

ELAIZA JANE CEPRIA SUBERE



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Jupiter St., Nasipit, Talamban, Cebu City, Cebu, 6000 Philippines

Birthdate: December 14, 1999 Birthplace: Cotabato City Sex: Female

EDUCATION

University of San Carlos – Talamban Campus	
Master of Science in Mechanical Engineering	2023 – 2024
Mindanao State University – General Santos City (MSU–GSC) Campus	
Bachelor of Science in Mechanical Engineering	2018 – 2022

ACADEMIC ACHIEVEMENTS (SELECTED)

Passer, February 2023 Mechanical Engineers Licensure Examination	2023
Dean’s List, MSU-GSC	2021– 2022

SCHOLARSHIPS

Engineering Research and Development for Technology (ERDT), Department of Science and Technology – SEI	2023 – Present
RA 7687, Department of Science and Technology Science Education Institute (DOST–SEI)	2018 – 2022
RD Foundation, Inc. Scholar	2019 – 2022

ORGANIZATIONAL INVOLVEMENTS

Member, Pambansang Samahan ng Inhenyero Mekanikal (PSIM) General Santos City Chapter	2023 - Present
President, Mindanao State University – General Santos City Association of DOST Scholars	2021 - 2022

TRAININGS

Building Research Culture in Higher Education	2024
Design Thinking	2023
Paper Writing Using Latex Tool	2023
System Dynamics Summer Workshop	2023
Mold Assembly Using NX by DOST – Metals Industry Research	

And Development Center (Taguig City)	2022
Value Analysis/Value Engineering for Die and Mold Industry by DOST – Metals Industry Research and Development Center (Taguig City)	2022
Packaged Air Conditioner Unit Servicing by Technical Education and Skill Development Authority	2022
AutoCAD 2022 3D Essential Training by Autodesk	2022
Diesel Engine Tune Up by Technical Education and Skill Development Authority	2022
Automotive Battery Servicing by by Technical Education and Skill Development Authority	2022
Whole-body Vibration: Risks and Controls and Course by Trainovate	2022
Hazard Identification Risk Assessment Control (HIRAC) by Trainovate	2022

SEMINARS & CONFERENCES (SELECTED)

10 th International Conference on Engineering for Waste and Biomass Valorisation (Sendai, Japan)	2024
12 th International Mechanical Engineering Research Conference	2024
YABEC & Bio+ Symposia	2023
11 th Engineering Research and Development for Technology Congress	2023
4 th International Conference on Sustainable Energy Ecosystems	2023
10 th PSME Mindanao Regional Conference	2022
Engineering Education for a CAD based Generation	2022
Republic Act 11058: An Act of Strengthening OSH Compliance and Providing Penalties FOR Violations Thereof	2022
Design and Selection of Equipment of Foam Suppression	2022
Build a Positive and Health Culture	2022
Health and Safety Practices in Welding and Allied Processes	2022
1st Technical Conference PSME Mechanical Design and Fabrication and PSME Project Management	2022
The Role of Mechanical Engineering Simulations in Sustainability and Innovation	2022
Equipment Failure Root Cause Analysis	2022
Design Conference and CAD Competition	2022
Best Practices in Writing and Publishing Your Research Paper	2021

HONORS & AWARDS

Excellence Gawad Talino (Science) Award by Mercury Drug	2018
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SKILLS & COMPETENCIES

Life-long Learning, Constant Curiosity, Self-actualization,
Research and Writing, Leadership, Project Design and Management 2010 – Present

INTERESTS

Reading Non-fiction, Binge-watching, Playing Ultimate Frisbee
Listening to Music, and Eating 2006 – Present

RESEARCH

Co-Author, Design Fabrication and Performance Analysis of Regenerative Batch-type Reactor for Pyrolysis of Discarded Used Face Masks	2024
Co-Author, Characterization of Thermo-physical Properties of Refuse-derived Fuel from Face Masks	2024
Co-Author, Physicochemical Characterization of Face Masks and Evaluation of their Use as a Refuse-derived Fuel	2024
Co-Author, Comparative Analysis of Combustion Characteristics of Used Face Masks and Municipal Solid Wastes as Refuse-derived	2023
Co-Author, Determination of Thermo-physical Properties of Refuse-derived Fuel from Hospital waste	2023
Co-Author, Design and Fabrication of Rod Mill Glass Bottle Waste Crushing Machine	2022

REFERENCES

Dr. Michael E. Loretero
Professor V / Chairman, Department of Mechanical and Manufacturing Engineering
University of San Carlos – School of Engineering
Barangay Nasipit, Cebu City / meloretero@usc.edu.ph

Dr. Virgilio Y. Abellana
Professor VI
University of San Carlos – School of Engineering
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Engr. Irene Lara M. Abad, PME
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