

**For President Doracie B. Zoleta-Nantes, PhD**

For signature

For comments

For approval

For information

For endorsement

For inputs

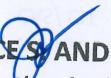
Date: May 29, 2023

Subject: 12th Student Research Congress

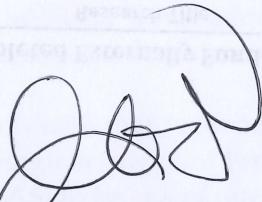
Remarks: Hello ma'am,

MSEUF is inviting Dr. Maaliw  
and Prof. Cabrera to be one of  
their judges in the said event.

This can be sent to Dr. Maaliw and  
Prof. Cabrera upon approval.

  
**JOYCE S. ANDRADE**

Executive Assistant for Administration

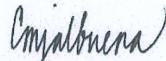
  
**DORACIE B. ZOLETA-NANTES, PhD**

University President

They would be asked to identify the best research presentation, categorized on the merit of their domain expertise and the student's general presentation skills. We hope you will find value in helping us foster a culture of discovery and participating in this celebration of student innovation and excellence.

You may contact The Secretariat c/o Prof. Jalbuena at 09159505964 or email her at [jalbuenamacecilia@mseuf.edu.ph](mailto:jalbuenamacecilia@mseuf.edu.ph). We earnestly hope for your positive and warm response on this matter.

Sincerely,



**PROF. MARIA CECILIA M. JALBUENA**  
Adviser, The MSEUF Research Club

Noted by:

  
**DR. FELIXBERTO M. MERCADO**  
Dean, Dr. Cesar A. Villariba Research  
Knowledge Management Institute

  
**Southern Luzon State University**  
Office of the President  
**Received**

Date: May 29, 2023

Time: 1:15 PM

Received by: Lhariz

Excellence and innovative undergraduate  
**A. Villariba Research and Knowledge**  
I hold the 12th Student Research Congress  
am to 5:00 pm.

nature event on campus for undergraduate  
aduate research and creative inquiry at the  
ring aims to showcase students' research  
the university.

invite Dr. Renato Maaliw III (Dean,  
Cabrera (Assistant Professor II, Psychology  
in the said event.

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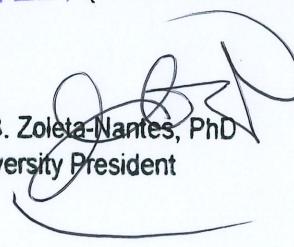
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merit of their domain expertise and the student's general presentation skills. We

hope you will find value in helping us foster a culture of discovery and

participating in this celebration of student innovation and excellence.

~~APPROVED / DISAPPROVED~~

  
**Doracie B. Zoleta-Nantes, PhD**  
University President





2021/2022

Southern Luzon State University  
Office of the President  
**Received**

Date : May 29, 2023

Time : 1:15 PM

Received By : Lhariz

25 May 2023

Dr. Doracie B. Zoleta-Nantes  
University President  
Southern Luzon State University  
Lucban, Quezon

Dear Dr. Nantes,

Greetings!

As part of our commitment to promote excellence and innovative undergraduate research across disciplines, the **Dr. Cesar A. Villariba Research and Knowledge Management Institute (DCAVRKMI)** will hold the **12<sup>th</sup> Student Research Congress** on **June 06, 2023**, Tuesday via Zoom, 8:00 am to 5:00 pm.

The Student Research Congress is the signature event on campus for undergraduate research, showcasing the best of undergraduate research and creative inquiry at the MSEUF. In addition, this academic gathering aims to showcase students' research according to the standards prescribed by the university.

In connection with this, we would like to invite **Dr. Renato Maaliw III** (Dean, College of Engineering) and **Prof. Gino Cabrera** (Assistant Professor II, Psychology Program, CAS) to be one of our judges in the said event.

Students will be given awards in a variety of disciplinary categories. As a judge, they would be asked to identify the best research presentation, categorized on the merit of their domain expertise and the student's general presentation skills. We hope you will find value in helping us foster a culture of discovery and participating in this celebration of student innovation and excellence.

You may contact The Secretariat c/o Prof. Jalbuena at 09159505964 or email her at [jalbuenamacecilia@mseuf.edu.ph](mailto:jalbuenamacecilia@mseuf.edu.ph). We earnestly hope for your positive and warm response on this matter.

Sincerely,

**PROF. MARIA CECILIA M. JALBUENA**  
Adviser, The MSEUF Research Club

~~APPROVED / DISAPPROVED~~

Doracie B. Zoleta-Nantes, PhD  
University President

Noted by:

**DR. FELIXBERTO M. MERCADO**  
Dean, Dr. Cesar A. Villariba Research  
Knowledge Management Institute





DR. CESAR A. VILLARIBA RESEARCH & KNOWLEDGE MANAGEMENT INSTITUTE  
**MANUEL S. ENVERGA UNIVERSITY FOUNDATION**  
AN AUTONOMOUS UNIVERSITY | LUCENA CITY

# CERTIFICATE OF APPRECIATION

IS AWARDED TO

**DR. RENATO R. MAALIW, III**

Judge in the MSEUF Research and Innovation Day 2023

(13<sup>th</sup> Student Research Congress) with the theme

*"Research Practices and Innovations in D-VUCAD (Disruption–Volatility, Uncertainty, Complexity, Ambiguity, and Diversity) World".*

06 JUNE 2023

via zoom

**FELIXBERTO M. MERCADO, PhD**  
Dean, DCAV Research and Knowledge Management Institute

**BENILDA N. VILLENAS, PhD**  
VP for Academics and Research  
Senior Vice President

**NAILA E. LEVERIZA, MBA**  
University President / COO

Day 1: 13<sup>th</sup> Student Research Congress  
Day 2: Research Colloquium series 28



DR. CESAR A. VILLARIBA RESEARCH AND KNOWLEDGE MANAGEMENT INSTITUTE  
MANUEL S. ENVERGA UNIVERSITY FOUNDATION  
An Autonomous University

# MSEUF RESEARCH & INNOVATION DAY

*Theme:*

Research Practices and Innovations in D-VUCAD World

June 6-7, 2023

Hybrid via Zoom

On-ground @ MSEUF AEC Little Theater

Judge #1

**DR. RENATO R. MAALIW III**

For Feasibility, Capstone and  
Research & Development Approaches



Zoom Meeting

Recording

# TESTING AND EVALUATION

## COMPRESSIVE STRENGTH TEST

The chart displays compressive strength values (MPa) for four mix percentages over three curing periods. The 40% mix consistently shows the highest strength, particularly at 28 days.

Curing Period	0%	20%	30%	40%
7 days	1.19	2.38	1.7	1.04
14 days	1.26	2.89	2.04	1.45
28 days	1.52	4.98	4.9	4.78

THE ASTM C129 STANDARD SPECIFIES A REQUIREMENT SHOULD ATTAIN A MINIMUM COMPRESSIVE STRENGTH OF 500 PSI OR 3.45 MPa. THE TRIAL MIX 2,3, AND 4 OF 28 DAYS CURING PASSED THE ASTM C129 REQUIREMENTS.

Unmute Me

Meeting Chat

MR Kindly accomplish this survey evaluation: <https://forms.gle/yW8RRpwYpwwAlMeTA>

CENG-Britania, Geoffrey A. to Everyone 1:50 PM

CG mute

CEng\_ENGR. UZZIEL ABIB GABIOLA to Everyone 1:51 PM

ok n po audio?

Who can see your messages? Recording On

To: Everyone

Type message here...

Windows Taskbar:

- Type here to search
- File Explorer
- File History
- PDF
- PowerPoint
- Firefox
- Google Chrome
- Zoom
- Microsoft Teams
- Calculator
- OneDrive
- Excel
- Word
- PowerPoint

2:02 pm  
06/06/2023