

## **Engineering Student Capstone Design Project Colloquium**

### **Narrative Report**

Date: October 25, 2023, 8:00 am to 12:00 pm

Venue: MS Teams Platform

The Undergraduate Engineering CDP Colloquium, held virtually on October 25, 2023, from 8:00 am to 12:00 pm, was a remarkable event that exemplified the very essence of intellectual growth, innovation, and academic collaboration. The following narrative report provides a comprehensive overview of this successful online colloquium, attended by more 200 students and faculty members from the College of Engineering, as aligned with the rationale of the event.

**Fostering Intellectual Growth and Design Capabilities:**

From the very beginning, the colloquium demonstrated its commitment to nurturing the intellectual growth and design capabilities of undergraduate engineering students. The event was designed to provide a platform where students could not only showcase their academic prowess but also engage in meaningful scholarly dialogues. This aspect of the event directly addressed the core objective of nurturing critical thinking and problem-solving skills.

**Innovative Opportunities and Research Dissemination:**

The colloquium offered an innovative opportunity for students to immerse themselves in engineering design and disseminate their discoveries. The parallel sessions, covering diverse engineering disciplines such as Civil Engineering, Computer Engineering, Electrical Engineering, Electronics and Communications Engineering, Environmental and Sanitary Engineering, and Mechanical Engineering, were the embodiment of this objective. Participants were able to present their findings, share insights, and inspire their peers, thereby contributing to a culture of research dissemination.

### Fostering Academic Excellence and Inquiry:

The importance of encouraging students to showcase their work was evident throughout the event. This not only fostered academic excellence but also ignited a spirit of inquiry and innovation within the undergraduate engineering community. Students exhibited a high level of dedication to their respective fields, showcasing their passion for engineering, and their eagerness to explore new horizons of knowledge.

### Bridging Theory and Practice:

One of the most compelling aspects of the colloquium was its ability to bridge the chasm between theoretical knowledge and practical applications. By allowing students to present their research and design projects, the event exemplified the significance of practical application of academic knowledge. The parallel sessions were a living testament to the idea that engineering is not just about theories but also about real-world solutions.

### Interdisciplinary Collaboration and Future Preparedness:

The colloquium also acted as a conduit for fostering interdisciplinary collaboration. The diverse disciplines represented in the parallel sessions showcased the power of cross-pollination of ideas and solutions. This is essential for preparing students for their future academic and industry pursuits, where problem-solving often transcends traditional disciplinary boundaries.

### Empowering Emerging Engineers:

The event represented a fundamental element in the comprehensive development of emerging engineers. It empowered students not only to explore the frontiers of knowledge but also to illustrate the tangible, real-world impact of their Capstone Design endeavors. This resonated deeply with the objective of nurturing design capabilities and fostering innovation.

## Conclusion:

In conclusion, the Undergraduate Engineering CDP Colloquium, which was conducted in an online setting, proved to be a resounding success. It fulfilled its rationale by nurturing intellectual growth, fostering innovation, encouraging academic excellence, and preparing students for their future academic and industry pursuits. The event brought together a community of passionate and dedicated individuals who left an indelible mark on the academic landscape.



National University Manila  
College of Engineering

# ENGINEERING STUDENT CAPSTONE DESIGN PROJECT COLLOQUIUM

"Engineering Horizons: Bridging Theory and Innovation"

25th October, 2023 | via MS Teams

## PROGRAM OF ACTIVITIES

Time	Activity	Facilitator
8:00 am - 8:05 am	Invocation and National Anthem	Master of Ceremony
8:05 am - 8:10 am	Welcome Remarks	<b>Dr. Rogelio Aniez Jr.</b> Dean, COE, NU Manila
8:10 am - 8:15 am	Introduction to Speaker	Engr. Vic Jayson Nisola COE, CDP Coordinator
8:15 am - 8:35 am	Plenary Speaker	<b>Dr. Sheila Austero</b> Assistant Professor Department of Community and Environmental Resource Planning (DCERP) University of the Philippines Los Baños
8:40 am - 11:30 am	Parallel Sessions	COE CDP FACULTY
	Civil Engineering	
	Computer Engineering	
	Electrical Engineering	
	Electronics and Communications Engineering	
	Environmental and Sanitary Engineering	
	Mechanical Engineering	
11:30 am - 11:45 am	15 Minutes Health Break	Master of Ceremony
11:45 am - 11:55 am	Awarding of Best Oral Presenter	Master of Ceremony
11:55 am - 12:00 nn	Closing Remarks	<b>Engr. Maila Angeles</b> Asst. Dean, COE NU Manila
<b>Engr. Herbert Villaruel</b> Master of Ceremony		

