch 2: April 28-30, 2017, 8am-5pm <b>CENTRAL LUZON STATE UNIVERSITY</b> Science City of Muñoz Nueva Ecija, Philippines  Batch 3: May 28-29, 2017, 8am-5pm Dumaguete City, Philippines  Registration Fee: Option A: P4,000.00 (inclusive of 6 snacks and 3 lunches)  Option B: P5,000.00 (inclusive of 6 snacks & 3 lunches + dorm-type accommodation* for two nights for batches 1-2 only)  *slots for accommodation shall depend on availability	The course is a 3-day program on classroom assessment patterned after the INTEL Teach Elements, international training program of Intel Microelectronics. This training program is contextualized to Philippines setting to respond to the mandate of the Department of Education's DepEd order number 8 series of 2015 which explains the relevance of effective assessment in the achievement of K to 12 Program curriculum standards. This program will enable the teachers with necessary skills for assessment planning, designing, implementation and analysis. The participants shall learn different assessment techniques and procedures in response to the core curricular requirements and learners' need. The training design and delivery will include active-oriented learning techniques.  Sub topics: • 21 <sup>st</sup> century skills development • Test question development • Unpacking of curriculum standards • Modern assessment tools • Rubrics construction • Creating and evaluating performance tasks • Interpretation and utilization of assessment data	<b>Joseph R. Jacob</b> -Supervising Education Program Specialist of the Department of Education, Central Office -trained by: • ASCD, USA on Standards-Based Assessment • LAMAP, France on Inquiry-Based Learning • Intel-Educator Academy Phoenix & Pittsburgh USA on Research & Education Program Management • SEAMEO-RECSAM, Malaysia on ASEAN Curriculum Standards Development -Resource Speaker on Assessment & Rating System in the K-12 National Training of Trainers for 5-consecutive years.  <b>Nicanor San Gabriel</b> -Education Program Specialist of the Department of Education -national trainer of K12 mathematics -Graduate School professor at National Teachers College -Trained by SEAMEO Recsam, Malaysia on Curriculum Management
<b>3-day Training Course on Improving School Performance through the Conduct of Classroom-Based Action Research</b>  Batch 1: April 21-23, 2017, 8am-5pm National Educators Academy (NEAP) DepEd -NCR, E. Santos cor. Cepeda St., Marikina City  Batch 2: April 28-30, 2017, 8am-5pm <b>CENTRAL LUZON STATE UNIVERSITY</b> Science City of Muñoz Nueva Ecija, Philippines  Registration Fee: Option A: P4,000.00 (inclusive of 6 snacks & 3 lunches)  Option B: P5,000.00 (inclusive of 6 snacks & 3 lunches + dorm-type accommodation* for two nights) *slots for accommodation shall depend on availability	This 3-day program shall enable the teachers to be skilful in finding solutions to the school-based problems through action research. The participants shall be trained on the rudiments of the research process from creating the research question down to data analysis and formulation of recommendations.	<b>Maribel Perez</b> -Senior Education Program Specialist of the Department of Education -Trained by SEAMEO Recsam, Malaysia on Curriculum Management -national trainer of K12 mathematics -graduated from UP-Diliman and Ateneo de Manila with a specialization in Mathematics Education
<b>National Training on the Conduct of Scientific Research</b>  May 4-6, 2017 8am-5pm University of Santo Tomas, Manila (Tentative)  Registration Fee: P4,000.00 (inclusive of 6 snacks & 3 lunches)	This course is 3-day training on the conduct of a scientific research paper is anchored to the general scientific principles, concepts and guidelines in selecting, planning, designing, conducting and writing a comprehensive and valid scientific research project. The course intends to assist teachers and potential researchers in solving problems common when conducting and writing technical research paper. This course involves parallel sessions on the different topics on general information about the research processes, planning stage, conduct, data collection and interpretation and writing the research paper.	<b>Maribel Nonato</b> -Vice Rector for Research and Innovation, University of Santo Tomas -Professor of Chemistry Department of Chemistry, College of Science, *President, Natural Products Society of the Philippines -Chair, DepEd-NSTF Scientific Review Committee  <b>Liberato Ramos</b> -Nuclear engineer -Ret. Dept. Manager, National Power Corporation -Former ALARA & Exposure Management Superintendent, Bataan Nuclear Power Plant -Member, DepEd-NSTF Scientific Review Committee  <b>Myra Tansengco</b> -Senior Science Research Specialist

Contact Numbers: 0915-3530454 (Globe) / 0935-0153809 (TM) / 0942-9806766 (SUN) / Landline: (02) 547-6551 /  
 Website: [www.stemtrainings.com](http://www.stemtrainings.com) / email: [stemeducationhub@gmail.com](mailto:stemeducationhub@gmail.com) / Facebook: STEM Education Training Hub



<p><b>3-day Training Course on Robotics for Students and Teachers</b></p> <p>Batch 1: May 12-14, 2017, 8am-5pm National Educators Academy (NEAP) DepEd -NCR E. Santos cor. Cepeda St., Marikina City</p> <p>Batch 2: May 25-28, 2017, 8am-5pm Dumaguete City, Philippines</p> <p>Registration Fee: Option A: P4,000.00 (inclusive of 6 snacks and 3 lunches)</p> <p>Option B: P5,000.00 (inclusive of 6 snacks &amp; 3 lunches + dorm-type accommodation* for two nights for batch 1 only)</p> <p>*slots for accommodation shall depend on availability</p>	<p>This 3-day course aims to provide science, technology, engineering and mathematics (STEM) enthusiast an environment where they could expand their creativity and scientific ability through construction and designing robot models. The training is divided into four levels from a) Basic Robotics, b) Intermediate Robotics, c) Advance Robotics and d) Applied Robotics which are based on the complexity of robot that will be used and difficulty in programming language. For the basic robotics training – workshop, participants will use simple wheeled and humanoid robot. Specifically at the end of the training the participants should be able to:</p> <ul style="list-style-type: none"> <li>• Understand the importance of using robot tools properly.</li> <li>• Assemble and design robot according to specific task.</li> <li>• Create program that will make a functional robot.</li> <li>• Appreciate how robotics is used in technology nowadays.</li> </ul>	<p>Environment &amp; Biotechnology Division (EBD) Industrial Technology Development Institute (ITDI) Department of Science &amp; Technology (DOST) -Member, DepEd-NSTF Scientific Review Committee</p> <p><b>Dexter Palanas</b> -robotics trainer who has brought winning participants to various national and international competitions -BS Math and Physics graduate from the University of the Philippines-Los Baños under DOST scholarship program</p> <p><b>Anthony Ajinsod</b> -robotics coach who has brought winning participants to various national and international robotics competition</p>
<p><b>3-day Training Course on Education Program Management and Implementation</b></p> <p>June 16-18, 2017, 8am-5pm National Educators Academy (NEAP) DepEd -NCR E. Santos cor. Cepeda St., Marikina City</p> <p>Registration Fee: Option A: P4,000.00 (inclusive of 6 snacks &amp; 3 lunches)</p> <p>Option B: P5,000.00 (inclusive of 6 snacks &amp; 3 lunches + dorm-type accommodation* for two nights)</p> <p>*slots for accommodation shall depend on availability</p>	<p>In this 3-day training program target to produce teachers, supervisors and school administrators that are equip with competence in managing the curricular programs through proper program implementation, analysis and evaluation. The participants are expected to be trained on the following topics:</p> <ul style="list-style-type: none"> <li>• Curriculum management and implementation</li> <li>• Utilization and Management of assessment data</li> <li>• Action Planning</li> <li>• Lesson Study: Promoting collegial, collaboration and continuing professional development</li> <li>• Technology Enhanced Learning</li> <li>• Blended learning and project-based approach</li> </ul>	<p><b>Joseph R. Jacob</b> -Supervising Education Program Specialist of the Department of Education, Central Office -trained by:</p> <ul style="list-style-type: none"> <li>• ASCD, USA on Standards-Based Assessment</li> <li>• LAMAP, France on Inquiry-Based Learning</li> <li>• Intel-Educator Academy Phoenix &amp; Pittsburgh USA on Research &amp; Education Program Management</li> <li>• SEAMEO-RECSAM, Malaysia on ASEAN Curriculum Standards Development</li> </ul> <p>-Resource Speaker on Assessment &amp; Rating System in the K-12 National Training of Trainers for 5-consecutive years.</p> <p><b>Maribel Perez</b> -Senior Education Program Specialist of the Department of Education -Trained by SEAMEO Recsam, Malaysia on Curriculum Management -national trainer of K12 mathematics -graduated from UP-Diliman and Ateneo de Manila with a specialization in Mathematics Education</p> <p><b>Nicanor San Gabriel</b> -Education Program Specialist of the Department of Education -national trainer of K12 mathematics -Graduate School professor at National Teachers College -Trained by SEAMEO Recsam, Malaysia on Curriculum Management</p>
<p><b>3-day Training Course on Inquiry Based-Learning and Science Process Skills Development</b> (in line with the Inquiry-Based Learning Program of LAMAP, France, SEAMEO QUITEP in Science, Indonesia &amp; UNESCO, Malaysia)</p> <p>June 16-18, 2017, 8am-5pm National Educators Academy (NEAP) DepEd -NCR E. Santos cor. Cepeda St., Marikina City</p> <p>Registration Fee: Option A: P4,000.00 (inclusive of 6 snacks &amp; 3 lunches)</p> <p>Option B: P5,000.00 (inclusive of 6 snacks &amp; 3 lunches + dorm-type accommodation* for two nights)</p> <p>*slots for accommodation shall depend on availability</p>	<p>This 3-day program aims to produce teachers who could be able to lead the learners in developing both the basic and integrated science process skills through the inquiry-based learning approach. The participants shall be guided on difference classroom practices that would lead them to produce scientifically, technologically and environmentally individuals enhanced with 21<sup>st</sup> century skills.</p>	<p><b>Joseph Gutierrez</b> - Fulbright scholar graduate from the University of Wyoming with a specialization in Astronomy Education -fellow in International Leaders Education Program in Montana State University-Bozeman -Program Manager, Sabado Astronomiya (a science learning outreach program) -At present, the Senior Education Program Specialist of the Department of Education</p> <p><b>Denis Dyvee Errabo</b> -UP College of Biology graduate (cum laude) with CTP program at Miriam College. -former science teacher in Ateneo University and currently serving as the senior science curriculum specialist of the Department of Education. He is now taking his PhD program in Biology at De La Salle University. -At present, the Senior Education Program Specialist of the Department of Education</p>



Date	Training Courses	Venue	Participants
April 21-23, 2017	Assessment in the 21 <sup>st</sup> Century Classroom (aligned to the INTEL Teach International Teacher-Training Program)	NATIONAL EDUCATORS ACADEMY (NEAP) DepEd -NCR, E. Santos cor. Cepeda St., Marikina City	Teachers, head teachers, supervisors, school principals and pre-service teachers
	Improving School Performance through the Conduct of Classroom-Based Action Research		
April 28-30, 2017	Assessment in the 21 <sup>st</sup> Century Classroom (aligned to the INTEL Teach International Teacher-Training Program)	CENTRAL LUZON STATE UNIVERSITY Science City of Muñoz Nueva Ecija, Philippines	Teachers, head teachers, supervisors, school principals and pre-service teachers
	Improving School Performance through Conduct of Classroom-Based Action Research		
May 5- 7, 2017	National Training on the Conduct of Scientific Research	UNIVERSITY OF SANTO TOMAS- MANILA (Tentative)	Science and math teachers, research advisers, research proponents (students), head teachers, supervisors and other interested participants
May 12- 14, 2017	Nationwide Training on Robotics	National Educators Academy (NEAP) DepEd -NCR, E. Santos cor. Cepeda St., Marikina City	Elementary and high school teachers and students, trainers, parents and other interested participants
May 26- 28, 2017	Assessment in the 21 <sup>st</sup> Century Classroom (aligned to the INTEL Teach International Teacher-Training Program)	DUMAGUETE CITY (Tentative)	Teachers, head teachers, supervisors, school principals and pre-service teachers
	Nationwide Training on Robotics		
June 16-18, 2017	Education Program Management and Implementation	NATIONAL EDUCATORS ACADEMY (NEAP) DepEd -NCR, E. Santos cor. Cepeda St., Marikina City	Science teachers, head teachers, supervisors and other interested participants
	Inquiry Based-Learning and Science Process Skills Development ( in line with the Inquiry-Based Learning Program of LAMAP, France , SEAMEO QITEP in Science, Indonesia & ISTIC-UNESCO, Malaysia)		





## February to March 2017 Training Events

- Science & Math Content Training
- Conduct of Scientific Research
- Science & Math Curriculum Management
- Robotics

