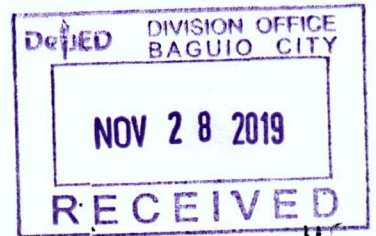


**3rd National Science & Engineering Fair 2020
PHILIPPINES**
January 31-February 2, 2020, Teachers Camp, Baguio City



October 12, 2019

Dr. Lampac
Thanks
Jr



Dear Sir / Madam

Subject: 3rd National Science and Engineering Fair Philippines

A pleasant day to you!

In support to the thrust of the Department of Education curriculum in cultivating a nation full of critical thinking and problem solving citizens through holistic learning and standards-based education, the STEM Hub, a premier institution which focuses on STEM Education, research and education programs would like to seek for your endorsement for the **3rd National Science and Engineering Fair (NSEF) Philippines** to be held at the Teachers' Camp, Baguio City on January 31-February 2, 2020.

The program aims to create a culture of research in the nation and bring about opportunities for learning and collaboration platform among the participants. In April 2018, there were about 300 young research finalists and observers with 81 research projects from all over the country participated in the 1st NSEF. We are successful in the digital publishing these abstracts in the National Library of Singapore through the support of our international partner Ascendens Asia Singapore. The event was followed by the 700 research participants in 2019 with 300 research projects nationwide making us the biggest scientific research gathering for the basic education in the Philippines. We have expanded this program to elementary, high school, college students and teachers to promote our thrust and support in the STEM education in a wider scope. Thus helping the country in the promotion and development of science literacy, critical thinking and problem solving skills among its people.

We respectfully seek for your usual support by helping us reach students and teachers who have great interest in the field of scientific and multidisciplinary research. Hoping that with your great support, we could be able to create a civilization filled with scientific minds that have greater appreciation and desire to improve the lives of the human beings, the society and the environment.

Attached are the details of the events as well as the program matrix.

Thank you very much!

Sincerely,

Joseph R. Jacob
JOSEPH R. JACOB, LPT, MBA, MAED, FRIED
President, NSEF Philippines

STEM EDUCATION TRAINING HUB
09662082556 (Globe) / 09325342791 (Sun)
stemeducationhub@gmail.com / Facebook@NSEFPh
www.stemtrainings.com



Republic of the Philippines
Department of Education
Cordillera Administrative Region
Wangal, La Trinidad, Benguet

ADVISORY



November 26, 2019

TO: **SCHOOLS DIVISION SUPERINTENDENTS
ALL DIVISIONS
ALL CONCERNED**

For information and dissemination.

#ORD/mbe/esp

MAY B. ECLAR, Ph.D., CESO V
Regional Director

M. B. Eclar
064-100

3rd National Science & Engineering Fair 2020 PHILIPPINES

January 31-February 2, 2020, Teachers Camp, Baguio City



NSEF 2020 Pre-Registration Process

Categories:	Sub Categories	Emails
A: Elementary Research	A. Invention B. Investigation	nsefp3elem@gmail.com
B. Junior High School Research	A. Experimenting B. Engineering C. Multidisciplinary	nsefp3jhs@gmail.com
C. Senior High School Research	A. Experimenting B. Engineering C. Multidisciplinary	nsefp3shs@gmail.com
D. Teacher Research	A. Experimenting B. Engineering C. Multidisciplinary	nsefp3teach@gmail.com
E. Teacher Lesson Plan	*write the subject area and grade level	nsefp3teach@gmail.com
F. Teacher Strategic Intervention Material (SIM)	A. Classroom-based B. School Wide C. Others. Please specify.	nsefp3teach@gmail.com
G. National STEM Quiz Bee	A. Elementary B. Junior High School C. Senior High School	stemhubsecretariat@gmail.com

How to join:

- I. The project focal person /lead or the adviser shall email us to express the intent to join NSEF 2019. All emails must be done by the teachers (project lead, research adviser, school administrator) or parent of the student with no research adviser. Please attached the following:

a) Registration Information:

Category	Sub Category	Project Title	Proponents/s	Grade Level (of the proponents or the grade level being taught by the teacher)	School /School Address	Adviser (for research only)	Email Address	Contact Number

- b) Abstract for the Research Competition (for research entries only)
- c) Project Description (for research entries only)
- d) Lesson Plan (for the teacher lesson plan contest only)
- e) SIM (for SIM contest only)
- f) Copy of the deposit slip of P300 pre evaluation fee for all contests except the quiz bee.

Registration to the National STEM Quiz Bee is P1, 000 which includes the FREE 3-day observer's access to the NSEF 2020 programs.

- II. Submission of entries for pre-evaluation is on September 15, 2019 to December 6, 2019. Feedback to the entries shall be given within two weeks after the submission. Early submission of entries is an advantage to have an ample time for the revision when necessary.
- III. Details to the competition proper shall be given after the confirmation of the finalists.
- IV. All the FORMAT and specific guidelines for each category may be requested on the email provided.

STEM EDUCATION TRAINING HUB

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3rd National Science & Engineering Fair 2020 PHILIPPINES

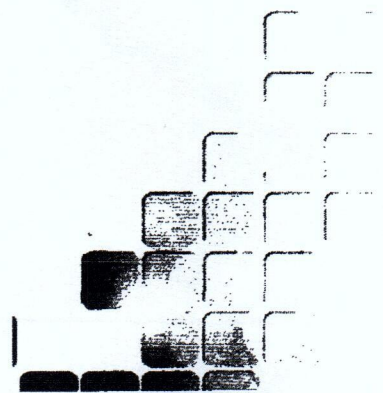
January 31-February 2, 2020, Teachers Camp, Baguio City



NSEF 2020 Program Matrix

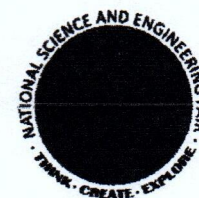
January 31-February 2, 2020, Teachers Camp, Baguio City

January 31, 2020		February 1, 2020	February 2, 2020
<p>On-site registration (8-12 noon) Submission of the hard copies: -2 soft-bind research project -1 properly labelled CD containing all the soft copies of the required documents.</p> <p>Only the head of the delegation shall register the team /school with 1-2 assistants who shall handle the kits and other materials.</p> <p>The rest of the student participants of the student finalists shall create a poster representing their school. They will use ½ size illustration board (bring your own materials). This will be displayed at the opening ceremony.</p> <p>Project Set Up and Inspection (9 am to 2 pm)</p> <p>Opening Ceremony (6-8 pm) All participants will wear the event shirt</p>	<p>The 1st National STEM Quiz Bee (quiz bee participants only)</p> <p>Competitions and awarding happens on the same day. All the participants can serve as observers in NSEF 2020</p>	<p>8 am – 3 pm Onsite Project Inspection / Judging</p> <p>Public Viewing / Media Interviews</p> <p>Project Public Presentation (random selection of the finalists)</p> <p>6-9 PM Students and Adult Mixer</p>	<p>8-11 noon Project Public Presentation (random selection of the finalists)</p> <p>Awarding Ceremonies 11am-12 nn Elementary Category 1-2pm Junior and Senior High School 2-4 pm Teacher Categories</p>



3RD National Science & Engineering Fair 2019 PHILIPPINES

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FORM 1

REGISTRATION / INFORMATION SHEET

DIRECTIONS: This form will be submitted as soon as the finalist confirmation is received. It should be emailed in WORD Format along with the project description questionnaire for research and needed attachments for other categories (SIM & LP). This should be filled up by the adviser or the proponent per school.

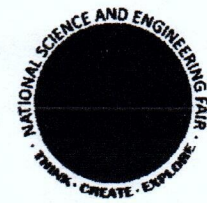
Category	Sub Category	Project Title	Proponents/s	Grade Level	School	Adviser	Email Address	Contact Number

Participants' Names		T-shirt Size
Project Proponents		
Adviser/s		
Observers		

Categories:	Sub Categories
A. Elementary	A. Invention B. Investigation
B. Junior High School	A. Experimenting B. Engineering C. Multidisciplinary
C. Senior High School	A. Experimenting B. Engineering C. Multidisciplinary
D. Teacher Research	A. Experimenting B. Engineering C. Multidisciplinary
E. Teacher Lesson Plan	*write the subject area and grade level
F. Teacher Strategic Intervention Material (SIM)	A. Classroom-based B. School Wide C. Others. Please specify.

3RD National Science & Engineering Fair 2019 PHILIPPINES

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FORM 2

PROJECT DESCRIPTION QUESTIONNAIRE (PDS)

DIRECTIONS: This form shall be filled up by the research proponents and to be submitted as soon as the finalist confirmation is received. This should be submitted in WORD format. Please prepare two hard copies to be submitted on the actual event printed in A4 size paper.

Project Title:

Project Proponents:

School:

Adviser:

Mentor / Qualified Scientist / Institution:

Section 1: Summary

A brief overview of your Entry.

Section 2: About Me:

Introduce yourself/your team.

Section 3: Question/Proposal:

Describe the question that you are investigating and your hypothesis, or the problem that you are going to try to solve and the outcome that you expect.

Section 4: Research:

An account of the research that you have done into your chosen category, and how this has influenced your Entry.

Section 5: Method/Testing and Redesign

Describe in detail how you carried out your experiment or tested your solution.

Section 6: Results

Data and observations gathered during your experiment or testing, presented clearly, including a description of any patterns or trends.

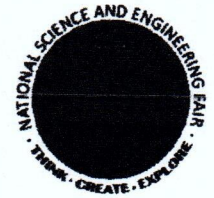
Section 7: Conclusion/Report

An explanation of how your experiment or testing answers your question, or why it fails to do so, and whether or not the outcome was as you expected.

Section 8: Bibliography, References and Acknowledgements

3RD National Science & Engineering Fair 2019 PHILIPPINES

January 31-February 2, 2019, Teachers Camp, Baguio City



FORM 3

PARENTAL / GUARDIAN CONSENT

I _____ parent/ guardian of _____
is allowing him/her to participate in the 1st
National Science and Engineering Fair (NSEF) Philippines to be held in Teachers Camp, Baguio City on
April 6-7, 2018.

Parent / Guardian
(Signature over printed name and date)

3RD National Science & Engineering Fair 2019 PHILIPPINES

January 31-February 2, 2019, Teachers Camp, Baguio City



FOI.M 4
PHOTO RELEASE FORM

I hereby grant permission to *NSEF* to use photographs and/or video of me taken on *January 31-February 2, 2020* at *Baguio City, Philippines* in publications, news releases, online, and in other communications related to the mission of *NSEF and the STEMHub*.

(Signature of Adult, or Guardian of Children under age 18)

Name _____

Address _____

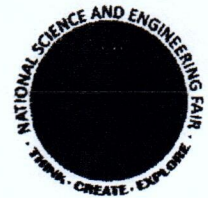
Phone (day) _____ (evening) _____

Email Address (optional) _____

Thank you!

3RD National Science & Engineering Fair 2019 PHILIPPINES

January 31-February 2, 2019, Teachers Camp, Baguio City



FORM 5 VOLUNTEER JUDGE

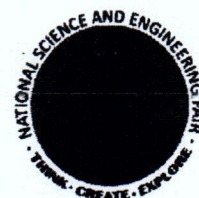
DIRECTIONS: This form will be filled up by the volunteer judges. They may judge the categories of their choice expect the entries of the institution where they are affiliated with. Other information will be emailed to the judges upon confirmation. Please attach the recent curriculum vitae when this form is sent through email.

Category	Sub Category	Name	Position	Institution / Affiliation	Highest Educational Attainment / School / Specialization	Years of experience in the field of expertise	Email	Contact Number

Categories:	Sub Categories
A: Elementary	C. Invention D. Investigation
B. Junior High School	D. Experimenting E. Engineering F. Multidisciplinary
C. Senior High School	A. Experimenting B. Engineering C. Multidisciplinary
D. Teacher Research	A. Experimenting B. Engineering C. Multidisciplinary
E. Teacher Lesson Plan	*write the subject area and grade level
F. Teacher Strategic Intervention Material (SIM)	D. Classroom-based E. School Wide F. Others. Please specify.

3RD National Science & Engineering Fair 2019 PHILIPPINES

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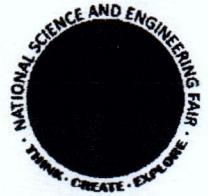
FORM 6 VOLUNTEER STAFF / ORGANIZER

DIRECTIONS: Please email us this form along with the curriculum vitae.

Activities	Maximum number of days	Name /s	Position / Institution	Email	Contact Number
Ushering	1-3 days January 31- February 2, 2020				
Venue preparation	1-5 days starting January 30, 2020				
Photo / Video Documentation / IT Person	January 31- February 2, 2020				
Packing and Distribution of Materials	1-2 days January 30-31, 2020				
Facilitators for the presentations	1-2 days January 31- February 1, 2020				
Others. Please mention					

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FORM 6

PROJECT DESCRIPTION FOR SIM

Title of the Project:

Rationale:

Project Description: (in 250 words)

Benefit to the Learners:

Benefit to the Students:

Sustainability Plan: