

Jose Rizal University College of Computer Studies Engineering Computer Engineering Department

W8 - Webinar Report

CPE C409 – SEMINARS AND FIELDTRIPS

Submitted by:

Exiquiel John A. Pines

Submitted to:

Mrs. Monette Loy-A

Date Submitted:

October 9, 2023

Hosting Institution: Institute of Computer Engineers of the Philippines (ICpEP)

Seminar Title: Smart Infrastructure and Services for Sustainable and Resilient

Communities

Speaker: Engr. Ricardo Domingo Jr.

Seminar Date and Time: September 15, 2023 / 10:55 AM

Seminar Venue: Webinar via Zoom

On September 15, 2023, I attended the 3rd International Convention and 11th National

Convention of the Institute of Computer Engineers of the Philippines. One of the talks was titled

"Smart Infrastructure and Services for Sustainable and Resilient Communities". The talk was led

by Engr. Ricardo Domingo Jr., a Digital Transformation Leader and a Senior Manager at Schneider

Electric Global Supply Chain Philippine.

Digital transformation has become crucial for businesses and communities trying to grow

and adapt to the constantly changing environment in today's fast-paced and connected world. The

significance of digital transformation cannot be overstated, as it enables businesses and society to

improve sustainability and resilience, assuring long-term success and survival.

Understanding sustainability and resilience is a prerequisite for comprehending why digital

transformation is so crucial. The ability of a group or community to meet its needs now without

jeopardizing its ability to do so in the future is known as sustainability. It includes problems with

the economy, society, and environment, all of which can be solved successfully through digital

transformation.

Organizations may integrate sustainability concepts into their daily operations and

decision-making processes thanks to digital transformation. Organizations may optimize resource

use, cut down on waste, and lessen their environmental effect by implementing technologies like

cloud computing, data analytics, and the Internet of Things (IoT). This not only reduces costs but also improves brand recognition and draws in environmentally conscientious clients.

The ability of an organization to quickly adjust to and recover from disruptive events, such as natural catastrophes, economic downturns, and other unforeseen circumstances, is referred to as resilience. By giving companies and communities the resources and capacities to be ready for, respond to, and recover from such disasters, digital transformation plays a critical part in boosting organizations' and communities' resilience.

In conclusion, digital transformation is of paramount importance in the modern era. It provides businesses and communities with the opportunity to become more sustainable and resilient, which fosters long-term success and adaptability. By incorporating sustainable practices, adopting modern technologies, and following a practical implementation framework, organizations can maximize the benefits of digital transformation and create positive change.



Jose Rizal University College of Computer Studies Engineering Computer Engineering Department

W8 - Webinar Evaluation

CPE C409 – SEMINARS AND FIELDTRIPS

Submitted by:

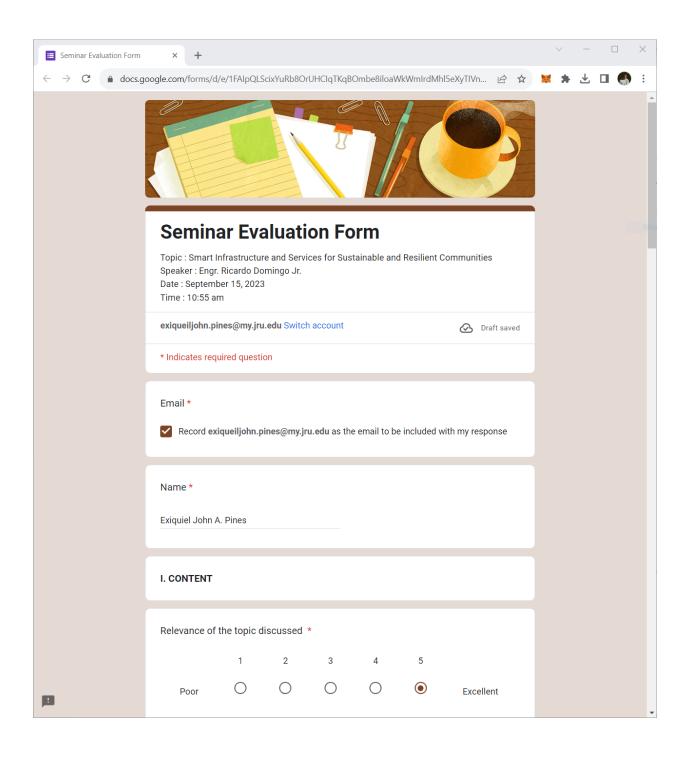
Exiquiel John A. Pines

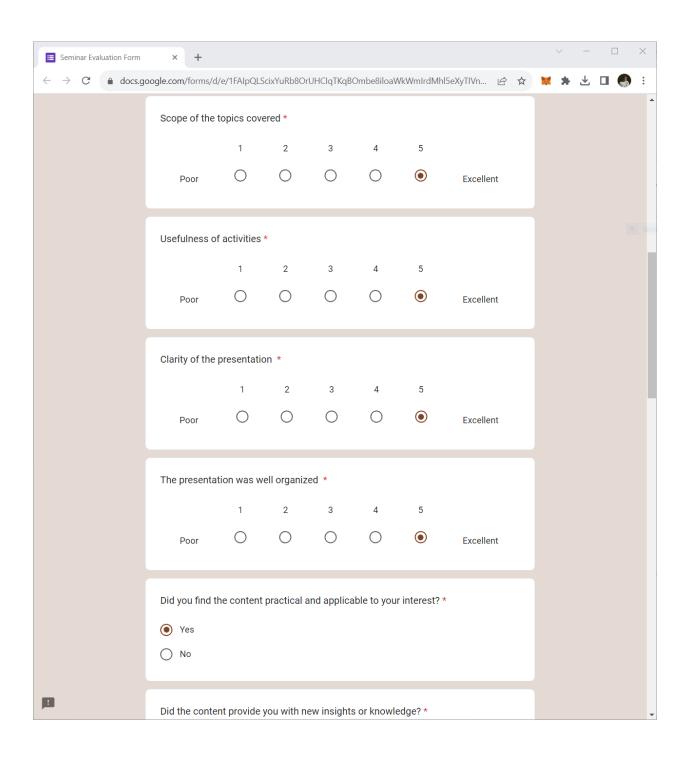
Submitted to:

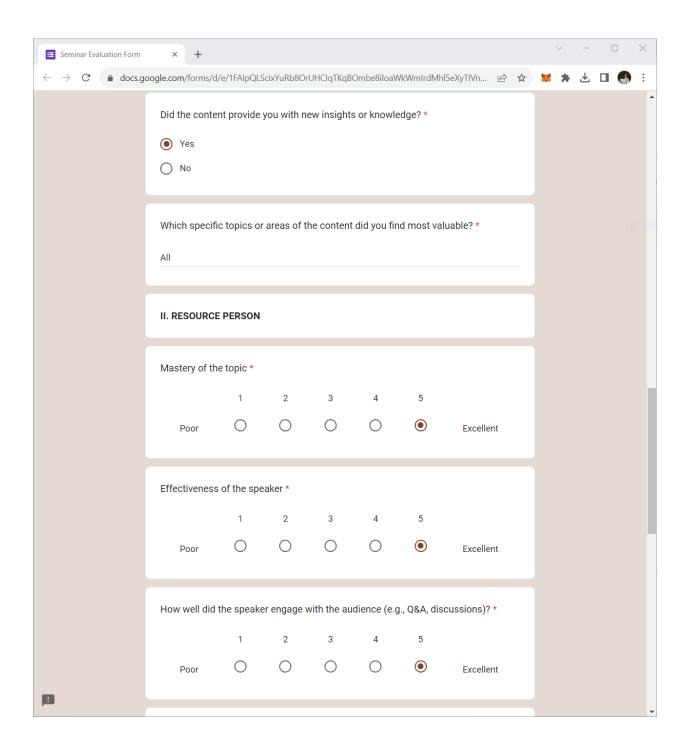
Mrs. Monette Loy-A

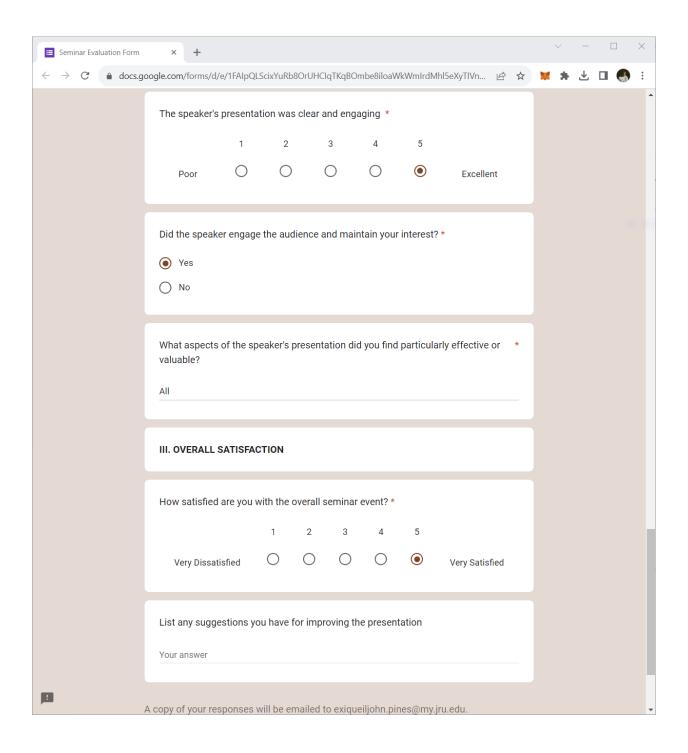
Date Submitted:

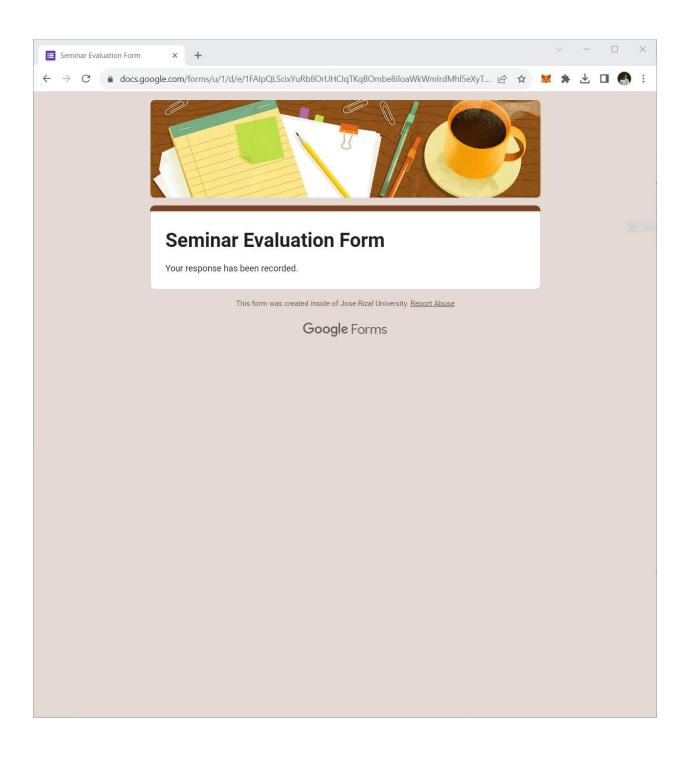
October 9, 2023















INSTITUTE OF COMPUTER ENGINEERS OF THE PHILIPPINES

presents this

Certificate of Participation

to

EXIQUIEL JOHN A. PINES

for his/her active and invaluable participation on
Topic: Smart Infrastructure and Services for Sustainable and Resilient Communities
during the conduct of 3rd International Convention and 11th National Convention of the
Institute of Computer Engineers of the Philippines,
held from the 14th to the 15th of September 2023 at The Farm @ Carpenter Hill
Koronadal City, South Cotabato, Philippines, with the theme
"Engineering Digital Transformation for Smart and Sustainable Communities."

Given this 15th day of September 2023 at The Farm @ Carpenter Hill Koronadal City, South Cotabato, Philippines.

ENGR. PERCILA M. PANAGDATO, PCpE

Overall Chairman, ICpEP IntNatCon 2023 President, ICpEP-R12



DR. ROBEN A. JUANATAS, PCpE

National President, ICpEP