



Republic of the Philippines  
PROVINCE OF PANGASINAN  
*Lingayen*  
*www.pangasinan.gov.ph*

**OFFICE OF THE SANGGUNIANG PANLALAWIGAN SECRETARY**

# CERTIFICATION

## TO WHOM IT MAY CONCERN:

*THIS IS TO CERTIFY that at the regular session duly constituted of the Sangguniang Panlalawigan, Province of Pangasinan, held on March 4, 2019 at Lingayen, Pangasinan, the following provincial resolution was approved:*

Authored by all Members of the Sangguniang Panlalawigan

## PROVINCIAL RESOLUTION NO. 157-2019

**CONGRATULATING MARYJOICE KARLA BUAN OF PANGASINAN NATIONAL HIGH SCHOOL, LINGAYEN, PANGASINAN FOR WINNING IN THE 2019 NATIONAL SCIENCE AND TECHNOLOGY FAIR**

**WHEREAS**, the National Science and Technology Fair is an annual Science and Technology Research and Innovation Competition which aims to promote science and technology consciousness among the youth and to identify the most creative and innovative science researchers in the country;

**WHEREAS**, the 2019 National Science and Technology Fair which showcased fifty-one (51) works by students from both public and private high schools from different regions of the country was conducted by the Department of Education and Gokongwei Brothers Foundation which was held at Tagaytay International Convention Center in Tagaytay City last February 18-22, 2019;

**WHEREAS**, Maryjoice Karla Buan who hails from Barangay Poblacion, Lingayen, Pangasinan, and a Grade 10-Science, Technology Engineering A student of Pangasinan National High School, has placed as Top 3 Best Research Project under Robotics and Intelligent Machines Individual Category in the recently concluded competition;

**WHEREAS**, the winning project of Maryjoice Karla Buan is titled "Arduino-based Solar Power Anti-Kaingin and Anti-Illegal Logging Alerting Device through Global System for Mobile Communications" wherein it is one of the Top 6 Best Research Projects in all categories;

**WHEREAS**, the device created by Maryjoice Karla Buan can detect signs of any suspicious activities leading to deforestation such as flame, smoke, vibration and sound sensors by sending a text message to alert concerned authorities;



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**WHEREAS**, Maryjoyce Karla Buan was invited to present and publish her brainchild study in an international research journal;

**WHEREAS**, Maryjoyce Karla Buan is also a recipient of the Excellence in Energy Research and Innovation Award conferred by MERALCO Foundation;

**WHEREAS**, Maryjoyce Karla Buan, as one of the grand award winners, will represent the Philippines in the Intel International Science and Engineering Fair to be held in Phoenix, Arizona, USA, the biggest science fair annually joined by eighty-nine (89) countries all over the world,

**WHEREAS**, Maryjoyce Karla Buan has shown steadfast dedication and commitment to her role as a youth and a student representing the Province of Pangasinan and the Region, not to mention the full support and fitting guidance of her Adviser, Mr. Gerald D. Soriano, and the Department and School Heads, namely: Dr. Adelina D. Vinluan and Dr. Elvira C. Viray, respectively;

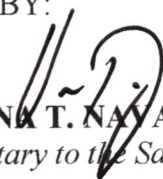
**WHEREAS**, Maryjoyce Karla Buan absolutely deserves the accolades for such honor and prestige from the Province of Pangasinan and its officials;

**WHEREFORE**, in view of the foregoing, on motion of all Members of the Sangguniang Panlalawigan, duly seconded, it was –

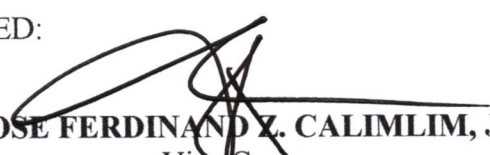
**RESOLVED**, by the Sangguniang Panlalawigan in session assembled to congratulate, as she is hereby congratulated, Maryjoyce Karla Buan of Pangasinan National High School, Lingayen, Pangasinan for winning in the 2019 National Science and Technology Fair;

**RESOLVED FINALLY**, to furnish copies of this resolution to Maryjoyce Karla Buan; Mr. Gerald D. Soriano, Adviser; and Dr. Elvira C. Viray, School Head, all of Pangasinan National High School, Lingayen, Pangasinan, for their information.

CERTIFIED BY:

  
**VERNA T. NAYA-PEREZ**  
*Secretary to the Sanggunian*

ATTESTED:

  
**JOSE FERDINAND Z. CALIMLIM, JR.**  
Vice Governor  
*(Presiding Officer)*