



The Philippine Nuclear Research Institute (PNRI)

in cooperation with

Japan Atomic Energy Agency (JAEA)



award this

# Certificate of Training

to

**ANANE R. SEREÑINA**

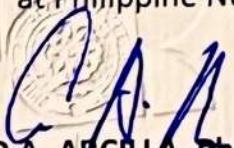
for having successfully completed the

## NATIONAL TRAINING COURSE ON ENVIRONMENTAL RADIOACTIVITY MONITORING

4 – 7 September 2023

Given this 7<sup>th</sup> day of September 2023

at Philippine Nuclear Research Institute, Diliman, Quezon City, Philippines

  
**CARLO A. ARCILLA, Ph.D.**

Director, PNRI

  
**YOKO WATANABE**  
Course Coordinator, JAEA

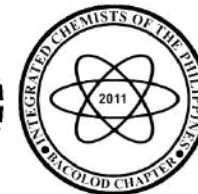
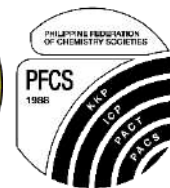
  
**TAKEHISA OHKURA**  
Course Coordinator, JAEA



**37<sup>th</sup> Philippine Chemistry Congress**

**Chemistry for Agriculture 4.0 and Food Security**

The Integrated Chemists of the Philippines  
presents this



# Certificate of Participation

to

**ANANE R. SEREÑINA**

for delivering a paper presentation entitled

*Carbon stock assessment of the Philippine National Greening Program using stable isotope technique*

during the

**37<sup>th</sup> Philippine Chemistry Congress**

held on 26-28 July 2023 at the SMX Convention Center, Bacolod City.

This conference is worth **eighteen (18) CPD units** as per PRC Chairman memo dated 07 June 2023.

PFCS CPD Provider Accreditation No.: **CHM-2017-005-255**

**Fabian Dayrit, PhD**

Chairperson, 37PCC Organizing Committee  
President, Integrated Chemists of the Philippines

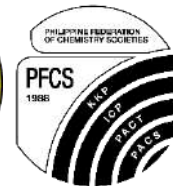
**Roselyn Usero**

President, Integrated Chemists of the Philippines-  
Bacolod Chapter



## 37<sup>th</sup> Philippine Chemistry Congress

### Chemistry for Agriculture 4.0 and Food Security



The Integrated Chemists of the Philippines  
presents this

# Certificate of Participation

to

**ANANE R. SEREÑINA**

for participating in the

**37<sup>th</sup> Philippine Chemistry Congress**

held on 26-28 July 2023 at the SMX Convention Center, Bacolod City.

This conference is worth **eighteen (18) CPD units** as per PRC Chairman memo dated 07 June 2023.

PFCS CPD Provider Accreditation No.: **CHM-2017-005-255**

**Fabian Dayrit, PhD**

Chairperson, 37PCC Organizing Committee  
President, Integrated Chemists of the Philippines

**Roselyn Usero**

President, Integrated Chemists of the Philippines-  
Bacolod Chapter



Technical Education and Skills Development Authority  
Region IV-B MIMAROPA  
Simeon Suan Vocational and Technical College  
Pag-asa, Bansud, Oriental Mindoro  
Tel Fax No. (049) 258 70 97



This

# *Certificate of Achievement*

is awarded to

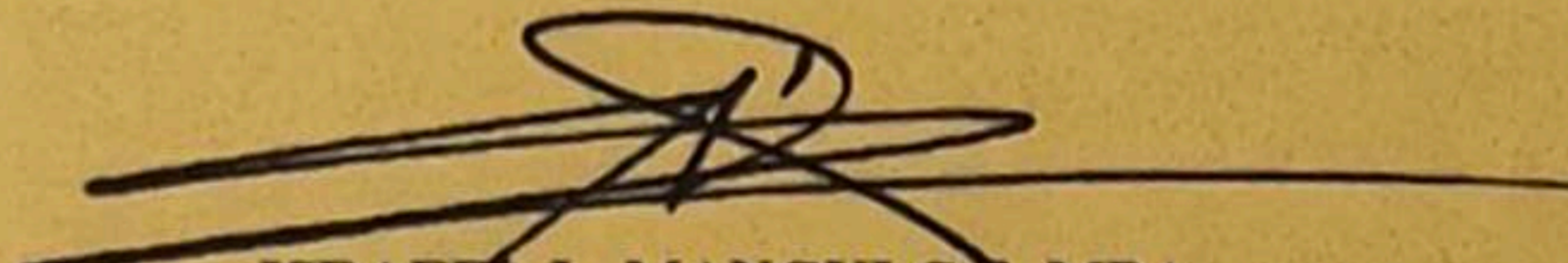
## **ANANE R. SEREÑINA**

for having successfully completed the

*Core Competency*

*Plan Training Session*

Given this 30th day of June, 2021 at Simeon Suan Vocational and Technical College,  
Pag-asa, Bansud, Oriental Mindoro



ISRAFIL L. MANGUI, C.E. MPA  
Vocational School Administrator III



Technical Education and Skills Development Authority  
Region IV-B MIMAROPA  
Simeon Suan Vocational and Technical College  
Pag-asa, Bansud, Oriental Mindoro  
Tel Fax No. (049) 258 70 97



This

# *Certificate of Achievement*

is awarded to

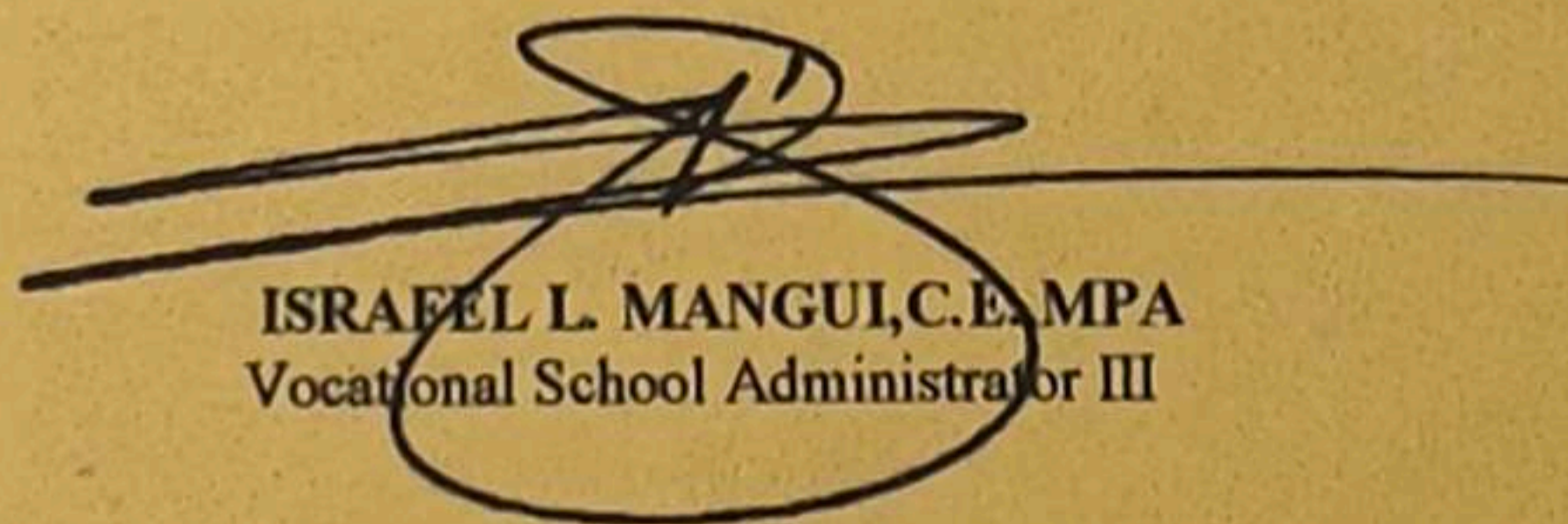
## **ANANE R. SEREÑINA**

for having successfully completed the

*Core Competency*

*Utilize Electronic Media*

Given this 30th day of June, 2021 at Simeon Suan Vocational and Technical College,  
Pag-asa, Bansud, Oriental Mindoro



ISRAEL L. MANGUI, C.E. MPA  
Vocational School Administrator III



Technical Education and Skills Development Authority  
Region IV-B MIMAROPA  
Simeon Suan Vocational and Technical College  
Pag-asa, Bansud, Oriental Mindoro  
Tel Fax No. (049) 258 70 97



This

# *Certificate of Achievement*

is awarded to

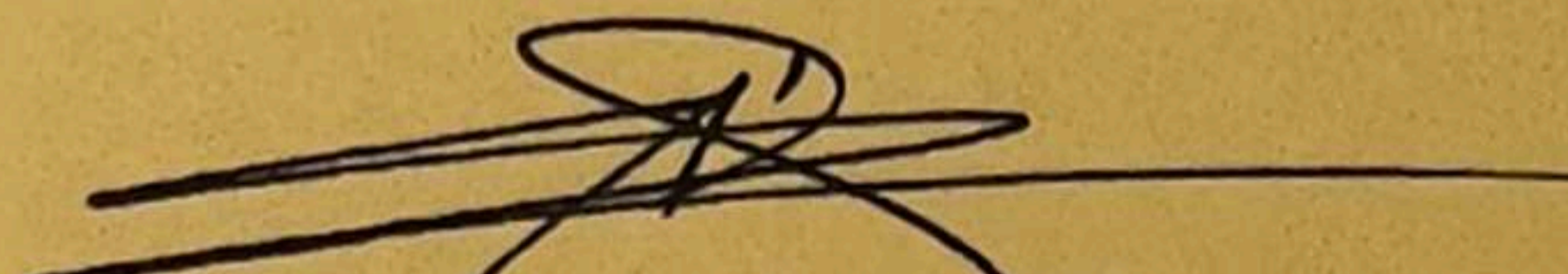
**ANANE R. SEREÑINA**

for having successfully completed the

***Core Competency***

***Maintain Training Facilities***

Given this 30th day of June, 2021 at Simeon Suan Vocational and Technical College,  
Pag-asa, Bansud, Oriental Mindoro



ISRAFEL L. MANGUI, C.E. MPA  
Vocational School Administrator III



Technical Education and Skills Development Authority  
Technical Education and Skills Development Authority  
MIMAROPA  
Simeon Suan Vocational and Technical College  
Pag-asa, Bansud, Oriental Mindoro  
Tel Fax No. (049) 258 70 97



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# *Certificate of Achievement*

is awarded to

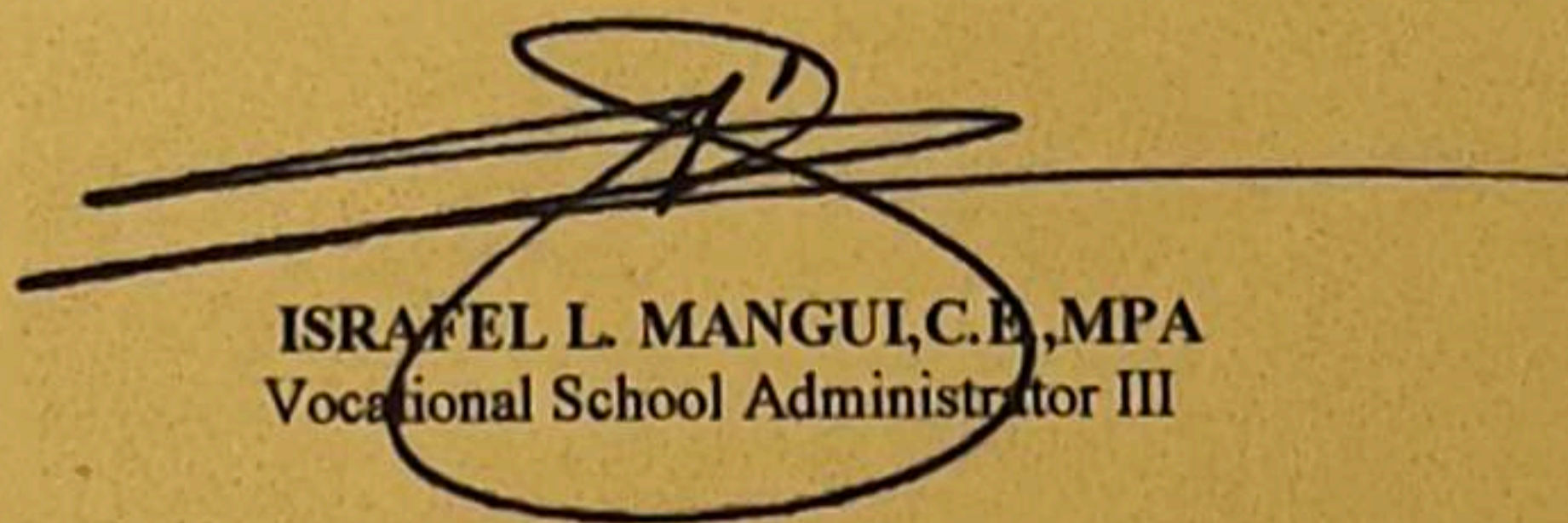
## **ANANE R. SEREÑINA**

for having successfully completed the

*Core Competency*

*Facilitate Learning Session*

Given this 30th day of June, 2021 at Simeon Suan Vocational and Technical College,  
Pag-asa, Bansud, Oriental Mindoro



ISRAFEL L. MANGUI, C.E., MPA  
Vocational School Administrator III



Technical Education and Skills Development Authority  
Technical Education and Skills Development Authority  
MIMAROPA  
Simeon Suan Vocational and Technical College  
Pag-asa, Bansud, Oriental Mindoro  
Tel Fax No. (049) 258 70 97



This

# *Certificate of Achievement*

is awarded to

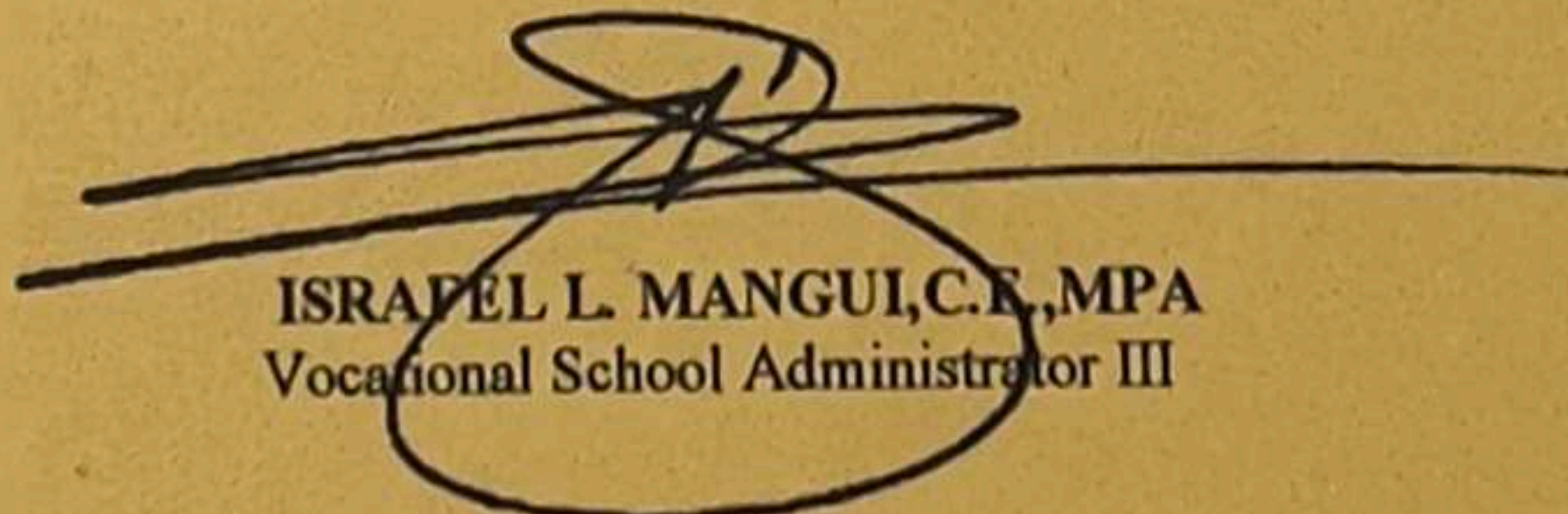
## **ANANE R. SEREÑINA**

for having successfully completed the

*Core Competency*

*Supervise Work Based Training*

Given this 30th day of June, 2021 at Simeon Suan Vocational and Technical College,  
Pag-asa, Bansud, Oriental Mindoro

  
ISRAEL L. MANGUI, C.E., MPA  
Vocational School Administrator III



Technical Education and Skills Development Authority  
Technical Education and Skills Development Authority  
MIMAROPA  
Simeon Suan Vocational and Technical College  
Pag-asa, Bansud, Oriental Mindoro  
Tel Fax No. (049) 258 70 97



This

# *Certificate of Achievement*

is awarded to

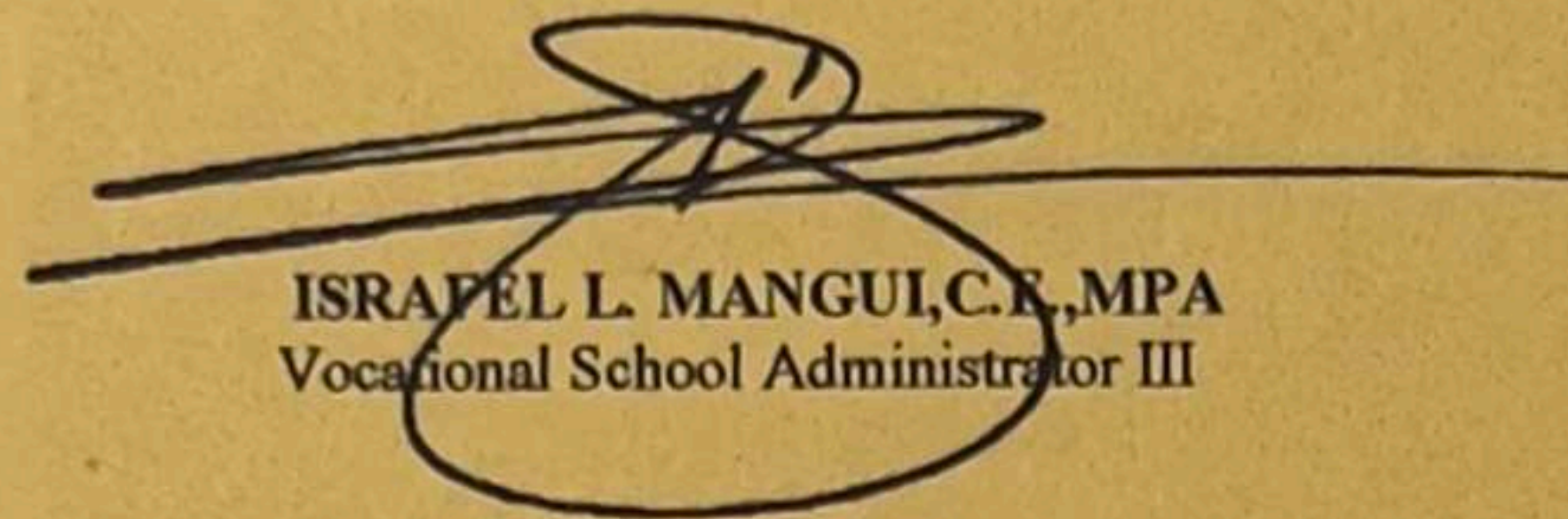
## **ANANE R. SEREÑINA**

for having successfully completed the

*Core Competency*

*Conduct Competency Assessment*

Given this 30th day of June, 2021 at Simeon Suan Vocational and Technical College,  
Pag-asa, Bansud, Oriental Mindoro



ISRAEL L. MANGUI, C.R., MPA  
Vocational School Administrator III



Mindoro State College of Agriculture and Technology  
Main Campus  
Alcate, Victoria, Oriental Mindoro

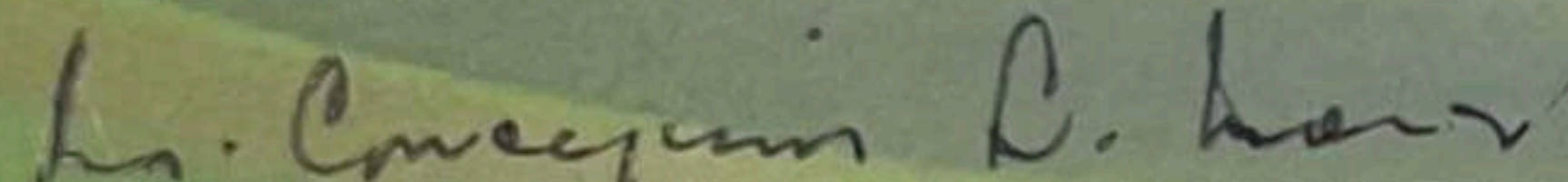
## CERTIFICATE OF COMPLETION

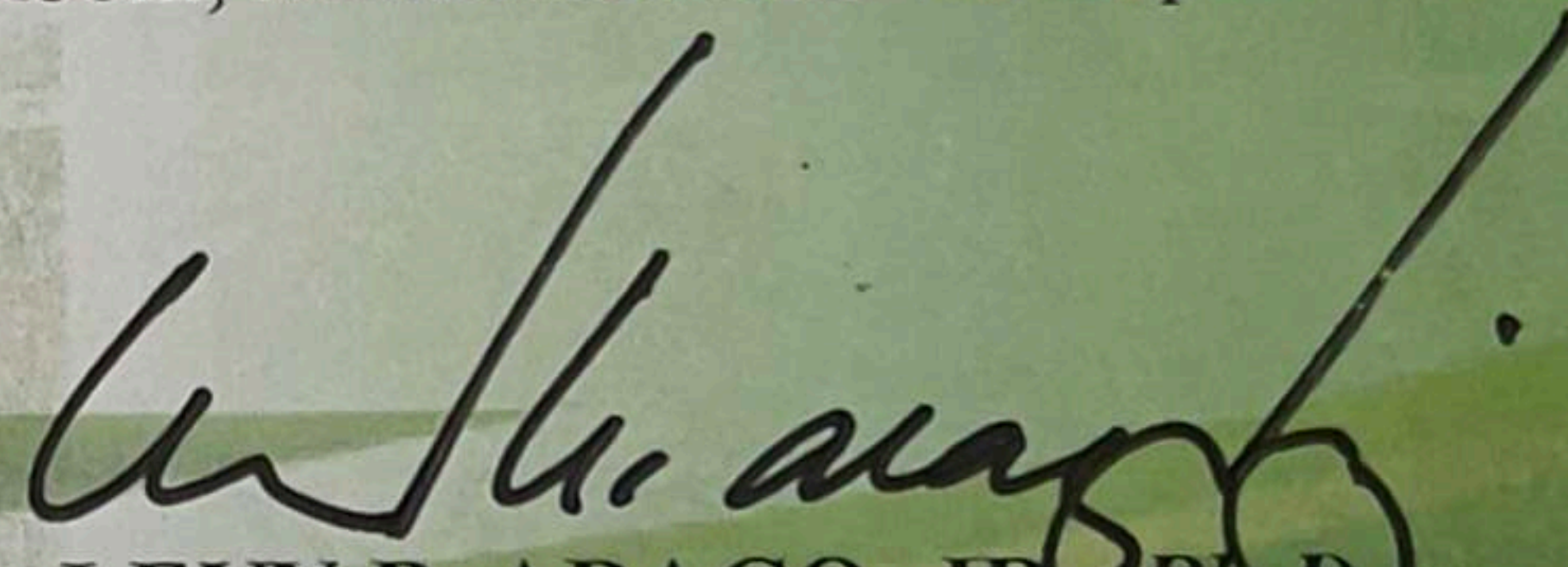
This is to certify that

**Anane R. Sereña**

has successfully completed the *Refresher Course on SPSS for Socio-Economic Analysis* from September 4 to 6, 2019 for the CHED-IDIG Project “*Strengthening the BS Agriculture Program of MinSCAT by Bridging the Gaps among Academe, Agricultural Community and Industry*”

Given this 6th day of September, 2019 at the Audio-Visual Room, MinSCAT Main Campus.

  
MA. CONCEPCION L. MORES, DEM  
VP for Research, Extension and Development

  
LEVY B. ARAGO, JR., Ph.D.  
SUC President II



Mindoro State College of Agriculture and Technology  
Main Campus  
Alcate, Victoria, Oriental Mindoro

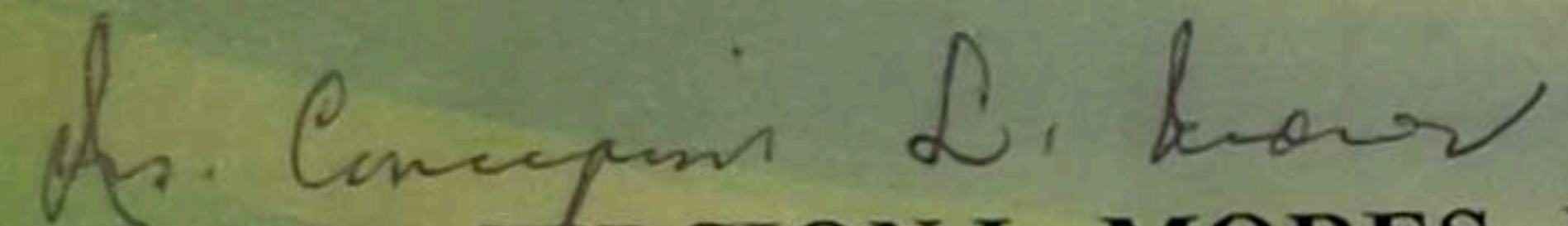
## CERTIFICATE OF COMPLETION

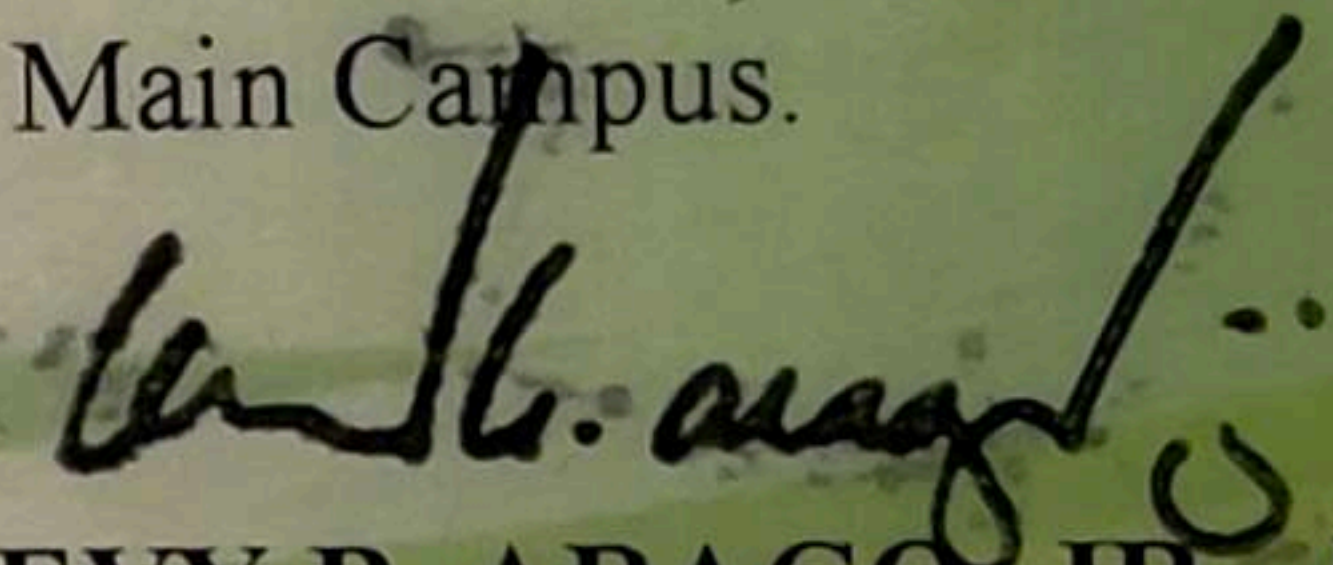
This is to certify that

**Anane R. Sereñina**

has successfully completed the  
*Training Series on Selected Quantitative Approaches to Project Impact Evaluation*  
for the CHED-IDIG Project “*Strengthening the BS Agriculture Program of MinSCAT by Bridging the Gaps among Academe, Agricultural Community and Industry,*”  
held at Audio-Visual Room, MinSCAT Main Campus from October 1 to 4, 2019.

Given this 4th day of October, 2019 at MinSCAT Main Campus.

  
**MA. CONCEPCION L. MORES, DEM**  
VP for Research, Extension and Development

  
**LEVY B. ARAGO, JR., Ph.D.**  
SUC President II

STATE UNIVERSITIES AND COLLEGES-ASSOCIATION OF COLLEGES OF AGRICULTURE  
IN THE PHILIPPINES, INC. (SUC-ACAP, INC.)

and  
VISAYAS STATE UNIVERSITY



*present this*

# CERTIFICATE OF APPRECIATION

to

**ANANE R. SEREÑINA**  
**SUZETTE B. LINA**

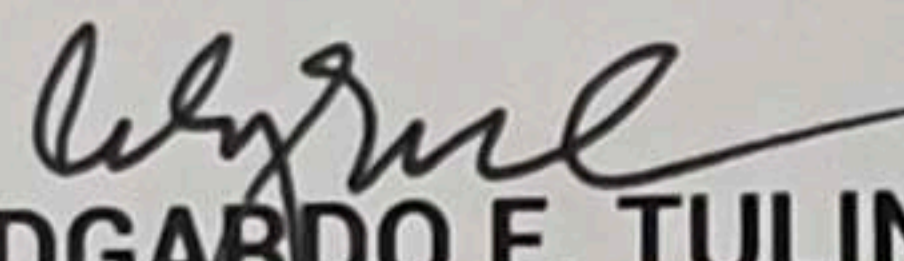
for having shared their time, expertise and presence as

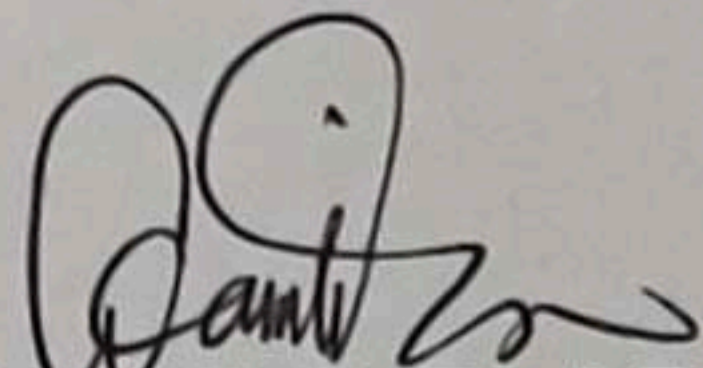
## **POSTER PRESENTERS**

entitled "CHANGES OF SOIL NITROGEN, PHOSPHORUS AND CARBON STOCKS  
IN A FORESTAL ECOSYSTEM AT DIFFERENT SUCCESSIONAL STAGES  
IN LEYTE, PHILIPPINES"

during the 2019 SUC-ACAP National Convention held on  
May 22-24, 2019 at the Visayas State University, Baybay City, Leyte.

Given this 23<sup>rd</sup> day of May 2019 at the Visayas State University, Baybay City, Leyte.

  
**EDGARDO E. TULIN**  
President, VSU

  
**DANILO P. ABAYON**  
President, SUC-ACAP, Inc.



**Society of Agricultural Educators in Region 8, Inc.**

awards this

# CERTIFICATE OF PARTICIPATION

to

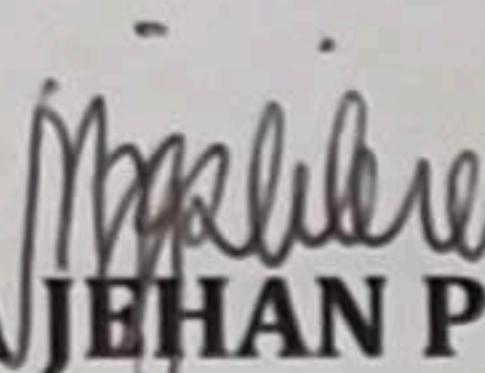
ANANE R. SEREÑINA

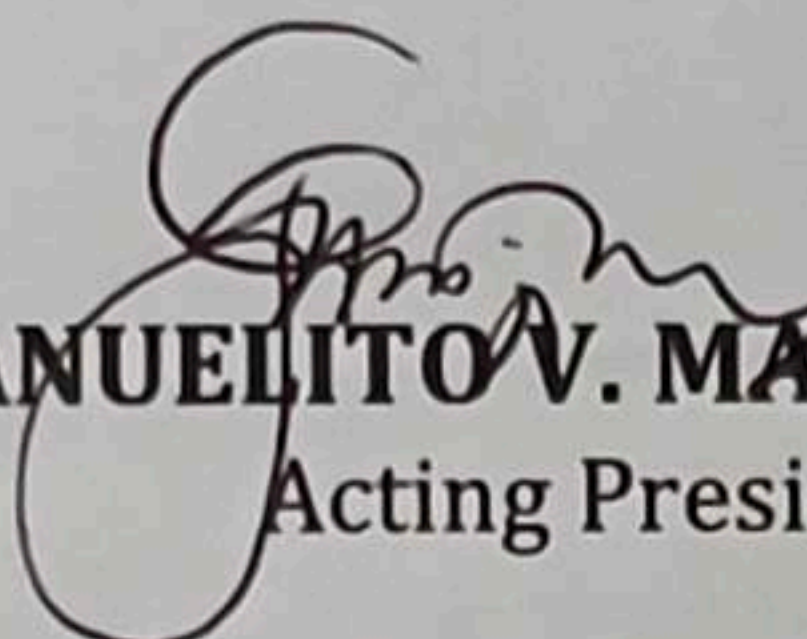
for actively participating in the

***“2<sup>nd</sup> Regional Conference of the  
Society of Agricultural Educators  
in Region 8, Inc. (SAER 8)”***

conducted on June 21, 2019 at the RDE Hall,  
VSU, Baybay City, Leyte

Given this 21<sup>st</sup> day of June 2019, Baybay City, Leyte

  
**MARIA JEHAN P. LIBRE**  
Secretary

  
**MANUELITO V. MANAGBANAG**  
Acting President



DEPARTMENT OF AGRICULTURE  
**SUGAR REGULATORY ADMINISTRATION**  
Araneta-Singcang Streets, Bacolod City, Negros Occidental



**SRA-OPSI**

**RESEARCH DEVELOPMENT & EXTENSION – LGAREC  
EXTENSION SERVICES DIVISION & TECHNOLOGY  
DEVELOPMENT & TRAINING UNIT**

*awards this*

# Certificate of Attendance

*to*

## ANANE R. SEREÑINA

for having attended and successfully completed the training on “*Sugarcane Farm Management*”  
of the **SRA-Outreach Program for Sugar Industry (OPSI)**  
from July 23-25, 2019.

Given this 25<sup>th</sup> day of July 2019 at SRA-LGAREC, La Granja, La Carlota City, Negros  
Occidental, Philippines.

**HELEN B. LOBATON**  
*OIC, Office of the Chief Agriculturist  
Extension Services Division-LGAREC*

**MA. LOURDES I. DORMIDO**  
*OIC, Office of the Chief Science Research  
Specialist – SRA LGAREC*

**ATTY. IGNACIO S. SANTILLANA**  
*OIC, Manager III, RD & E Visayas*



Republic of the Philippines  
TECHNICAL EDUCATION AND SKILLS DEVELOPMENT AUTHORITY

# NATIONAL CERTIFICATE II

in

## AGRICULTURAL CROPS PRODUCTION

is awarded to

**ANANE R. SEREÑINA**

for having completed the competency requirements under the Philippine TVET Competency Assessment and Certification System in the following units of competency:

CODE NO.  
500311105  
500311104  
500311107  
500311108

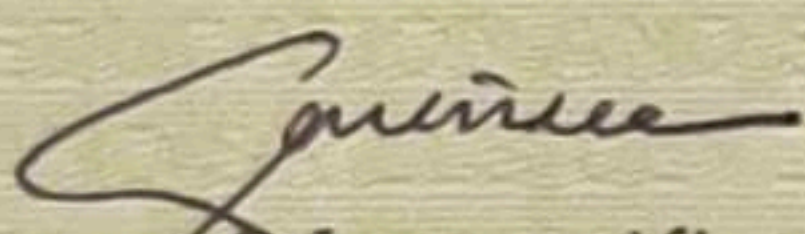
**BASIC COMPETENCIES**  
Participate in workplace communication  
Work in a team environment  
Practice career professionalism  
Practice occupational health and safety procedures

CODE NO.  
AFF321201  
AFF321202  
AFF321203  
AFF321206  
SOC 413206

**COMMON COMPETENCIES**  
Apply safety measures in farm operations  
Use farm tools and equipment  
Perform estimation and calculations  
Process farm wastes  
Perform record keeping

CODE NO.  
AFF 610301  
AFF 610302  
AFF 610303  
AFF 610304

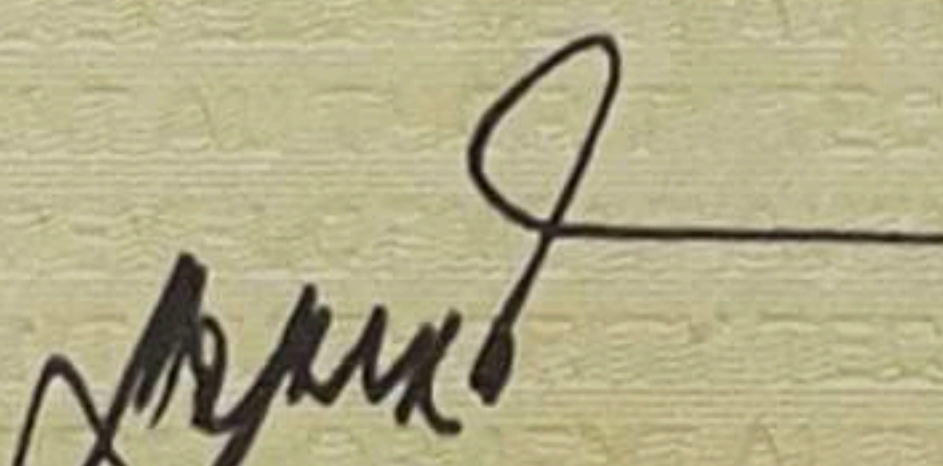
**CORE COMPETENCIES**  
Perform nursery operations  
Plant crops  
Care and maintain crops  
Carry-out harvest and postharvest operations

  
Signature of the certificate holder  
Certificate No. **20175202004707**  
ULI: **SAR-96-005-07022-001**

Issued on : **October 18, 2020**  
Valid until: **October 17, 2025**



CLN-NQ- 5450045

  
**SEC. ISIDRO S. LAPEÑA, PhD., CSEE**  
Director General





Republic of the Philippines  
Department of Science and Technology  
**PHILIPPINE NUCLEAR RESEARCH INSTITUTE**  
Commonwealth Avenue, Diliman, Quezon City

*presents this*

# **CERTIFICATE OF ATTENDANCE**

*to*

**ANANE R. SEREÑINA**

*for having attended the ARD Lecture Series webinar entitled*  
***Radiation Epigenetics in Plant Mutation Breeding (Phase 1: Bioinformatics)***  
*held on the 25th day of August 2022 at*  
***Philippine Nuclear Research Institute, Commonwealth Avenue, Diliman, Quezon City***

  
**GLEND A. OBRA**

Chairman, ARD Lecture Series

  
**LUCILLE V. ABAD, Ph.D.**

Chief, Atomic Research Division



Republic of the Philippines  
Department of Science and Technology  
**PHILIPPINE NUCLEAR RESEARCH INSTITUTE**  
Commonwealth Avenue, Diliman, Quezon City

*presents this*

# **CERTIFICATE OF ATTENDANCE**

*to*

**ANANE R. SEREÑINA**

*for having attended the ARD Lecture Series webinar entitled*  
***Plant Mutation Breeding Research and Applications***

*held on the 6th day of October 2022 at the*  
***Philippine Nuclear Research Institute, Commonwealth Avenue, Diliman, Quezon City***



**GLEND A. OBRA**  
Chairman, ARD Lecture Series



**LUCILLE V. ABAD, Ph.D.**  
Chief, Atomic Research Division



Republic of the Philippines  
Department of Science and Technology  
**PHILIPPINE NUCLEAR RESEARCH INSTITUTE**  
Commonwealth Avenue, Diliman, Quezon City

*presents this*

# **CERTIFICATE OF ATTENDANCE**

*to*

**ANANE R. SEREÑINA**

*for having attended the ARD Lecture Series webinar entitled*  
***Recent Trends and Developments in Neutron Measurements and Dosimetry***  
*held on the 13th day of October 2022 at the*  
***Philippine Nuclear Research Institute, Commonwealth Avenue, Diliman, Quezon City***

  
**GLEND A. OBRA**

Chairman, ARD Lecture Series

  
**LUCILLE V. ABAD, Ph.D.**

Chief, Atomic Research Division



**COLLEGE OF AGRICULTURE AND FOOD SCIENCE**  
**University of the Philippines Los Baños**  
**College, Laguna, Philippines**



**CERTIFICATE OF PARTICIPATION**

is given to

**Anane R. Sereñina**

as **WRITER/CONTRIBUTOR** for Soil Science module under the joint  
College of Agriculture and Food Science, UP Los Baños and  
State Universities and Colleges- Association of Colleges of Agriculture in the Philippines project on  
**Enhancing Capability of Faculty Reviewers in The Licensure Examination for Agriculturists Project.**

Given this 17<sup>th</sup> day of November 2021 at the College of Agriculture and Food Science,  
University of the Philippines Los Baños, College, Laguna Philippines.

  
**JOSE Y. CAMACHO, JR.**  
Chancellor, UPLB

  
**EDGARDO E. TULIN**  
President, SUC-ACAP



Kagawaran ng Agham at Teknolohiya  
**Pambansang Sanggunian sa Pananaliksik ng Pilipinas**  
National Research Council of the Philippines (NRCP)



# KATIBAYAN NG PARTISIPASYON


Ipinagkaloob kay

**Anane Regalado Sereñina**

para sa kanyang partisipasyon sa isinagawang virtual **NRCP Regional Basic Research Caravan** na may temang *Nurturing Regional R&D Niches*, sa paggunita ng ika-85 anibersaryo ng NRCP.

Ipinagkaloob ngayong ika-17 ng Nobyembre, 2020.

  
**MARIETA BAÑEZ SUMAGAYSAY, Ph.D.**  
*Direktor Tagapagpaganap ng NRCP*

  
**GREGORIO E.H DEL PILAR, Ph.D.**  
*Pangulo ng NRCP*

*Sa pakikipagtulungan ng*  
**Department of Science and Technology Region IV-B**



Republic of the Philippines  
Department of Science and Technology  
**PHILIPPINE NUCLEAR RESEARCH INSTITUTE**  
Commonwealth Avenue, Diliman, Quezon City

*presents this*

# **CERTIFICATE OF ATTENDANCE**

*to*

**ANANE R. SEREÑINA**

*for having attended the ARD Lecture Series webinar entitled*

***"Data Evaluation and Statistical Analysis  
(Inferential) using SPSS v.22"***

*held on the 16th day of February 2022 at*

***Philippine Nuclear Research Institute, Commonwealth Avenue, Diliman, Quezon City***

  
**GLEND A. OBRA**

Chairman, ARD Lecture Series

  
**LUCILLE V. ABAD, Ph.D.**

Chief, Atomic Research Division



Republic of the Philippines  
Department of Science and Technology  
**PHILIPPINE NUCLEAR RESEARCH INSTITUTE**  
Commonwealth Avenue, Diliman, Quezon City

*presents this*

# **CERTIFICATE OF ATTENDANCE**

*to*

**ANANE R. SEREÑINA**

*for having attended the ARD Lecture Series webinar entitled*  
***"Assessment of Radon Levels in Geothermal and*  
***Drinking Waters in the Philippines"***  
*held on the 11th day of November 2021 at the*  
***Philippine Nuclear Research Institute, Commonwealth Avenue, Diliman, Quezon City*****

  
**GLEND A. OBRA**

Chairman, ARD Lecture Series

  
**LUCILLE V. ABAD, Ph.D.**

Chief, Atomic Research Division



Republic of the Philippines  
Department of Science and Technology  
**PHILIPPINE NUCLEAR RESEARCH INSTITUTE**  
Commonwealth Avenue, Diliman, Quezon City

*presents this*

# **CERTIFICATE OF ATTENDANCE**

*to*

**ANANE R. SEREÑINA**

*for having attended the ARD Lecture Series webinar entitled  
"Controlled Lipid  $\beta$ -Oxidation and Carnitine Biosynthesis  
by a Vitamin D Metabolite"*

*held on the 6<sup>th</sup> day of October 2021 at  
Philippine Nuclear Research Institute, Commonwealth Avenue, Diliman, Quezon City*

  
**GLEND A. OBRA**

Chairman, ARD Lecture Series

  
**NEIL RAYMUND D. GUILLERMO**  
OIC, Atomic Research Division



**Department of Soil Science**  
College of Agriculture and Food Science  
Visayas State University  
Visca, Baybay City, Leyte



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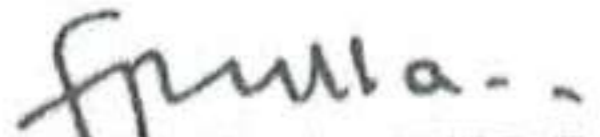
## *Certificate of Participation*

is hereby presented to

**ANANE R. SEREÑINA**

for participating in the Seminar on “ **Chemical Safety in the Laboratory**” held on October 28, 2016 at Room 119, Department of Soil Science, College of Agriculture and Food Science, Visayas State University, Visca Baybay City, Leyte.

Given this 28<sup>th</sup> day of October 2016 at the Department of Soil Science.

  
**FAUSTINO P. VILLAMAYOR**

S RTPAL In- charge

  
**SUZETTE B. LINA**

Head, DSS

  
**VICTOR B. ASIO**

Dean, CAFS



ASIAN ASSOCIATION OF AGRICULTURAL COLLEGES AND UNIVERSITIES  
*and*  
VISAYAS STATE UNIVERSITY

*present this*

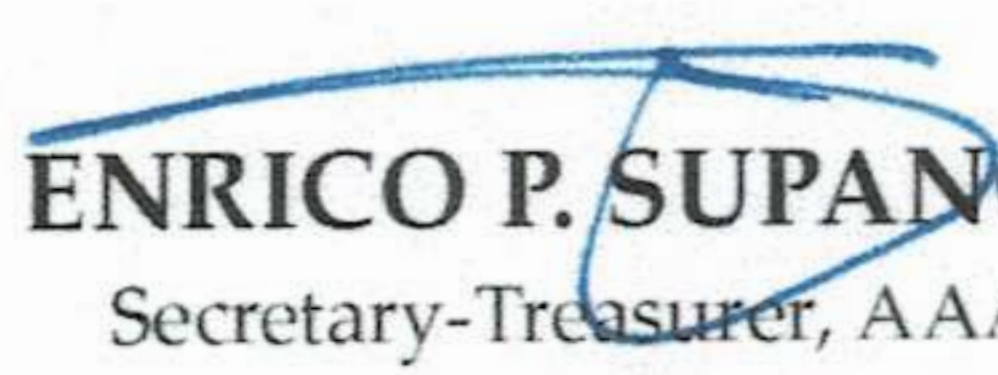
# CERTIFICATE OF PARTICIPATION

*to*


ANANE REGALDO SEREÑINA

for actively participating in the AAACU 22<sup>nd</sup> Biennial Conference  
and General Assembly on October 16-18, 2018 at the  
Visayas State University, Baybay City, Leyte, Philippines.

Given this 18<sup>th</sup> day of October 2018 at the RDE Hall, VSU,  
Baybay City, Leyte, Philippines

  
**ENRICO P. SUPANGCO**

Secretary-Treasurer, AAACU  
Dean, CAFS, UPLB

  
**EDGARDO E. TULIN**  
University President, VSU  
President, AAACU



The Department of Science and Technology  
Science Education Institute  
and  
The Accelerated Science and Technology  
Human Resource Development Program  
National Science Consortium



present this

## CERTIFICATE OF ATTENDANCE

to

**Anane R. Sereñina**

for attending the

**ASTHRDP  
GRADUATE SCHOLARS  
CONFERENCE**

*Year 8*

held on May 2-3, 2019

at the Philippine International Convention Center, Pasay City, Metro Manila

Given this 3rd day of May 2019

*Jose T. Biyo*

**JOSETTE T. BIYO, Ph.D**  
Director  
Science Education Institute

*Fabian M. Dayrit*

**FABIAN M. DAYRIT, Ph.D**  
Chairman  
ASTHRDP-NSC Steering Council

Level Up  
to Level All:  
Science as Platform  
for Industry



The Department of Science and Technology  
Science Education Institute  
and  
The Accelerated Science and Technology  
Human Resource Development Program  
National Science Consortium



present this

## CERTIFICATE OF PARTICIPATION

to

**ANANE R. SEREÑINA**

as Poster Presenter of the research paper entitled

"CHANGES OF SOIL NITROGEN, PHOSPHORUS AND CARBON STOCKS IN A FOREST  
ECOSYSTEM AT DIFFERENT SUCCESSIONAL STAGES IN LEYTE, PHILIPPINES"

at the

**ASTHRDP  
GRADUATE SCHOLARS  
CONFERENCE**

*Year 8*

held on May 2-3, 2019

at the Philippine International Convention Center, Pasay City, Metro Manila

Given this 3rd day of May 2019

*Jose T. Biyo*

**JOSETTE T. BIYO, Ph.D**  
Director  
Science Education Institute

*Fabian M. Dayrit*

**FABIAN M. DAYRIT, Ph.D**  
Chairman  
ASTHRDP-NSC Steering Council

Level Up  
to Level All:  
Science as Platform  
for Industry

