



**CITY COLLEGE OF EL SALVADOR**  
El Salvador City, Misamis Oriental



**Certificate of Participation**  
is awarded to

**ALLAN N. CANO, MS**

for attending the City College El Salvador Series 2 Faculty Development Program on  
***Classroom Management in the 21st Century Learning System***  
held via Google Meet.

Given this 13th day of March 2024.

**JORHEN KRIS A. BALABAT, RSW**  
Faculty Association President

**ADRIANNE M. CLEMEN, DPhil. Ed. ELT**  
Vice President for Academic Affairs

**LYLLAN GAY D. MAGDALE, PhD, LPT**  
OIC - College President





ANNUAL  
CONVENTION

**THE MATHEMATICAL SOCIETY OF THE PHILIPPINES**

awards this

**CERTIFICATE OF PARTICIPATION**

to

**Allan N. Cano**

for participating in the 2023 MSP Annual Convention  
held on June 1-4, 2023 at Ateneo de Manila University.

**Jose Ernie C. Lope**  
Convention Chair





# CERTIFICATE of PARTICIPATION

*This certificate is awarded to*

**ALLAN N. CANO**

*for his/her attendance in the*

**2020 MINDANAWAN MATH-STAT INTERNATIONAL WEBCON**

**on November 4, 11, and 18, 2020 via Zoom and Facebook Live.**

A stylized black ink signature of Randy L. Caga-anan.

**Randy L. Caga-anan, PhD**

Chairperson

Department of Mathematics and Statistics  
MSU – Iligan Institute of Technology

A stylized black ink signature of Cherry Mae R. Balingit.

**Cherry Mae R. Balingit, PhD**

Chairperson

Department of Mathematics  
Central Mindanao University

A stylized black ink signature of Julius V. Benitez.

**Julius V. Benitez, PhD**

President

Mathematical Society of the Philippines  
Regions 10, 12, and ARMM

A stylized black ink signature of Daisy Lou Lim-Polestico.

**Daisy Lou Lim-Polestico, PhD**

Board Member

Southern Philippines Society of  
Theoretical and Applied Statistics





# CERTIFICATE OF PARTICIPATION

This certificate is presented to

**Allan N. Cano**

for participating in the

**2022 MSP Annual Convention**

an event held online on May 21, 28, and June 4, 2022.

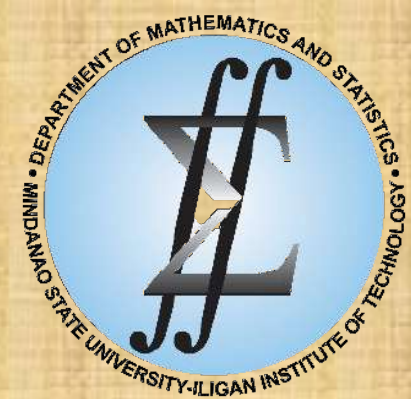
  
**Editha Jose**  
Convention Co-Chair

  
**Angelyn Lao**  
Convention Chair



# **MSU-Iligan Institute of Technology**

## **Department of Mathematics and Statistics**



**awards this**

# **CERTIFICATE OF PARTICIPATION**

**to**

**Allan N. Cano**

**for his/her participation in the MSU-IIT Seminar in Algebra with the topic**  
**“Leavitt Path Algebras and their Generalizations: Where Dynamics, Algebra,**  
**Analysis and Combinatorics Meet”**

**held online. Given this 20th day of April, 2022.**

  
**Randy L. Caga-anan, PhD**  
**Department Chairperson**

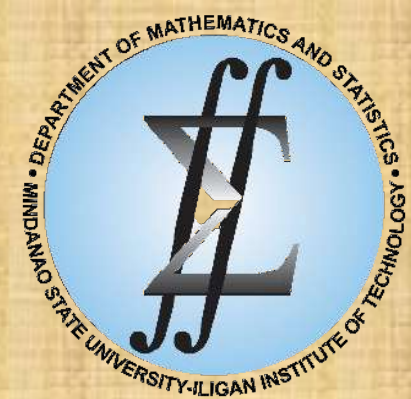
  
**Jocelyn P. Vilela, PhD**  
**Organizing Committee Chair**





# **MSU-Iligan Institute of Technology**

## **Department of Mathematics and Statistics**



**awards this**

# **CERTIFICATE OF PARTICIPATION**

**to**

**Allan N. Cano**

**for his/her participation in the MSU-IIT Seminar in Algebra with the topic**

**“Certain Classes of Injective Rings”**

**held online. Given this 31st day of August, 2022.**

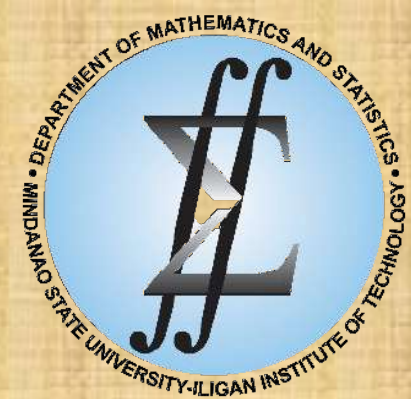
  
**Mhelmar A. Labendia, PhD**  
**Department Chairperson**

  
**Jocelyn P. Vilela, PhD**  
**Organizing Committee Chair**



# **MSU-Iligan Institute of Technology**

## **Department of Mathematics and Statistics**



**awards this**

# **CERTIFICATE OF PARTICIPATION**

**to**

**Allan N. Cano**

**For his/her participation in the MSU-IIT Seminar in Algebra with the topic**  
**"Invariant Differential Operators and Noether's Theorem"**  
**held online. Given this 25<sup>th</sup> day of August, 2021.**

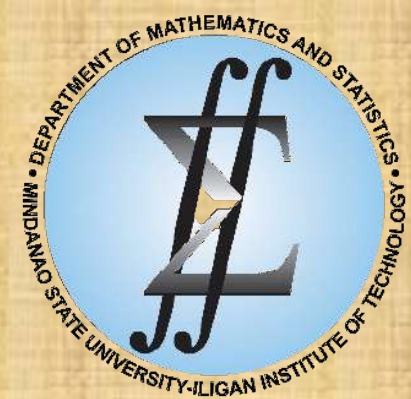
  
**Randy L. Caga-anan, PhD**  
**Department Chairperson**

  
**Jocelyn P. Vilela, PhD**  
**Organizing Committee Chair**



# **MSU-Iligan Institute of Technology**

## **Department of Mathematics and Statistics**



**awards this**

# **CERTIFICATE OF PARTICIPATION**

**to**

**Allan N. Cano**

**for his/her participation in the MSU-IIT Seminar in Algebra with the topic**

**“Invariant Ideals in Leavitt Path Algebras”**

**held online. Given this 23rd day of February, 2022.**

  
**Randy L. Caga-anan, PhD**  
**Department Chairperson**

  
**Jocelyn P. Vilela, PhD**  
**Organizing Committee Chair**





# **MSU-Iligan Institute of Technology**

## **Department of Mathematics and Statistics**



**awards this**

# **CERTIFICATE OF PARTICIPATION**

**to**

**Allan N. Cano**

**for his/her participation in the MSU-IIT Seminar in Algebra with the topic**

**"From Yangians to XXX Spin Chains"**

**held online. Given this 19th day of January, 2022.**

  
**Randy L. Caga-anan, PhD**  
**Department Chairperson**

  
**Jocelyn P. Vilela, PhD**  
**Organizing Committee Chair**





# **MSU-Iligan Institute of Technology**

## **Department of Mathematics and Statistics**



**awards this**

# **CERTIFICATE OF PARTICIPATION**

**to**

**Allan N. Cano**

**for his/her participation in the MSU-IIT Seminar in Algebra with the topic**

**“Non-Commutative Categorical Resolutions of Singularities”**

**held online. Given this 20th day of July, 2022.**

  
**Mhelmar A. Labendia, PhD**  
**Department Chairperson**

  
**Jocelyn P. Vilela, PhD**  
**Organizing Committee Chair**





# **MSU-Iligan Institute of Technology**

## **Department of Mathematics and Statistics**



**awards this**

# **CERTIFICATE OF PARTICIPATION**

**to**

**Allan N. Cano**

**for his/her participation in the MSU-IIT Seminar in Algebra with the topic**

**“Fermat Primes and the Lemniscate Curve”**

**held online. Given this 22nd day of June, 2022.**

  
**Randy L. Caga-anan, PhD**  
**Department Chairperson**

  
**Jocelyn P. Vilela, PhD**  
**Organizing Committee Chair**





# **MSU-Iligan Institute of Technology**

## **Department of Mathematics and Statistics**



**awards this**

# **CERTIFICATE OF PARTICIPATION**

**to**

**Allan N. Cano**

**for his/her participation in the MSU-IIT Seminar in Algebra with the topic**

**“Digit Systems over Formal Laurent Series”**

**held online. Given this 23rd day of March, 2022.**

  
**Randy L. Caga-anan, PhD**  
**Department Chairperson**

  
**Jocelyn P. Vilela, PhD**  
**Organizing Committee Chair**





# **MSU-Iligan Institute of Technology**

## **Department of Mathematics and Statistics**



**awards this**

# **CERTIFICATE OF PARTICIPATION**

**to**

**Allan N. Cano**

**for his/her participation in the MSU-IIT Seminar in Algebra with the topic**

**“Poisson and Lie Algebraic Aspects of Dynamical Systems”**

**held online. Given this 25th day of May, 2022.**

  
**Randy L. Caga-anan, PhD**  
**Department Chairperson**

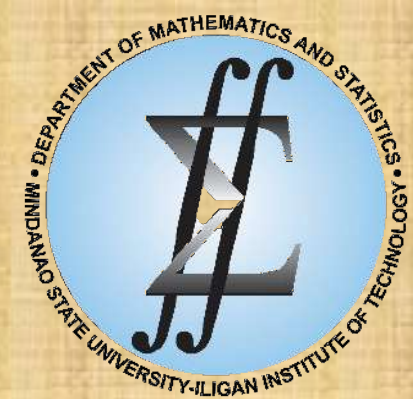
  
**Jocelyn P. Vilela, PhD**  
**Organizing Committee Chair**





# **MSU-Iligan Institute of Technology**

## **Department of Mathematics and Statistics**



**awards this**

# **CERTIFICATE OF PARTICIPATION**

**to**

**Allan N. Cano**

**for his/her participation in the MSU-IIT Seminar in Algebra with the topic**

**"Galois Points and Related Topics"**

**held online. Given this 30th day of November, 2021.**

  
**Randy L. Caga-anan, PhD**  
**Department Chairperson**

  
**Jocelyn P. Vilela, PhD**  
**Organizing Committee Chair**



**MSU-Iligan Institute of Technology**  
**Department of Mathematics and Statistics**

**awards this**

**CERTIFICATE OF PARTICIPATION**

**to**

**Allan N. Cano**

**for his/her participation in the MSU-IIT Seminar in Algebra with the topic**  
**“An Introduction to p-modular Langlands Correspondences”**  
**held online. Given this 9th day of November, 2022.**

  
**Mhelmar A. Labendia, PhD**  
**Department Chairperson**

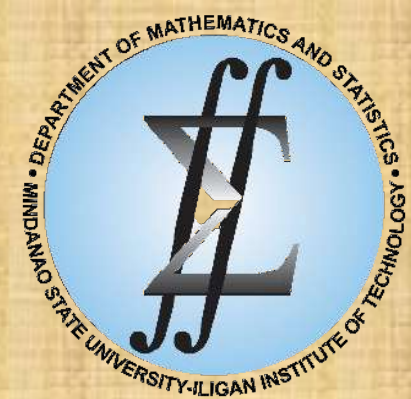
  
**Jocelyn P. Vilela, PhD**  
**Organizing Committee Chair**





# **MSU-Iligan Institute of Technology**

## **Department of Mathematics and Statistics**



**awards this**

# **CERTIFICATE OF PARTICIPATION**

**to**

**Allan N. Cano**

**For his/her participation in the MSU-IIT Seminar in Algebra with the topic**

**"Groupoids Rings and Algebras"**

**held online. Given this 27th day of October, 2021.**

  
**Randy L. Caga-anan, PhD**  
**Department Chairperson**

  
**Jocelyn P. Vilela, PhD**  
**Organizing Committee Chair**





# **MSU-Iligan Institute of Technology**

## **Department of Mathematics and Statistics**



**awards this**

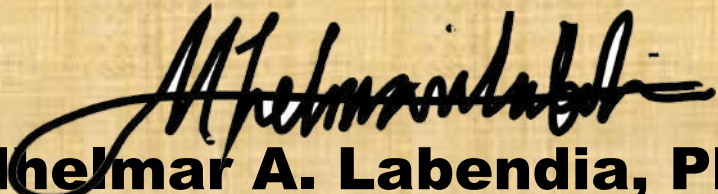
# **CERTIFICATE OF PARTICIPATION**

**to**

**Allan N. Cano**

**for his/her participation in the MSU-IIT Seminar in Algebra with the topic**  
**“Mass Formula and Classification of Self-Orthogonal Codes**  
**over a Finite Ring”**

**held online. Given this 3rd day of October, 2022.**

  
**Mhelmar A. Labendia, PhD**  
**Department Chairperson**

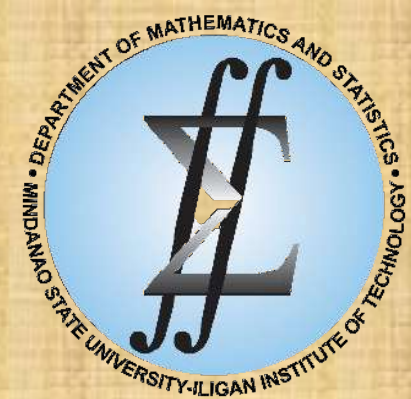
  
**Jocelyn P. Vilela, PhD**  
**Organizing Committee Chair**





# **MSU-Iligan Institute of Technology**

## **Department of Mathematics and Statistics**



**awards this**

# **CERTIFICATE OF PARTICIPATION**

**to**

**Allan N. Cano**

**For his/her participation in the MSU-IIT Seminar in Algebra with the topic**

**"Graph algebras, their grading, and the Graded Classification Conjecture"**

**held online. Given this 22nd day of September, 2021.**

  
**Randy L. Caga-anan, PhD**  
**Department Chairperson**

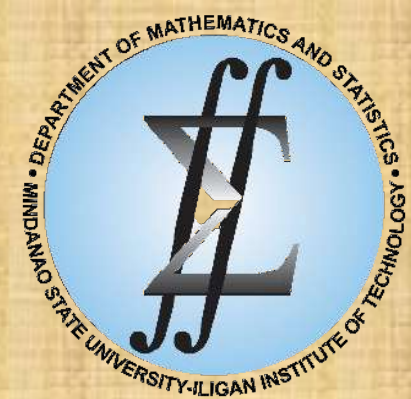
  
**Jocelyn P. Vilela, PhD**  
**Organizing Committee Chair**





# **MSU-Iligan Institute of Technology**

## **Department of Mathematics and Statistics**



**awards this**

# **CERTIFICATE OF PARTICIPATION**

**to**

**Allan N. Cano**

**For his/her participation in the MSU-IIT Seminar in Algebra with the topic**

**"Introduction to Leavitt Path Algebras"**

**held online on September 20-21, 2021. Given this 21st  
day of September, 2021.**

  
**Randy L. Caga-anan, PhD**  
**Department Chairperson**

  
**Jocelyn P. Vilela, PhD**  
**Organizing Committee Chair**





**The MATHEMATICAL SOCIETY of the PHILIPPINES**

Regions 10, 12 and BARMM

*in cooperation with*

**Mindanao State University-Iligan Institute of Technology  
and Premier Research Institute of Science and Mathematics**

*presents this*

# **CERTIFICATE OF PARTICIPATION**

*to*


**ALLAN N. CANO**  
MSU - Iligan Institute of Technology

for actively participating in the

***16th Annual Convention***  
*in honor of Prof. Dr. Julius V. Benitez*

held on 27-28 October 2022 at PRISM, MSU-IIT, Iligan City and via ZOOM.

Given this 28<sup>th</sup> day of October 2022.

  
**CHERRY MAE R. BALANGIT, Ph.D.**  
President, MSP-10, 12, & BARMM

  
**FELIPE R. SUMALPONG, JR., Ph.D.**  
Convention Chair





**MATHEMATICAL SOCIETY of the PHILIPPINES**

Regions 10, 12 and BARMM

*in cooperation with*

**CENTRAL MINDANAO UNIVERSITY**

*presents this*

# **CERTIFICATE OF PARTICIPATION**


*to*

**Allan N. Cano**

for having actively participated in its

**15th Annual Convention  
and 1st Virtual Conference**

held online. Given this 30th day of October 2021.

  
**JULIUS V. BENITEZ, Ph.D.**  
President, MSP-10, 12 & BARMM

  
**CHERRY MAE R. BALINGIT, Ph.D.**  
Convention Chair