

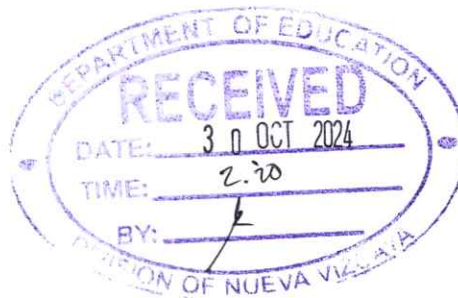


October 3, 2024

**BENJAMIN D. PARAGAS**

Regional Director

Department of Education (DepEd)  
Region II (Cagayan Valley)



Dear Dir. Paragas,

Greetings!

The Faculty of Science, Technology, and Mathematics (FSTeM) of the Philippine Normal University (PNU) is holding the **4th National Conference on Science, Technology, and Mathematics Education** themed "*Future Ready STEM Education co-creating our Futures*" on December 7 - 8, 2024 at the Philippine Normal University - Manila. This event aims to provide a platform for intellectual dialogue on emerging issues in STEM education, gain insights of the solutions, and to contribute to effective future-ready STEM education for nation-building.

Aside from the plenary talks, the conference features workshops that offer hands-on experiences to participants on a range of topics such as sustainable energy, space science, STEM education technology tools and solutions. Participants will also have the chance to share their research findings through oral or poster presentations and interact with exhibits from collaborators.

In this regard, we would like to request the regional office to endorse the participation of a total of **5 Mathematics and Science teachers from the elementary, junior, and senior high school level who will present at least one research paper**. Please furnish us a copy of the list of identified participants from your region on or before October 25, 2024 through this email ([fstem.extension@pnu.edu.ph](mailto:fstem.extension@pnu.edu.ph))

In addition, may we request that the identified participants register online through this link <https://shorturl.at/gZM1r> and upload their abstracts for paper and poster presentation.

We will only entertain participants duly endorsed by their regional offices due to the limited slots for this free conference. Moreover, to encourage their participation, we would also like to further request that the expenses incurred be charged to available local funds.

For more information, please visit our <https://www.facebook.com/NatConSTEM>. Inquiries may also [fstem.extension@pnu.edu.ph](mailto:fstem.extension@pnu.edu.ph)

We are looking forward to your positive response.

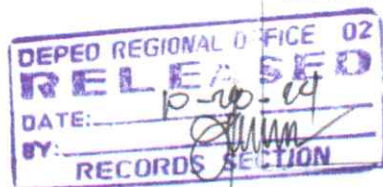
Thank you very much!

Sincerely,

**Alfons Jayson O. Pelgone, Ph.D.**  
Conference Chair

To: Schools Division Superintendents

In view of this aforementioned activity, this Office reiterates that the participation of public and private schools is voluntary and shall be subjected to the non-disruption-of-class policy as stipulated in DepEd Order No. 9, s. 2005 entitled Instituting Measures to Increase Engaged Time-on-Task and Ensuring Compliance therewith.



|  |   |                |                     |
|--|---|----------------|---------------------|
| <b>MEMORANDUM</b>  |   | Date: 10-31-24 | Released (Records): |
| To: <input checked="" type="checkbox"/> PSDS/DICs  | <input checked="" type="checkbox"/> Elem/Sec School Heads |                |                     |
| <input type="checkbox"/> Private Schools   | <input type="checkbox"/> Others:                          |                |                     |
| For: <input checked="" type="checkbox"/> Information   | <input checked="" type="checkbox"/> Dissemination         |                |                     |
| <input type="checkbox"/> Guidance  | <input type="checkbox"/> Strict Compliance                |                |                     |
| <b>ORLANDO E. MANUEL Ph.D., CESO V</b><br>Schools Division Superintendent  |   |                |                     |
| By: <input type="checkbox"/> ASDS <input type="checkbox"/> CID Chief <input type="checkbox"/> SGOB Chief <input type="checkbox"/> AO <input type="checkbox"/> Atty | Signature:  |                |                     |

**BENJAMIN D. PARAGAS EdD, CESO III**  
Director IV/Regional Director



PHILIPPINE NORMAL UNIVERSITY

The National Center for Teacher Education

College of Teacher Development

Faculty of Science, Technology, and Mathematics

**4<sup>th</sup> National Conference on Science, Technology, and Mathematics Education**

*Future-ready STEM Education co-creating our Futures*

#### 4<sup>th</sup> National Conference for STEM Education

*Theme: Future-ready STEM Education co-creating our Futures*

December 7-8, 2024

Faculty of Science, Technology, and Mathematics

Philippine Normal University – Manila

Taft Avenue, Manila

#### Day 1. December 7, 2024 (Saturday)

|                         |   |  |
|-------------------------|---|--|
| 8:00 a.m. - 8:30 a.m.   | Registration of Participants  |  |
| 8:30 a.m. - 9:00 a.m.   | Opening Program <ul style="list-style-type: none"><li>Philippine National Anthem</li><li>Doxology</li><li>PNU Mission Vision and Quality Policy</li><li>House Rules</li></ul> |  |
| 9:00 a.m. - 9:15 a.m.   | Welcome Remarks   | <b>Dr. Bert J. Tuga</b><br>President<br>Philippine Normal University   |
| 9:15 a.m. - 9:30 a.m.   | Opening Address   | <b>Dr. Gladys C. Nivera</b><br>Dean, College of Teacher Development<br>PNU   |
| 9:30 a.m. - 10:30 a.m.  | Keynote Address 1   | <b><i>Developing Futures Literacy Among STEM Learners</i></b><br><br><b>Ester B. Ogena, PhD</b><br><b>Vice President</b><br>Foundations for Upgrading the Standard of Education, Inc. (FUSE)<br><br>President (2011-2018),<br>Philippine Normal University |
| 10:30 a.m. - 10:15 a.m. | Question and Answer   | Prof. Vic Marie Camacho,<br>Faculty Facilitator  |
| 10:15 a.m. - 10:45 a.m. | Morning break<br>Poster Presentation and Exhibit  |  |
| 10:45 a.m. - 11:45 a.m. | Keynote Address 2   | <b><i>AI in STEM Education</i></b><br><br><b>Kevin Anthony Sison</b><br>President and Chief Executive Officer<br>SCTSC Review Corporation  |
| 11:45 a.m. - 12:00 noon | Question and Answer   | Dr. Donna Marie DM Gonong, Faculty<br>Facilitator  |
| 12 noon - 1:00 p.m.     | Lunch break   |  |
| 1:00 p.m. - 2:30 p.m.   | Parallel Workshops  | Workshop 1.1 Casio<br>Workshop 1.2 PhilSA<br><b>Workshop 1.3 Sustainable Energy</b>  |





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**4th National Conference on Science, Technology, and Mathematics Education**

*Future-ready STEM Education co-creating our Futures*



|                       |   |   |
|-----------------------|---|---|
|                       |   | Workshop 1.4 Khan Academy<br>Workshop 1.5 DOST-SEI<br>Workshop 1.6. First Eduspec, Inc. (Robotics)  |
| 2:30 p.m. – 3:30 p.m. | Coffee Break<br>Poster Presentation and Exhibit |   |
| 3:30 p.m. – 5:00 p.m. | Parallel Workshops                              | Workshop 1.1 Casio<br>Workshop 1.2 PhilSA<br><b>Workshop 1.3 Sustainable Energy</b><br>Workshop 1.4 Khan Academy<br>Workshop 1.5 DOST-SEI<br>Workshop 1.6. First Eduspec, Inc. (Robotics) |

*Master of Ceremonies: Prof. Vic Marie I. Camacho*

## Day 2. December 8, 2024 (Sunday)

|                         |  |   |
|-------------------------|--|---|
| 8:00 a.m. - 8:15 a.m.   | Registration of Participants                   |   |
| 8:15 a.m. - 8:30 a.m.   | Recap of Day 1                                 | Dr. Jayson De Vera  |
| 8:30 a.m. - 9:30 a.m.   | Keynote Address 3                              | <b><i>Numeracy as Foundation for the Future</i></b><br><br><b>Dir. Bernadeth Daran</b><br>Director for Curriculum/Learning Design and Strategic Engagement<br>Khan Academy  |
| 9:30 a.m. – 9:45 a.m.   | Question and Answer                            | Prof. Edward Macagne, Facilitator   |
| 9:45 a.m. – 10:00 a.m.  | Morning Break                                  |   |
| 10:00 a.m. – 11:00 a.m. | Keynote Address 4                              | <b><i>Communicating STEM for Nation Building and the Future</i></b><br><br><b>Mr. Mark Ivan Roblas</b><br>Supervising Science Research Specialist<br>Philippine Council for Industry, Energy and Emerging Technology Research and Development<br>Department of Science and Technology |
| 11:00 a.m. - 11:15 a.m. | Question and Answer                            | Dr. Jayson De Vera  |
| 11:15 a.m.- 1:00 pm     | Lunch Break<br>Poster Presentation and Exhibit |   |
| 1:00 p.m. – 2:30 p.m.   | Paper Presentation                             | Paper Presentation A. Facilitator<br>Paper Presentation B. Facilitator<br>Paper Presentation C. Facilitator<br>Paper Presentation D. Facilitator  |
| 2:30 p.m. – 3:00 p.m.   | Afternoon break                                |   |
| 3:00 p.m. – 4:00 p.m.   | Keynote Address 5                              | <b><i>Creative Thinking in STEM Education</i></b><br><br><b>Dr. Ivy P. Mejia</b><br>UP National Institute for Science and Mathematics Education Development   |



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|                       |  |                                  |
|-----------------------|--|----------------------------------|
|                       |  |                                  |
| 4:00 p.m. – 4:15 p.m. | Question and Answer  | Prof. Nelson Garcia, Facilitator |
| 4:15 p.m. – 5:00 p.m. | Closing Program <ul style="list-style-type: none"><li>• Closing Remarks</li><li>• PNU Hymn</li></ul> | FSTeM COP                        |

***Master of Ceremonies: Dr. Jayson De Vera***