

NARRATIVE REPORT

ZSCMST



2025
DECEMBER

BAGONG PILIPINAS

**BACHELOR OF SCIENCE IN
MARINE TRANSPORTATION**





PROGRAM PERFORMANCE PROFILE

1. Program

- BACHELOR OF SCIENCE IN MARINE TRANSPORTATION (BSMT)

1. Institution

ZAMBOANGA STATE COLLEGE OF MARINE SCIENCES AND TECHNOLOGY

Location: FORT PILAR, ZAMBOANGA CITY

Campus where the Program is Offered: CAMPUS A CME, CAMPUS B

PROGRAM ADVISERS:

CAPT. ROXELL F. PARAISO, MMM (BSMT)

ASSOCIATE DEAN:

CAPT. EDMUNDO LAURENTE, MMM (BSMT)

DEAN:

CAPT. MARNETTE M. APIT, MATMT

COLLEGE PRESIDENT:

ROY LIM VALESCO, Ph.D.



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AACCUP Requirement No. 1

4. Mandatory 1: All BSMT faculty members should be required to submit approved, relevant research proposals that have undergone an in-house review process. The entire research process, from proposal approval to publication or patenting of the results, should be properly documented.

AACCUP Requirement No. 2

5. Mandatory 2: Apply all developed instructional materials for copyrights.

AACCUP Requirement No. 3

6. Mandatory 3: Acquire more licensed software used both for research and instructional purposes.

AACCUP Requirement No. 4

7. Mandatory 4: Encourage more application of patents/utility models for various research outputs of faculty and students.

AACCUP Requirement No. 5

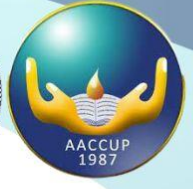
8. Revisit and update the IPR manual of the institution and have it approved by the Board of Trustees.
9. Awards of Distinction and Achievement and Grants of This Program, "Best Practices/ Adopted."



Introduction

The Zamboanga State College of Marine Sciences and Technology (ZSCMST) proudly stands as a premier institution in Western Mindanao, firmly committed to research excellence, technological advancement, and transformative maritime innovation. Guided by its vision of world-class maritime education, the College continually strengthens its programs to meet both national and global demands. This commitment is embodied in the College of Maritime Education (CME), whose mission is to develop competent, disciplined, and globally competitive maritime professionals equipped for the rapidly evolving maritime industry. With a distinguished faculty composed of licensed Master Mariners, seasoned Captains, Chief Officers, and professional maritime educators, CME delivers instruction grounded in real-world operations, ensuring that every lesson reflects authentic sea-based experience and the highest standards of STCW competency.

Empowered by this rare combination of academic expertise and professional mastery, CME guarantees rigorous, industry-aligned training that shapes cadets into confident, ethical, and highly skilled maritime officers. Anchored on ZSCMST's 2020–2025 strategic goals, the College continues to advance in instruction, research, extension, and governance through initiatives that strengthen research capability, encourage patentable innovations, and modernize maritime laboratories. With clear objectives, exceptional faculty leadership, and steadfast compliance with national and international maritime standards, CME consistently produces graduates who are not only employable but truly world-class—ready to contribute to the nation and the global maritime community with excellence, integrity, and innovation.



ZSCMST Vision

A world-class institution for higher learning, research, development, and innovation in fisheries, marine sciences, maritime education, and technology by 2025.

ZSCMST Mission

Provide quality education and relevant research and extension to produce globally competitive human capital for fisheries and other marine-based industries.

The College of Maritime Education proudly aligns itself with the following mission and vision statements:

CME Vision

The Zonal Maritime Resource Nucleus for the Global Community.

CME Mission

The College of Maritime Education conceptualizes the primary role as the producer of competently trained and highly professionalized maritime manpower. We are imbued with the responsibility of upholding the utmost basic training (BT), sufficient to comply with the requirements of STCW as amended, and such other international laws and conventions. Our mission is to prepare individuals to pursue a professional career or advanced studies in any maritime field of specialization.

Reference: Quality Standard System (QSS) Policy and Procedure Manual pages 1-2.

WELL-DEFINED OBJECTIVES



ZSCMST has strategically outlined the following goals for the period 2020-2025:

STRATEGIC GOALS 2020-2025

1. Produce professional human capital for gainful employment.
2. Provide quality research in line with national thrusts and global trends.
3. Make extension services accessible to all.
4. To become a more financially self-sufficient ZSCMST.
5. Streamline Processes to Improve Effectiveness
6. Develop efficient, proactive, transparent, and accountable college management system and governance.
7. Intensive network/system and digital-based physical plant, facilities, and equipment in support of instruction, research, extension & production 4.0.

CME Strategic Goals 2020-2025

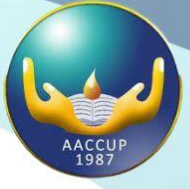
1. Elevate maritime cadet competence for a world-class Filipino maritime workforce.
2. Foster maritime research and innovation
3. Expand outreach and extension services to disseminate maritime knowledge to communities and industries influenced by maritime activities.
4. Optimize financial sustainability for Maritime Education
5. Enhance operational efficiency and educational processes to ensure effective delivery of maritime education aligned with IMO and STCW requirements.
6. Implement governance structures that facilitate communication and decision-making in adherence to IMO and STCW standards.
7. Modernize maritime infrastructure for Education 4.0

Reference: Strategic Planning 2020-2024. Page 29

Foster maritime research and innovation

1. Objectives

- 1.1. Equip instructors with advanced knowledge and skills in maritime research and innovation.
- 1.2. Facilitate the development of patentable innovations from institutional research efforts.



1.3. Enhance collaboration between the institution and maritime industry stakeholders for research and training.

Key Performance Indicators for each of the objectives

1.1 Equip instructors with advanced knowledge and skills in maritime research and innovation.

- Number of instructors trained annually in advanced maritime research and innovation techniques.
- Percentage of instructors who complete certifications in maritime research and innovation within 2020-2025
- Number of research projects conducted.
- Frequency of participation maritime research workshops or conferences.

1.2 Facilitate the development of patentable innovations from institutional research efforts.

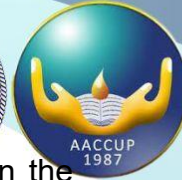
- Number of research projects initiated annually with potential for patent application.
- Number of patents filed and approved within 2020-2025
- Percentage of research efforts resulting in commercialized or patentable products.
- Average time taken to transition a research idea to patent filing.
- Funding secured for research projects with patent potential.

1.3 Enhance collaboration between the institution and maritime industry stakeholders for research and training.

- Number of formal research and training partnerships established annually with maritime industry stakeholders.
- Frequency of joint research initiatives conducted with industry partners per year.
- Number of industry professionals contributing as guest lecturers or collaborators in institutional projects.
- Percentage of institutional research projects co-funded by maritime industry stakeholders.
- Satisfaction rating from stakeholders on collaboration outcomes.

ADEQUATE AND RELEVANT PROJECTS/ACTIVITIES TO ACHIEVE OBJECTIVES

In the context of the **Joint CHED-MARINA Memorandum Circular (JCMMC)**, particularly **JCMMC No. 1, Series of 2023**, which prescribes the policies, standards,



and guidelines for maritime education programs in the Philippines, research in the curriculum is strategically applied to the maritime industry rather than being treated as a standalone subject. This ensures that research efforts are directly relevant to the industry's needs, focusing on practical solutions and innovations that can drive progress and meet global maritime standards.



Republic of the Philippines
OFFICE OF THE PRESIDENT
COMMISSION ON HIGHER EDUCATION

DEPARTMENT OF TRANSPORTATION
MARITIME INDUSTRY AUTHORITY



JOINT CHED – MARINA MEMORANDUM CIRCULAR NO. 01
Series of 2023

SUBJECT: POLICIES, STANDARDS AND GUIDELINES FOR THE BACHELOR OF SCIENCE IN MARINE TRANSPORTATION AND BACHELOR OF SCIENCE IN MARINE ENGINEERING PROGRAMS, SERIES OF 2022, AS AMENDED

Article XII
RESEARCH AND EXTENSION

Section 37. Integration of Research and Extension

In accordance with the trifold functions of higher education on instruction, research and extension, the faculty of MHEIs will undertake research and extension activities. Students as well will also be provided opportunities for them to do research as may be relevant to their projects and activities (e.g. formulation of a navigation plan; formulation of a plan for the management of a marine environment, among others).

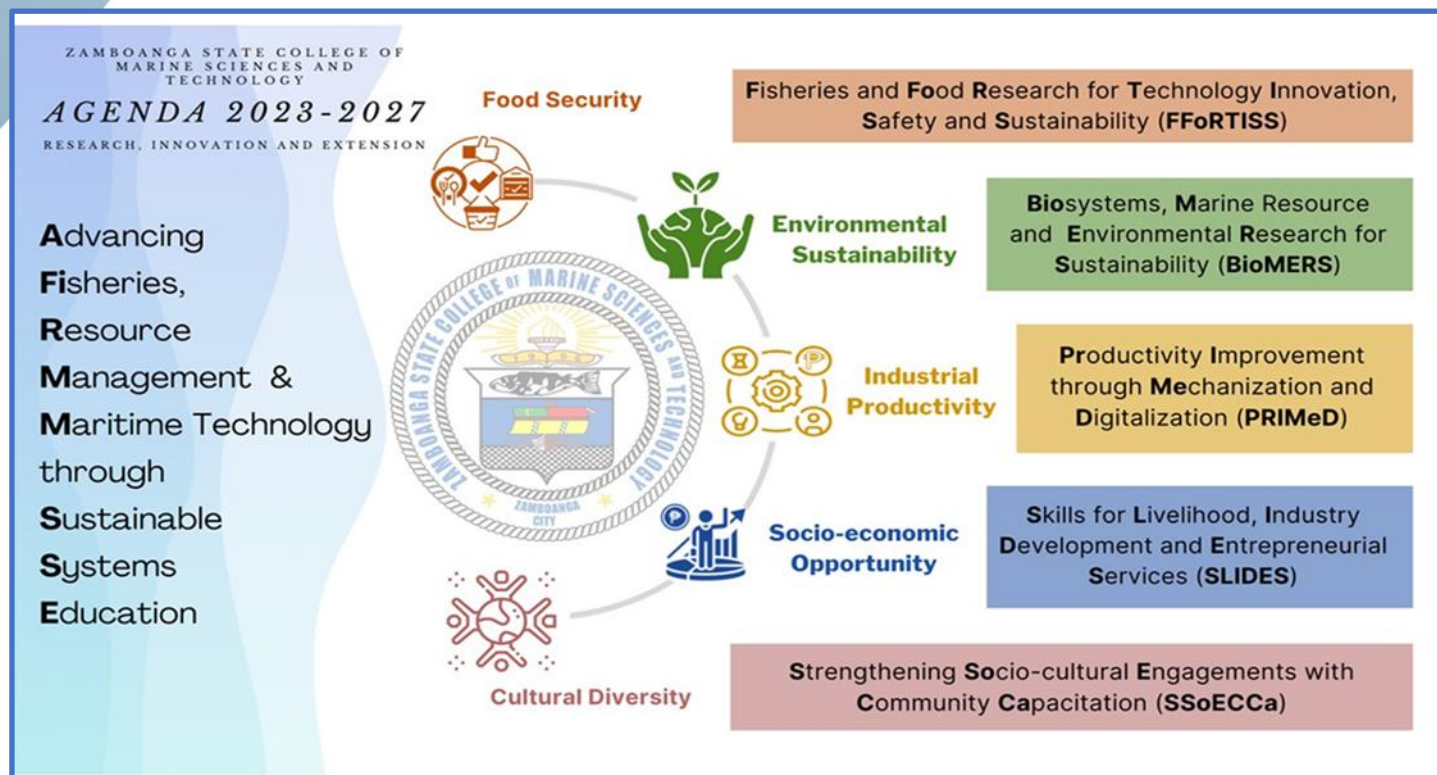
JCMMC No. 1, Series of 2023, page. 38.

<https://stcw.marina.gov.ph/wp-content/uploads/2016/02/JOINT-CHED-MARINA-MEMORANDUM-CIRCULAR-No.-01.pdf>

In a recent onboarding meeting organized by the Office of the Vice President for Research, Innovation, and Extension (OVPRIE), faculty members from across the four colleges of Zamboanga State College of Marine Sciences and Technology (ZSCMST) and one of the College is the College of Maritime Education (CME) – came together to collaboratively craft a comprehensive research agenda for 2023-2027 for the institution. This initiative signifies ZSCMST's commitment to aligning its research pursuits with the critical needs and priorities on the national, regional, and local levels.



The activity served as a vital platform for faculty members to share their valuable insights and expertise, identifying key research areas that hold immense potential to contribute to the advancement of various sectors. Through productive



ZSCMST'S AGENDA 2023-2027
PRIORITY AREAS
RESEARCH, INNOVATION AND EXTENSION

Advancing Fisheries, Resource Management & Maritime Technology through Sustainable Systems Education

FISHERIES AND AQUACULTURE	ENVIRONMENT AND NATURAL RESOURCES	MARINE AND MARITIME TECHNOLOGY	FOOD, CULTURE, AND BUSINESS	SOCIOECONOMIC IMPACTS
Culture and Capture Technologies for Improved Food and Feed Production	Coastal Habitat Assessment, Monitoring, and Conservation	Gear and Vessel Innovations for Improved Operations	Process Development and Optimization for Globally Competitive Goods Production	Innovative Teaching Strategies for Tech Transfer and Community Capacitation
Alternative Feeds and Feed Additives for Improved Nutrition	Biodiversity, Vulnerability, and Mitigation & Adaptation Strategies towards Climate Change Resilience	Strategies and Approaches for Human Capital Competency Enhancement	Profiling and Safety Improvement of Traditional/ Local Food Products	Modes and Approaches for Effective Community-based Alternative Learning Systems
Disease Diagnostics and Sustainable Management Strategies	Rehabilitation and Climate-change proofing of vulnerable ecosystems	Skills-based Certification for Industrial Manpower Supply	Innovative Strategies for Cultural and Heritage-based Ecotourism	Outcomes-based Education as Approach for Climate Change Resilient Communities
Technology Validation and Roll-Out for Commercialization	Sustainable Development through Landscape and Seascape approach	Health Promotion and Work-related Hazard Mitigation Strategies	Business Models and Marketing Strategies for Technology Commercialization	Competency Enhancement through Innovative Teaching Approaches

SARDINES • SEaweeds • CRUSTACEANS • FIN FISHES • CEPHALOPODS • AQUAFEEDS • ECOTOURISM



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COLLEGE OF MARITIME EDUCATION

Research Development Activity Matrix – CME Faculty (AY 2025)

Activity	Time Line	No. Of Days	Resource Person	Participants	No. Of Participants	Facilitator	Estimated Budget	Amount	Venue	Objective	Strategy	Action Plan	Remarks
Research Writing Seminar-Workshop	April 29 & 30, 2025	2	Dr. Gefilloyd L. De Castro	CME Faculty	45	Research/ Focal person/ Coordinator	*45 participants x300.00, meals, Am/Pm snacks *Kits, Certificates and Honorarium	27,000 6,000	Octagon Hall	Train faculty on crafting quality research proposals & enhance faculty skills in research writing, formatting, and academic publishing.	Interactive lectures, group activities, workshops	Coordinate with speaker, prepare kits/snacks, send invites	Secure confirmation from speaker and finalize logistics
Module Development and Copyrighting Workshop	May 02, 2025	1	Dr. Melchor V. Brillantes	CME Faculty	45	Research/ Focal person/ Coordinator	*45 participants x300.00, meals, Am/Pm snacks *Kits, Certificates and Honorarium	13,500 6,000	Octagon Hall	To develop learner-centered instructional modules aligned with maritime standards and in compliance with copyright regulations.	Interactive lectures, group activities, workshops	Coordinate with speaker, prepare kits/snacks, send invites	Secure confirmation from speaker and finalize logistics
Workshop on Instructional Materials for Copyright and Utility Models	May 05, 2025	1	Mr. Ray Arcillas, PFT, Ch.E.	CME Faculty	45	Research/ Focal person/ Coordinator	*45 participants x300.00, meals, Am/Pm snacks *Kits, Certificates and Honorarium	13,000 6,000	Octagon Hall	To train faculty in documenting and registering instructional materials for copyright and utility model applications, building on the outputs from the module development workshop.	Interactive lectures, group activities, workshops	Coordinate with speaker, prepare kits/snacks, send invites	Secure confirmation from speaker and finalize logistics
Proposal Finalization & Submission	May 6-10, 2025	5	N/A	CME Faculty	10	Research/ Focal person/ Coordinator	*45 participants x300.00, meals, Am/Pm snacks *Kits, Certificates and Honorarium	13,000 6,000	N/A	Finalize and submit proposals to Research Committee	Individual consultation, peer review, internal feedback	Set consultation schedules, assign peer reviewers	No costs involved; Faculty to work independently



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COLLEGE OF MARITIME EDUCATION

Pre-Oral Presentation	July 31, 2025	1	CME-Research Committee	CME Faculty	10	Research/ Focal person/ Coordinator	*45 participants x 100.00, Am/Pm snacks *Kits, Certificates	4500 500	Research Conference Room	Present proposals for panel critique and readiness check	Mock oral presentations, review panel feedback	Book venue, prepare kits, schedule panelists	Align with committee availability for evaluations
Oral Presentation	August 15, 2025	1	CME-Research Committee	CME Faculty	10	Research/ Focal person/ Coordinator	*45 participants x 100.00, Am/Pm snacks *Kits, Certificates	4500 500	Research Conference Room	Final Oral Presentation	Mock oral presentations, review panel feedback	Book venue, prepare kits, schedule panelists	Align with committee availability for evaluations
Student IPR	October 22, 2025	1	Mr. Ray Arcillas, PFT, Ch.E.	CME Students	50	CME Research Coordinator	*45 participants x 100.00, Am/Pm snacks *Kits, Certificates	4,500	AVR	To train CME students in documenting and registering instructional materials for copyright and utility model applications, building on the outputs from the module development workshop.	Interactive lectures, group activities, workshops	Coordinate with speaker, prepare kits/snacks, send invites	Secure confirmation from speaker and finalize logistics
Student Research	October 23, 2025	1	Dr. Aldette Navarro	CME Students	50	CME Research Coordinator	*50 participants x 100.00, Am/Pm snacks *Kits, Certificates	4,500	AVR	Train CME students on crafting quality research proposals & enhance faculty skills in research writing, formatting, and academic publishing.	Interactive lectures, group activities, workshops	Coordinate with speaker, prepare kits/snacks, send invites	Secure confirmation from speaker and finalize logistics



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RESEARCH AND EXTENSION OFFICE

Flow of Research Proposal Submission, Review and Approval

The proponent shall submit his/her proposal to their respective Deans, who recommends it to the Vice President for Research and Extension (VP for R&E), who shall likewise endorse the same to the College Research Review Committee (CRRC) for evaluation.



The CRRC evaluates the proposal based on the prescribed criteria, and then recommends it for approval as a College-funded research project/study.



The proponent will be informed on the action taken on his/her proposal and shall be advised accordingly.



All CRRC-approved College-funded project/study proposals shall be submitted to the College President who shall endorse it to the Board of Trustees (BOT) for approval.



The College President shall notify/advise the VP for R&E on the implementation of the project/study upon confirmation of the BOT.



The Research Coordination Office (RCO) shall serve as CRRC Secretariat and handles the monitoring and evaluation of all on-going researches. The RCO also maintains the database of all proposed and implemented researches of the College.



AACCUP Requirement No. 1

Mandatory Statement:

All BSMT faculty members should be required to submit approved, relevant research proposals that have undergone an in-house review process. The entire research process, from approval of the proposal to the publication or patenting of the results, should be properly documented.

Action Taken

All BSMT faculty members were required to prepare and submit relevant research proposals, which underwent a formal **in-house review and evaluation** conducted by the CME Research Committee. The complete research cycle—from proposal approval, ethical clearance, data gathering, and analysis, up to **publication or potential patent/utility model application**—was thoroughly documented and systematically filed by the CME Research Coordinator. This ensured transparency, proper monitoring, and full compliance with AACCUP standards on research process documentation and faculty research productivity.



Narrative Report on the Research Writing Seminar-Workshop

College of Maritime Education (CME) Zamboanga State College of Marine Sciences and Technology (ZSCMST)

To strengthen the research culture and enhance faculty competence in scholarly writing, the College of Maritime Education conducted a **Research Writing Seminar-Workshop** on **April 29–30, 2025** at the Octagon Hall, ZSCMST.

With the theme “**Designing and Writing a Research Proposal**,” the two-day activity was facilitated by **Dr. Gefilloyd L. De Castro**, a distinguished research educator and academic consultant. Faculty participants from ZSCMST and the College of Maritime Education of **Zamboanga Peninsula Polytechnic State University (ZPPSU)** attended the workshop, reflecting a collaborative effort to promote research excellence among maritime educators.

The seminar-workshop aimed to improve faculty skills in research writing and proposal development in line with **AACCUP standards** and the institution’s research agenda. Through structured lectures and guided workshops, participants were introduced to key topics such as research design, problem identification, conceptual framework development, ethical considerations, and proper proposal formatting.

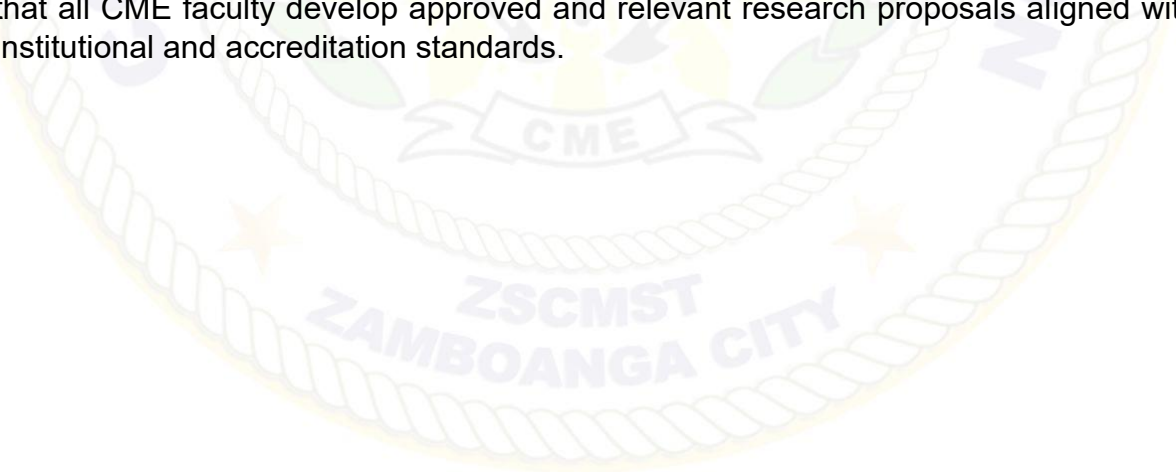
Dr. De Castro emphasized the importance of aligning studies with institutional priorities and national maritime education goals. Participants engaged in hands-on activities by drafting problem statements, formulating objectives, and refining methodologies. Interactive sessions allowed faculty members to critique sample proposals, share insights, and apply theoretical principles to their own work.

The activity culminated in the presentation of draft research proposals, demonstrating improved understanding of proposal structure, content coherence, and quality assurance requirements. Participant feedback showed high satisfaction with the relevance and clarity of the sessions and their direct application to teaching and research responsibilities.

This seminar-workshop forms part of CME’s continuing faculty development program to build a strong, sustainable research culture. By equipping faculty members to generate quality research proposals and outputs, the College affirms its commitment to continuous improvement and compliance with **AACCUP accreditation** and institutional quality assurance objectives.



Faculty participants actively engage in research mentoring and proposal refinement during the Research Writing Seminar/Workshop, fulfilling AACCUP's mandate for systematic, well-documented in-house review of faculty research. The session provides hands-on guidance, scholarly critique, and collaborative feedback, ensuring that all CME faculty develop approved and relevant research proposals aligned with institutional and accreditation standards.





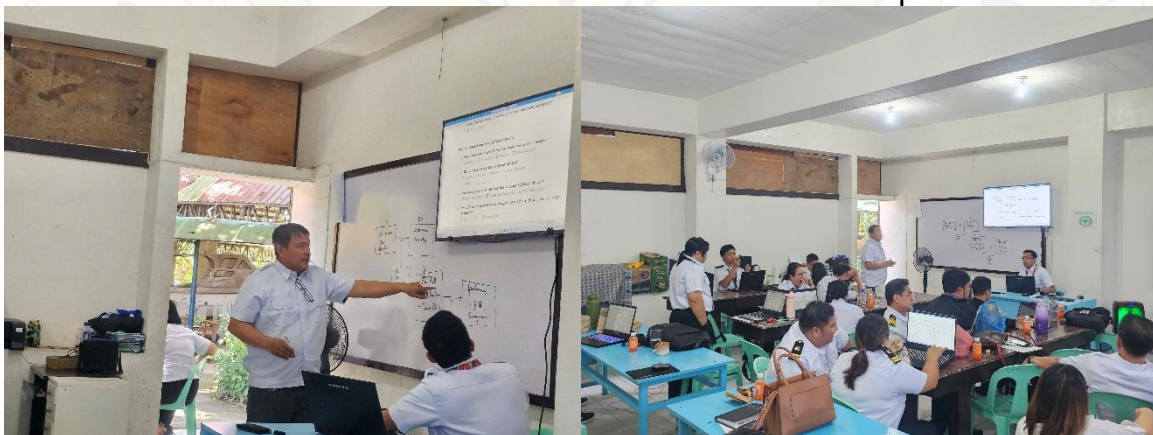
CME faculty members and the College of Maritime Education of **Zamboanga Peninsula Polytechnic State University (ZPPSU)** proudly present their certificates following the Research Writing Seminar/Workshop, underscoring the college's proactive commitment to AACCUP's mandate that all BSMT faculty engage in meaningful research development and submit relevant, well-prepared proposals for in-house evaluation. The seminar-workshop played a vital role in strengthening the institution's research culture by providing structured mentoring, hands-on guidance, and scholarly support, ensuring that faculty members are fully equipped to refine their studies toward formal approval, publication, or eventual patenting.



CME faculty participating in a hands-on research training and proposal-writing seminar, culminating in meaningful outputs that enhance the College's commitment to evidence-based instruction and innovation



CME faculty actively participate in a focused research training and proposal-writing seminar, producing concrete outputs that strengthen the College's commitment to evidence-based instruction and continuous academic improvement.



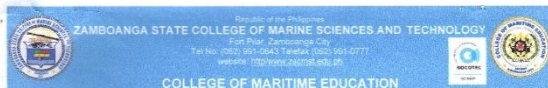
CME faculty are engaging in an in-depth research training and proposal development seminar, producing meaningful outputs that reinforce the College's commitment to evidence-based teaching and continuous academic innovation.



CME faculty members engaged in a focused research training and proposal-writing seminar, producing meaningful outputs that strengthen the College's commitment to evidence-based instruction and continuous academic innovation.



ZPPSU CME faculty proudly present their certificates after completing an intensive research training and proposal-writing seminar, showcasing tangible outputs that strengthen the College's commitment to evidence-based instruction and continuous academic innovation.

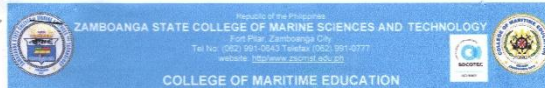


ATTENDANCESHEET

ACTIVITY: RESEARCH WRITING SEMINAR/WORKSHOP
VENUE: OCTAGON HALL, ZSCMST CAMPUS
DATE: APR 29, 2025

NO.	NAME	GENDER		OFFICE/AGENCY/ BARANGAY/SCHOOL	CONTACT NUMBER	SIGNATURE
		M	F			
1.	IVAN JONG MARTINEZ			CME		
2.	Jasmin Alvaran			CME	091609052	
3.	JOSEPH V. ROYES			CME	091609052	
4.	MARION R. SWATING			CME/PSU		
5.	ELCHO A. ANTONIO			CME		
6.	REYNALDO MORRIS A.			CME	0727293905	
7.	RICARDO A. GUAYAO			CME		
8.	TRICIA O. BLOQUE			CME	091609052	
9.	KATHERINE L. YALGO			CME	091609052	
10.	ELVIE F. BERNALDO			CME	091609052	
11.	QUINQUE T. AGUIAR			CME	091609052	
12.	SARKIS R. R.			CME	091609052	
13.	REYNALDO MORRIS A.			CME	091609052	
14.	REYNALDO MORRIS A.			CME	091609052	
15.	REYNALDO MORRIS A.			CME	091609052	
16.	REYNALDO MORRIS A.			CME	091609052	
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28.	REYNALDO MORRIS A.			CME	091609052	
29.	REYNALDO MORRIS A.			CME	091609052	
30.	GEORGE LAURILAGA			CME		

MA. HANVELI C. BERNALDO
SECRETARIAT

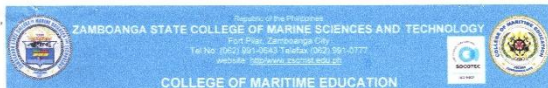


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		M	F			
1.	GEORGE LAURILAGA			CME		
2.	JOSEPH V. ROYES			CME		
3.	JOSE P. LORAN			CME		
4.	JOSE P. LORAN			CME		
5.	QUINQUE T. AGUIAR			CME/PSU	091609052	
6.	REYNALDO MORRIS A.			ZSCMST-CME	091609052	
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30.	REYNALDO MORRIS A.			CME	091609052	

MA. HANVELI C. BERNALDO
SECRETARIAT

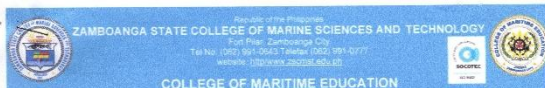


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4.	IVAN JONG MARTINEZ				091609052	
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30.	REYNALDO MORRIS A.			PSU	091609052	

MA. HANVELI C. BERNALDO
SECRETARIAT



ATTENDANCESHEET

ACTIVITY: RESEARCH WRITING SEMINAR/WORKSHOP
VENUE: OCTAGON HALL, ZSCMST CAMPUS
DATE: APR 30, 2025

NO.	NAME	GENDER		OFFICE/AGENCY/ BARANGAY/SCHOOL	CONTACT NUMBER	SIGNATURE
		M	F			
1.	JOSEPH V. ROYES			CME		
2.	JOSE P. LORAN			CME/PSU		
3.	REYNALDO MORRIS A.			CME/PSU	091609052	
4.	QUINQUE T. AGUIAR			CME/PSU	091609052	
5.	REYNALDO MORRIS A.			CME	091609052	
6.	REYNALDO MORRIS A.			CME	091609052	
7.	REYNALDO MORRIS A.			CME	091609052	
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29.	REYNALDO MORRIS A.			CME	091609052	
30.	REYNALDO MORRIS A.			CME	091609052	

MA. HANVELI C. BERNALDO
SECRETARIAT



ATTENDANCESHEET

ACTIVITY: RESEARCH WRITING SEMINAR/WORKSHOP
VENUE: OCTAGON HALL, ZSCMST CAMPUS
DATE: APR 30, 2025 PM

NO.	NAME	Gender		OFFICE/AGENCY/ BARANGAY/SCHOOL	CONTACT NUMBER	SIGNATURE
		M	F			
1.	CHRISTIAN DR. CHING			BOMC		
2.	PSYMA JESUS CM.			CME		
3.	PARRIDE P.K			CME		
4.	JUSTINIA ALARIN			CME		
5.	ANA LOPEZ B. BATA			CME/USE		
6.	JOSEPH (JOSEPH)			CME		
7.	CELESTINE (CELESTINE)			CME		
8.	JOSEPH B. MARGARA			CME		
9.	REYNALDO PATA			CME		
10.	JOSEPH BATA			CME		
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MA. HANUEL C. ESPINOSA
SECRETARIAT



ATTENDANCESHEET

ACTIVITY: RESEARCH WRITING SEMINAR/WORKSHOP
VENUE: OCTAGON HALL, ZSCMST CAMPUS
DATE: APR 30, 2025

NO.	NAME	Gender		OFFICE/AGENCY/ BARANGAY/SCHOOL	CONTACT NUMBER	SIGNATURE
		M	F			
31.	GEORGE LAMLAGA			CME		
32.	JOSE B. LOPEZ JR.			CME		
33.	JOSEPH BATA			CME		
34.	JOSEPH BATA			CME		
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MA. HANUEL C. ESPINOSA
SECRETARIAT





April 15, 2025

DR. ROY LIM VALESCO

President

Zamboanga State College of Marine Sciences and Technology
Fort Pilar, Zamboanga City

Subject: *Request for Approval to Conduct Capability-Building Seminars and Use of Venue*

Dear Dr. Valesco,

Greetings of peace and prosperity!

On behalf of the College of Maritime Education (CME), we respectfully request your approval to conduct a series of capability-building seminar-workshops designed to enhance faculty competencies in instructional material development, research writing, and intellectual property registration.

These initiatives are in response to the recent AACUP evaluation and monitoring visit for the BS Marine Engineering (BSMarE) and BS Marine Transportation (BSMT) programs. We recognize the need to further strengthen faculty expertise in research development, instructional innovation, and academic output protection.

We propose the conduct of the following seminar-workshops:

1. Research Writing Seminar-Workshop

Theme: *"Designing and Writing a Research Proposal"*

Date: April 29–30, 2025 ✓

Resource Speaker: Dr. Gefilloyd L. De Castro

Office-in-Charge: Assistant to the VPAA

Participants: Faculty members of ZSCMST and ZPPSU - CME

Purpose: To enhance research writing, formatting, and academic publishing skills in line with AACUP standards.

Emcee: 2nd/Mate Morris A. Banua

Facilitators:

- Capt. Gamebal S. Salon
- Dr. Quirino T. Agang Jr.
- 2nd/Mate Morris A. Banua
- 3rd/Eng'r Jayvin Alviar
- 3rd/Eng'r Christian Y. Reyes

2. Module Development and Copyrighting Workshop

Theme: *"Enhancing Teaching Quality through Innovative Module Writing"*

Date: May 2, 2025 ✓

Resource Speaker: Dr. Melchor V. Brillantes

Office-in-Charge: Instructional Materials Development Office

Participants: Deck and Engine Instructors

Purpose: To guide faculty in developing learner-centered instructional modules aligned with maritime standards and copyright compliance.

Emcee: 2nd/Mate Morris A. Banua

Facilitators:

- Capt. Gamebal S. Salon
- Dr. Quirino T. Agang Jr.
- 2nd/Mate Morris A. Banua
- 3rd/Eng'r Jayvin Alviar
- 3rd/Eng'r Christian Y. Reyes
- 3rd/Eng'r Ivan Jude P. Martinez



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website: <http://www.zscmst.edu.ph>



COLLEGE OF MARITIME EDUCATION

3. Intellectual Property and Research Output Seminar

Theme: "Designing and Writing a Research Proposal".

Date: May 5, 2025 ✓

Resource Speaker: Mr. Ray Arcillas, PFT, Ch.E.

Office-in-Charge: Knowledge Transfer and Technology Protection Unit

Participants: Faculty members from ZSCMST and ZPPSU - CME

Purpose: To train faculty in documenting and registering instructional materials for copyright and utility model applications, using outputs from the module development workshop.

Emcee: 2nd/Mate Morris A. Banua

Facilitators:

- Capt. Gamebal S. Salon
- Dr. Quirino T. Agang Jr.
- 2nd/Mate Morris A. Banua
- 3rd/Eng'r Jayvin Alviar
- 3rd/Eng'r Christian Y. Reyes

Objectives of the Proposed Activities:


- To strengthen the research culture within the BSMarE and BSMT programs;
- To provide practical guidance on research conceptualization, framework development, and proposal formatting;
- To align academic outputs with institutional research priorities and accreditation standards.

In connection with these events, we respectfully seek your kind approval for the use of the **Octagon Hall** as the official venue.

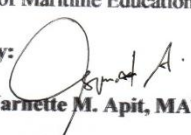
We believe these activities will significantly contribute to faculty development and further strengthen our collective efforts in achieving academic excellence and institutional goals.

Thank you very much for your continued support and commitment.

Respectfully yours,


Capt. Gamebal S. Salon, MMM
Instructor I / Research Coordinator
College of Maritime Education

Noted by:

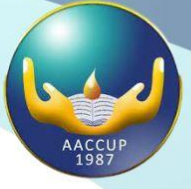

Capt. Marnette M. Apit, MATMT
Dean
College of Maritime Education

Recommending Approval:


Dr. Rachel D. Lauriaga
Vice President for Academic Affairs, ZSCMST

Approved by:


DR. ROY LIM VALESCO
President, ZSCMST



AACCUP Requirement No. 1

Narrative Report on the Faculty Pre-Oral Presentation

The **Faculty Pre-Oral Presentation** of the College of Maritime Education was held on **July 21, 2025** at the Research Conference Room as a direct response to AACCUP's recommendations to strengthen faculty research capability and quality.

Ten research proposals by CME faculty were presented, covering important areas of maritime education such as simulator-based instruction, maritime safety drills, engineering competence, licensure review effectiveness, and student performance. A panel composed of CME administrators, OBT supervisors, and research experts rigorously evaluated each study.

To further enhance academic credibility, CME invited **Dr. Wilfredo L. Campos** of the University of the Philippines Visayas, a renowned marine biologist and fisheries scientist, as an external commentator. His independent feedback added objectivity and helped raise the scientific rigor of the proposed studies.

This activity deepened faculty research competence and showed CME's strong commitment to continuous quality improvement and adherence to national and international maritime education standards. It clearly demonstrates CME's effort to institutionalize research mentoring and scholarly critique, ensuring that faculty outputs are relevant, high-quality, and aligned with **CHED-MARINA**, **STCW**, and **AACCUP** standards.



July 31, 2025, at the Research Conference Room

LIST OF PRESENTERS AND RESEARCH TITLE

Presenter 1

Name of Proponents: Capt. Gamebal S. Salon

Secondary Proponents: none

Title: "Bridging Theory and Practice: Vessel Steering Stand Simulator for Maritime Education"



Capt. Gamebal Salon presenting his research proposal during the faculty training seminar, contributing meaningful outputs that reinforce CME's commitment to evidence-based research, scholarly growth, and continuous academic innovation.

Presenter 2

Name of Proponents: Capt. Edmundo P. Laurente

Secondary Proponents: none

Title: "Improving Student Learning in Trim, Stability, and Stress through User-Friendly Calculation Techniques"



Capt. Edmundo P. Laurente presents his research proposal before the review panel, demonstrating CME's commitment to scholarly rigor, evidence-based practice, and the continuous enhancement of faculty research productivity.



Presenter 3

Name of Proponents: Prof. Samuel B. Marquez

Secondary Proponents: Capt. Marnette M. Apit, Mr. Sofronio F. Eustaquio Jr.

Title: "Maritime English and International Regulations: A review of Standards and Training Practices"



Prof. Samuel B. Marquez presenting his research proposal during the faculty research training seminar, contributing meaningful outputs that strengthen CME's commitment to evidence-based scholarship and continuous academic innovation.

Presenter 4

Name of Proponents: Capt. Gamebal S. Salon

Secondary Proponents: none

Title: "Enhancing Licensure Examination Success Through In-House Review Programs: A Study on the Effectiveness of Structured Review Sessions in Higher Education"



Capt. Gamebal S. Salon presenting his research proposal, "Enhancing Licensure Examination Success Through In-House Review Programs," during the faculty research training seminar—producing outputs that reinforce CME's commitment to evidence-based improvement and academic excellence.



Presenter 5

Name of Proponents: Eng'r Eustace A. Peñaflor

Secondary Proponents: None

Title: "The Effects of Senior High School Strand on Thermodynamics Performance Among First-Year Marine Engineering Students at ZSCMST for School Years 2023-2024 & 2024-2025"



Eng'r Eustace A. Peñaflor presenting his research titled "The Effects of Senior High School Strand on Thermodynamics Performance Among First-Year Marine Engineering Students," contributing valuable outputs that strengthen CME's commitment to evidence-based research and continuous academic improvement.

Presenter 6

Name of Proponents: 3rd /Eng'r Jayvin G. Alviar

Secondary Proponents: 3/E Ivan Jude P. Martinez, 3/E Christian Reyes, 2/M Morris A. Banua

Title: "Impact of Actual Bilge Well Pumping on Knowledge Acquisition of BS Marine Engineering Students: A Comparative Analysis with Simulator-Based Instruction"



3rd/Eng'r Jayvin G. Alviar, together with secondary proponents 3/E Ivan Jude P. Martinez, 3/E Christian Reyes, and 2/M Morris A. Banua, presents their study titled



“Impact of Actual Bilge Well Pumping on Knowledge Acquisition of BS Marine Engineering Students,” delivering research outputs that reinforce CME’s commitment to evidence-based instruction and continuous academic innovation.

Presenter 7

Name of Proponents: 2nd/Mate Edwin R. Narca

Secondary Proponents: Resil O. Ybera

Title: “Challenges Encountered by Martine Transportation Cadets in Securing Onboard Training Opportunities”



2nd/Mate Edwin R. Narca, together with secondary proponent Resil O. Ybera, presents their research titled “Challenges Encountered by Marine Transportation Cadets in Securing Onboard Training Opportunities” during the faculty research seminar—producing meaningful outputs that strengthen CME’s commitment to evidence-based improvement and academic excellence.



Presenter 8

Name of Proponents: Dr. 2nd/Mate Elcid Aranan

Secondary Proponents: None

Title: "Lifeboat Drills: Evaluating Their Effectiveness in Real-World Maritime Emergencies"



Sir Aranan presents and defends his research proposal during the faculty research presentation, exemplifying CME's strong commitment to rigorous scholarly evaluation and the continuous enhancement of faculty research productivity. This in-house defense process ensures that every proposal is critically reviewed, strengthened, and fully aligned with AACCUP standards for quality research documentation and academic excellence.

Presenter 9

Name of Proponents: Dr. Porferio D. Bengel Jr.

Secondary Proponents: None

Title: "Level of Supervision During Cadets' Onboard Training"





Dr. Porferio D. Bengel Jr., delivers an insightful discussion on his study, “Level of Supervision During Cadets’ Onboard Training,” emphasizing the importance of effective oversight in maritime cadet development.

Presenter 10

Name of Proponents: Dr. Quirino D. Agang Jr.

Secondary Proponents: None

Title: “Design Competence: Development of Prototype Hydraulic Process Control Trainer”



Dr. Quirino D. Agang Jr. presenting his study, “Design Competence: Development of Prototype Hydraulic Process Control Trainer,” during the research training seminar—producing outputs that strengthen CME’s dedication to evidence-based innovation and continuous academic advancement.



CME faculty members and evaluators gather during the Faculty Pre-Oral Presentation, showcasing the college's commitment to strengthening research capability through structured critique and scholarly mentoring. This activity ensures that all research proposals undergo rigorous internal review and refinement, fully aligning with AACUP's standards for research quality, documentation, and continuous academic improvement.



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COLLEGE OF MARITIME EDUCATION

July 4, 2025

Dr. Roy Lim Valesco
College President
Zamboanga State College of Marine Sciences and Technology
Fort Pilar, Zamboanga City

Subject: Request for Approval – Conduct of Pre-Oral Presentation for CME Faculty

Dear Dr. Valesco,

Greetings of peace and prosperity!

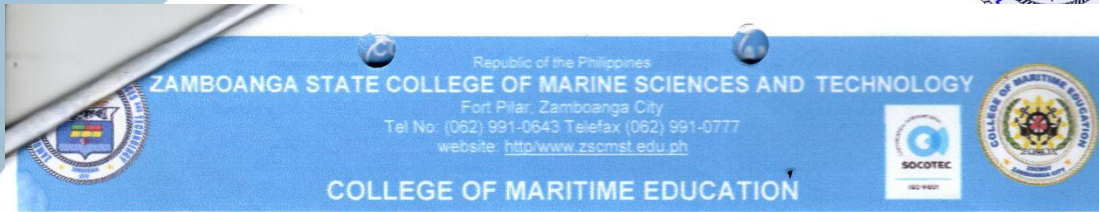
In line with our institution's commitment to **continuous quality improvement** and in response to the recent **AACUP evaluation and monitoring results** for the **Bachelor of Science in Marine Engineering (BSMarE)** and **Bachelor of Science in Marine Transportation (BSMT)** programs, the **College of Maritime Education (CME)** respectfully seeks your approval to conduct a **Pre-Oral Presentation** for selected CME faculty researchers.

This academic activity is scheduled for **July 21, 2025**, at the **Research Conference Room**. It aims to provide a preparatory platform for faculty members to present their research proposals and receive scholarly critique from a panel of evaluators. This initiative forms part of our strategic response to AACUP recommendations, as we continue to elevate research standards and academic excellence within the college.

We are pleased to inform you that the following esteemed panelists have **confirmed their participation and signed their agreement** to serve during the Pre-Oral Presentation:

Name	Position	Signature
2nd Mate Moris Banua	Head, Research and Evaluation Unit – REIE Office	
Capt. Marnette M. Apit	Dean, College of Maritime Education	
Dr. Porferio D. Bengel Jr.	OBT Supervisor	
Dr. Juanito C. Mendoza	OBT Engine Deputy	
Dr. Quirino D. Agang Jr.	MMM Program Adviser	
Dr. Elvira E. Salián	Professor	
Dr. Reynaldin T. Dayay	Station Manager	
Prof. Marlon Omatang	Director, Training and Extension Office	
Dr. Gefilloyd L. De Castro	Assistant to the VPAA	

Their confirmed commitment ensures the integrity, rigor, and relevance of the review process, which will significantly contribute to the refinement and academic depth of the presented research works.



We respectfully request your kind approval for the conduct of this activity.

Thank you very much for your unwavering support to our research endeavors and the continuing advancement of maritime education at ZSCMST.

Respectfully yours,

Capt. Gamebal M. Salon, MMM
Instructor I / Research Coordinator
College of Maritime Education

Noted by:

Capt. Marnette M. Apit, MATMT
Dean, College of Maritime Education

Recommending Approval:

Dr. Rachel D. Lauriaga
Vice President for Academic Affairs

Approved by:

Dr. Roy Lim Valesco
President, ZSCMST



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COLLEGE OF MARITIME EDUCATION

July 17, 2025

Dr. Roy Lim Valesco

College President

Zamboanga State College of Marine Sciences and Technology

Fort Pilar, Zamboanga City

Subject: Request for Rescheduling of Pre-Oral Presentation Activity

Dear Dr. Valesco,

Warm greetings of peace and prosperity.

The College of Maritime Education respectfully requests your approval to **reschedule the Pre-Oral Presentation activity** for selected CME faculty researchers from its original date of **July 21, 2025, to July 31, 2025.**

This adjustment is to allow full participation of CME faculty in the **Research, Innovation, and Extension Office's institutional activity** scheduled from **July 28 to August 1, 2025.** On **July 31**, our faculty are set to attend the **"One-on-One Research Clinic: Coaching and Consultations"** which focuses on manuscript preparation, policy briefs, and CRM module development. The insights gained from this session are expected to significantly enrich the quality of the proposals to be presented.

We believe that moving the Pre-Oral Presentation to this new date will ensure better preparation and alignment with the goals of research enhancement, in support of our continuing response to AACUP recommendations.

We sincerely hope for your favorable consideration and support.

Thank you very much.

Respectfully yours,

Capt. Gamebal M. Salon, MMM
Instructor IV Research Coordinator
College of Maritime Education

Noted by:

Capt. Marnette M. Apit, MATMT
Dean, College of Maritime Education

Recommending Approval:

Dr. Rachel D. Lauriaga
Vice President for Academic Affairs

Approved by:

Dr. Roy Lim Valesco
President, ZSCMST

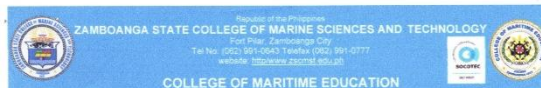


COLLEGE OF MARITIME EDUCATION ATTENDANCE SHEET

Activity: PRE-ORAL PRESENTATION
Venue: Research Conference Room
Date: 31st July 2025

NO.	NAME	Gender		Office/Agency/ Barangay/School	Contact Number	SIGNATURE
		M	F			
1.	Ismael, Elpidio	✓		CME	0915353591	
2.	Quirino, Elpidio A.	✓		CME		
3.	MARQUEZ, SAMUEL	✓		CME		
4.	Reana, Morris R.	✓		CME	09212093708	
5.	DASY, ROBERTO T.	✓		CME	0908841488	
6.	Norca, Edwin	✓		CME	0906555392	
7.	SALON, GREGORIO S.	✓		CME	0919446141	
8.	NEERA, RUSL O.	✓		CME	0906844917	
9.	PERALTA, EUSTACE A.	✓		CME	0937751245	
10.	EUSTACE, EUSTACE A.	✓		CME	0945550000	
11.	ELVIA, E. SALON	✓		CME	09159244405	
12.	RONILLO Y. SANCHEZ	✓		CME	09306650970	
13.	PARASO, ROBERTO	✓		CME	09167787877	
14.	WILMA GRIS FERRANTE	✓		CME	0917306712	
15.	Alvario, Jovelyn A.	✓		CME	09091104905	
16.	Reyes, Christian D.	✓		CME	09019721022	
17.	WILSON L. GARCIA	✓		MPV	0902077114	
18.	MARTIN R. ORTIZ	✓		PO/CME	0907201091	
19.	RAMON, EDUARDO JR.	✓		CME	0941788781	
20.	MARTINEZ, WILSON	✓		CME	09068897215	
21.	JOSE, RICHARD JR.	✓		CME	09079326374	
22.	RAMON, WILSON	✓		BOC/MPV		
23.	RAMON, WILSON	✓		CME	0907935041	
24.	RAMON, WILSON	✓		CME	09068897215	
25.	RAMON, WILSON	✓		CME		
26.	RAMON, WILSON	✓		CME		
27.	RAMON, WILSON	✓		CME		
28.	RAMON, WILSON	✓		CME		
29.	RAMON, WILSON	✓		CME		
30.	RAMON, WILSON	✓		CME		

SECRETARIAT



COLLEGE OF MARITIME EDUCATION ATTENDANCE SHEET





Activity: PRE-ORAL PRESENTATION
Venue: Research Conference Room
Date: 31st July 2025

NO.	NAME	Gender		Office/Agency/ Barangay/School	Contact Number	SIGNATURE
		M	F			
31.	Joselito Valenzuela	✓		UM	0916157410	
32.	VINCENT PAUL TUCAN	✓		RIE	0930137186	
33.	MACAPALA, HENRIETTE PEI	✓		CME-DMA	09019122926	
34.	MA, Hannel Eginosa	✓		CME	0961302906	
35.	MA, Hannel Eginosa	✓		MPV	0916157410	
36.	RICHARD PICAL	✓		CMT	0907372915	
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MA. HANDEL EGINOSA
SECRETARIAT








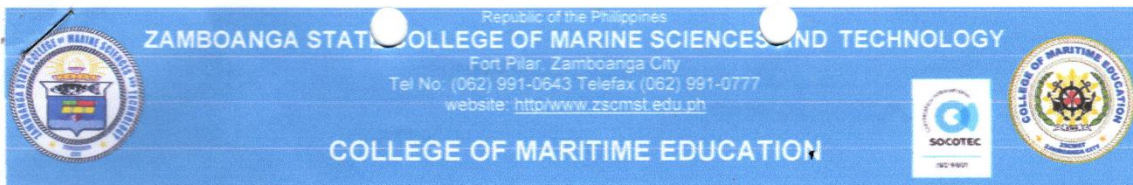
STRIDE | RD LEAD SCIENTIFIC TRAINING AND RESEARCH INITIATIVE FOR DEVELOPMENT AND EXCELLENCE (RD LEAD STRIDE)

ACTIVITIES

FIRST WEEK July 28 - August 1	SECOND WEEK August 4 - August 7
Day 1 July 28 First Visit Recap; and Training in Research Project Management <ul style="list-style-type: none">• Research project management overview• Research planning, budgeting, and timeline development	Day 1 August 4 Morning: Talk on Regional Fisheries Priorities Afternoon: Research Concept Workshop
Day 2 July 29 Training in Research Project Management <ul style="list-style-type: none">• Project Implementation, monitoring, and evaluation• Risk management in research projects	Day 2 August 5 Training on Scientific Writing, Review and Publication <ul style="list-style-type: none">• Experiences/stories in writing manuscripts• Building a Scientific Paper: A Structure-by-Structure Writing Guide
Day 3 July 30 Training in Research Project Management <ul style="list-style-type: none">• Strategic R&D management• R&D project planning and control	Day 3 August 6 Training on Scientific Writing, Review and Publication <ul style="list-style-type: none">• Building a scientific paper (cont.)• Journal Selection, Submission, and Impact
Day 4 July 31 One-on-one Research Clinic: Coaching & Consultations (Manuscripts, Policy Briefs, CRM modules)	Day 4 August 7 Coastal Resource Management Module Presentation Awarding and Closing Ceremony
Day 5 August 1 One-on-one Research Clinic: Coaching & Consultations (Manuscripts, Policy Briefs, CRM modules)	

 EMAIL: zscmst@zscmst.edu.ph  WEBSITE: <https://research.zscmst.edu.ph/>  FACEBOOK: <https://www.facebook.com/ZSCMST-Research>

Through the STRIDE Research Training and Development Program, ZSCMST faculty engaged in intensive, week-long capacity-building sessions—from project planning and scientific writing to one-on-one coaching—demonstrating the College's unwavering commitment to nurturing a strong research culture and producing meaningful, high-quality outputs aligned with AACCUP's vision of academic excellence and continuous institutional growth.



August 18, 2025

Dr. Maila V. Pan

OIC, Vice President for Research, Extension, and Innovation Office
Zamboanga State College of Marine Sciences and Technology
Fort Pilar, Zamboanga City

Subject: Submission of List of Presenters and Research Titles during CME Faculty Research Presentations

Dear Dr. Pan,

Greetings of peace and respect.

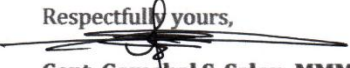
I am respectfully submitting herewith the list of presenters and their corresponding research titles during the **College of Maritime Education (CME) Faculty Research Presentations** held on **July 31, 2025**, at the Research Conference Room.

The activity served as a significant step in preparing our faculty's research outputs for the upcoming institutional and external evaluations, while also fostering a stronger culture of research in our college.

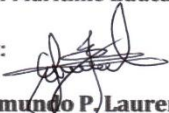
Please see the attached file (Annex A) for the complete list of presenters and their research titles for your kind reference and record.

We sincerely appreciate your continued guidance and support as we strengthen the research endeavors of the College of Maritime Education.

Respectfully yours,


Capt. Gamebal S. Salon, MMM
Research Coordinator / Instructor I
College of Maritime Education

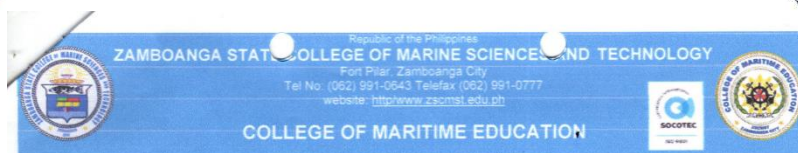
Noted by:


Capt. Edmundo P. Laurente, MMM
Associate Dean,
College of Maritime Education

Acknowledged by:


Dr. Maila V. Pan

OIC, Vice President for Research, Innovation, and Extension



Annex A

List of Presenters and Research Titles

CME Faculty Research Presentations – July 31, 2025, Research Conference Room

NO.	NAME OF PRESENTER	SECONDARY PROPONENTS	RESEARCH TITLE
1	Capt. Gamebal S. Salan	None	<i>Bridging Theory and Practice: Vessel Steering Stand Simulator for Maritime Education</i>
2	Capt. Edmundo P. Laurente	None	<i>Improving Student Learning in Trim, Stability, and Stress through User-Friendly Calculation Techniques</i>
3	Prof. Samuel B. Marquez	Capt. Marnette M. Apit, Mr. Sofronio F. Eustaquio Jr.	<i>Maritime English and International Regulations: A Review of Standards and Training Practices</i>
4	Capt. Gamebal S. Salan	None	<i>Enhancing Licensure Examination Success Through In-House Review Programs: A Study on the Effectiveness of Structured Review Sessions in Higher Education</i>
5	Eng'r Eustace A. Peñaflor	None	<i>The Effects of Senior High School Strand on Thermodynamics Performance Among First-Year Marine Engineering Students at ZSCMST for School Years 2023–2024 & 2024–2025</i>
6	3/Eng'r Jayvin G. Alviar	3 rd /Eng'r Ivan Jude P. Martinez, 3/Eng'r Christian Reyes, 2 nd /Mate Morris A. Banua	<i>Impact of Actual Bilge Well Pumping on Knowledge Acquisition of BS Marine Engineering Students: A Comparative Analysis with Simulator-Based Instruction</i>
7	2 nd /Mate Edwin R. Narca	2 nd /Mate Resil O. Ybera	<i>Challenges Encountered by Marine Transportation Cadets in Securing Onboard Training Opportunities</i>
8	Dr. 2nd/mate Elcid Aranan	None	<i>Lifeboat Drills: Evaluating Their Effectiveness in Real-World Maritime Emergencies</i>
9	Dr. 3 rd /Eng'r Porferio D. Bengel Jr.	None	<i>Level of Supervision During Cadets' Onboard Training</i>
10	Dr. 3 rd /Eng'r Quirino D. Agang Jr.	None	<i>Design Competence: Development of Prototype Hydraulic Process Control Trainer</i>

CME faculty researchers showcase their diverse and innovative research proposals during the July 31, 2025, presentations—demonstrating the College's strong commitment to scholarly productivity, evidence-based improvement, and maritime academic excellence.



AACCUP Requirement No. 2

Narrative Report on the Module Development and Copyrighting Workshop

College of Maritime Education (CME)
Zamboanga State College of Marine Sciences and Technology (ZSCMST)

As part of CME's ongoing efforts to enhance faculty competence and ensure quality instruction aligned with **AACCUP standards**, a **Module Development and Copyrighting Workshop** was held on **May 2, 2025**, at the Octagon Hall, ZSCMST.

The workshop, with the theme **“Enhancing Teaching Quality through Innovative Module Writing,”** was facilitated by **Dr. Melchor V. Brillantes**, an expert in curriculum design and outcomes-based education. Deck and Engine instructors actively participated, reflecting their commitment to academic excellence and instructional innovation.

The main objective of the workshop was to train faculty members in designing learner-centered, outcomes-based instructional modules that comply with both maritime education standards and copyright regulations. The sessions focused on crafting clear learning outcomes, sequencing content, aligning assessments, and integrating competencies based on the **STCW Code**.

Dr. Brillantes also emphasized compliance with intellectual property laws to ensure that faculty-developed materials are properly documented and protected. Participants drafted sections of their own modules, incorporating outcome-based principles and learner-centered strategies. Group presentations and peer evaluations allowed them to exchange best practices and receive constructive feedback.

By the end of the workshop, participants expressed their commitment to finalize and institutionalize their modules for classroom use. Feedback highlighted the training's clarity, relevance, and practicality in addressing current instructional challenges.

This initiative demonstrates CME's proactive approach to faculty development and its strong adherence to AACCUP standards on **quality instruction, module development, and copyright compliance**, thereby strengthening the academic and legal protection of faculty outputs.



CME faculty opening the program with a heartfelt prayer, setting a tone of unity, purpose, and shared commitment to meaningful learning and academic excellence.



The emcee warmly introduces the resource speaker, setting an engaging and purposeful atmosphere that reflects CME's commitment to meaningful learning and professional development.



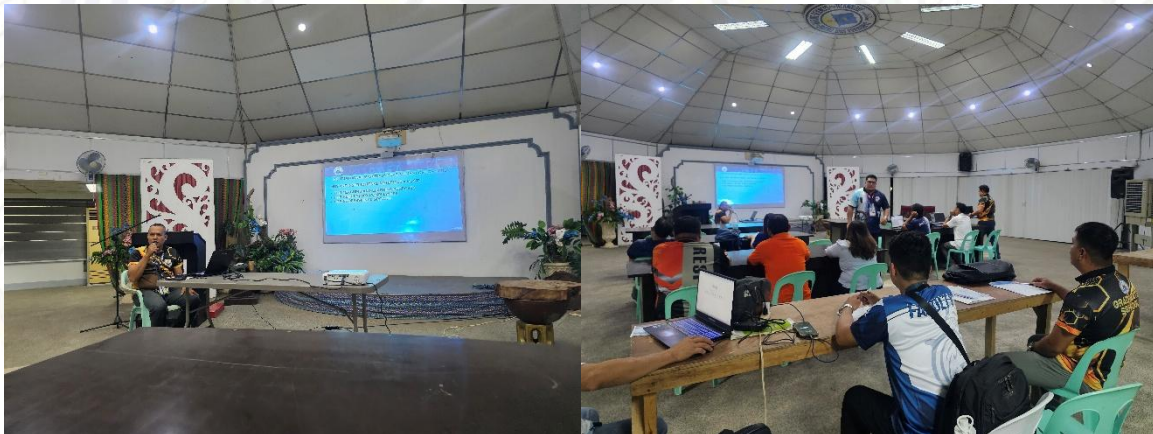
Faculty participants actively engage in the Module Development and Copyrighting Workshop, demonstrating the institution's commitment to developing high-quality, original instructional materials aligned with academic standards and accreditation requirements. The workshop equips educators with the skills needed to design, refine, and legally protect their modules, ensuring that all learning materials used in the College of Maritime Education are pedagogically sound, compliant with copyright laws, and supportive of continuous curriculum improvement.



A resource speaker discusses the importance of developing quality instructional materials during the Module Development and Copyrighting Workshop, emphasizing their essential role in teaching, regulatory compliance, and faculty professional growth. This session supports the institution's commitment to producing original, well-designed, and copyright-ready modules that uphold academic standards and strengthen curriculum delivery within the College of Maritime Education.



CME faculty sharing research-informed insights during the Module Development and Copyrighting Workshop, producing outputs that strengthen the College's commitment to evidence-based instruction, scholarly growth, and continuous academic innovation.



CME faculty actively engaging in the Module Development and Copyrighting Workshop held on May 2, 2025, producing meaningful instructional outputs that strengthen the College's commitment to evidence-based teaching, scholarly growth, and continuous academic innovation.



Republic of the Philippines
ZAMBOANGA STATE COLLEGE OF MARINE SCIENCES AND TECHNOLOGY

Port Pilar, Zamboanga City
Tel No. (052) 981-0643 Telefax (052) 991-0777
website: <http://www.zscmst.edu.ph>



COLLEGE OF MARITIME EDUCATION

ATTENDANCESHEET

ACTIVITY: MODULE DEVELOPMENT WORKSHOP
VENUE: DEPT. HALL, ZSCMST CAMPUS
DATE: MAY 02, 2021

PM

NO.	NAME	Gender		OFFICE/AGENCY/ BARANGAY/SCHOOL	CONTACT NUMBER	SIGNATURE
		M	F			
1.	Aranan, Eric A	/		CME		
2.	Penaflo, Eustace A.	/		CME		
3.	MARTINEZ, IVAN JUDE	/		CME		
4.	Sayon, Almar	/		CME		
5.	TUSIL, O. Chery		/	CME		
6.	Quirino T. Agag Jr	/		CME		
7.	MA. Hanneli Espinoza		/	CME		
8.	Naran, Cedrick R	/		CME		
9.	ESPINOZA, SC. M.	/		CME		
10.	ELVIRA E. St. Lina		/	CME		
11.	Pela Cruz Mangar		/	CME		
12.	EBECATE, WINNA GIN D.		/	CME		
13.	DOHILO Y. JAYSON	/		CME		
14.	Lamonte, Edgardo P.	/		CME		
15.	ROXELL F. PARRIOS	/		CME		
16.	Malchor B. Brillantes	/		CFLA		
17.	MARQUEZ M. APIT		/	CME		
18.	BENGE, PORFIRIO JR D.	/		CME		
19.	Paul Antonio A. Gargano	/		CME		
20.	JUAN C. MENDOZA	/		CME		
21.	CAMPAN, S. STAN	/		CME		
22.	PARRIOS, B. R	/		CME		
23.	Elenita Capaci		/	CME		
24.	MARTIN P. OVATINO	/		CME/PEO		
25.	Nicholas A. Quinsit	/				
26.	Sigfredo J. Castagnola	/		CME		
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MA. HANNELI C. ESPINOZA
SECRETARIAT



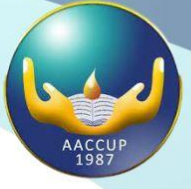
AACCUP Requirement No. 3

3. Acquire more licensed software used both for research and instruction purposes.

ZSCMST has made significant progress in complying with the AACUP recommendation to acquire more licensed software for both research and instruction. The College has procured licensed Endpoint/Server Antivirus and Firewall Software Suites under Bid Nos. B-012-2023 and B-052-2023, providing secured and authenticated software systems used across faculty offices, computer laboratories, and research units. These licensed subscriptions ensure that digital teaching materials, student outputs, and research datasets are stored and processed in a protected environment aligned with quality assurance standards.

Furthermore, the institution has strengthened its digital learning environment through the procurement of ICT equipment under B-018-2023, expanding the capability of instructional laboratories and improving the readiness of the College to install and use licensed teaching and research software. These ICT advancements directly support simulation-based learning, computer-aided instruction, and research data processing.

The ongoing inventory of all existing software, together with planned acquisitions of statistical, qualitative, simulation, and maritime-specific programs, demonstrate the College's commitment to fully meeting the recommendation. A policy mandating the use of licensed or open-source software in all academic and research activities is also being institutionalized to ensure long-term compliance and adherence to IPR standards. Collectively, these actions and documents constitute strong evidence of progressive compliance with the AACUP requirement.





**Accessing your Library eResources
using MyLOFT**

MyLOFT User Training Session

<u>Training Session</u> Friday, 5th August, 3:00 pm onwards	<u>Venue</u> Join Zoom Meeting Link: https://bit.ly/3otPB18
<u>Registration Link</u>	<u>Provided *Certificate of</u>

**Monthly-User Training Sessions
Poster August.pdf**

 115.53 KB

The CME actively supports research and instruction by training faculty and students in accessing licensed digital resources through MyLOFT, reinforcing the College's commitment to acquiring and maximizing software essential for academic excellence and accreditation compliance.



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- ACCESS TO SUBSCRIBED eRESOURCES**
Easy access to latest Journal articles, Databases and eBooks subscribed by your Institution.
- VOICE ENABLED UNIVERSAL SEARCH**
Discover content using voice-command to search engines recommended by your Institution.
- TAG AND ORGANIZE**
Find saved articles and research papers by tagging and organizing them into collections.
- OFFLINE READING**
Save content from your favorite websites, blogs, news feeds or Institute subscribed eResources and read them offline.
- HIGHLIGHT AND LISTEN (TTS)**
The built-in article viewer allows clutter free text reading, highlighting, listening and more.

www.zscmst.edu.ph | lrc@zscmst.edu.ph | [fb.me.zscmstlrc](https://fb.me/zscmstlrc)

ZSCMST LRC expands its licensed digital resources through MyLOFT, giving students and faculty seamless access to authenticated e-books, journals, and research tools—supporting AACCUP's call for enhanced research and instructional software.



ZAMBOANGA STATE COLLEGE OF MARINE SCIENCES AND TECHNOLOGY													
Annual Procurement Plan-NON-CSE for FY 2024 (BASED ON GAA DUMP PRINT FY 2024)													
Code (PAP)	Procurement Project	PMO/ End-User	Is this an Early Procurement Activity? (Yes/No)	Mode of Procurement	Schedule for Each Procurement Activity				Source of Funds	Estimated Budget (PhP)			Remarks (brief description of Project)
					Advertisement/ Posting of IB/REI	Submission/ Opening of Bids	Notice of Award	Contract Signing		Total	MOOE	CO	
	Procurement of 1 unit Laptop with Accessories for Establishment of IPTBM in ZSCMST through RAISE program (Laptop with Accessories: Processor-2.0Ghz base clock speed upto 4.0Ghz (latest Generation), Memory - 16GB DDR5-5200, Windows 11 Pro(OEM) Pre-installed, Storage-512GB M.2 SSD or larger)	Research Office	No	Small -Value Procurement	31-Jan-24	--	--	--	DOST - PCAARRD FUNDS	80,000.00		80,000.00	Carried Forward Project - FY 2023
	Procurement of Access Control System (RFID) Gate	LRC	No	Competitive Bidding	7-Jul-24	17-Jul-24	17-Jul-24	21-Jul-24	STF - FIDUCIARY	3,000,000.00		3,000,000.00	Carried Forward Project - FY 2022
SUBSCRIPTION EXPENSE													
	Domain Name Renewal / Registration ONE (1) year Subscription - zscmst.edu.ph	College Database Center / IT	No	DIRECT CONTRACTING	12-Jan-24	--	--	--	FUND 101 - GAA FY 2024	3,500.00	3,500.00		
	ZOOM Business Subscription Twelve (12) months	College Database Center / IT	No	Small -Value Procurement	12-Jan-24	--	--	--	FUND 101 - GAA FY 2024	13,000.00	13,000.00		
	Endpoint / Server Antivirus / Firewall Software Suite Subscription (Renewal)	College Database Center / IT	No	Small -Value Procurement	24-May-24	--	--	--	STF - FIDUCIARY	700,000.00	700,000.00		
	Upgrading / Renewal of ZSCMST Primary Internet Connection Twelve (12) months subscription	College Database Center / IT	No	Small -Value Procurement	1-Mar-24	--	--	--	STF - FIDUCIARY	900,000.00	900,000.00		
	Upgrading / Renewal of ZSCMST Secondary Internet Connection Twelve (12) months subscription	College Database Center / IT	No	Small -Value Procurement	1-Mar-24	--	--	--	STF - FIDUCIARY	900,000.00	900,000.00		
	Upgrading / Renewal of ZSCMST Campus B Internet Connection Twelve (12) months subscription	College Database Center / IT	No	Small -Value Procurement	1-Mar-24	--	--	--	STF - FIDUCIARY	900,000.00	900,000.00		
	Subscription of Office Productivity Software for Academic Use - Twelve (12) months	College Database Center / IT	No	Small -Value Procurement	24-May-24	--	--	--	STF - FIDUCIARY	700,000.00	700,000.00		
	Web Hosting Subscription for Twelve (12) months	College Database Center / IT	No	Small -Value Procurement	24-May-24	--	--	--	STF - FIDUCIARY	60,000.00	60,000.00		
	Renewal of the e-Library Resources Subscription - Twelve (12) months	College Database Center / IT	No	Competitive Bidding	4-Jan-24	7-Jan-24	21-Jan-24	24-Jan-24	STF - FIDUCIARY	2,000,000.00	2,000,000.00		
	Satellite Internet - 2 (Two) Subscriptions for 12 months	College Database Center / IT	No	Small -Value Procurement	12-Jan-24	--	--	--	STF - FIDUCIARY	200,000.00	200,000.00		
MOTOR VEHICLES													
	Re-Fleeting of ZSCMST Vehicles (Mini-Bus, Pick-up, & Passenger Van)	Motorpool	Yes	Competitive Bidding	2-Oct-23	16-Oct-23	23-Oct-23	30-Oct-23	FUND 101 - GAA FY 2024	9,500,000.00		9,500,000.00	
	Procurement of Research Utility Vessels	Administrative Office	Yes	Competitive Bidding	2-Oct-23	16-Oct-23	23-Oct-23	30-Oct-23	FUND 101 - GAA FY 2024	10,000,000.00		10,000,000.00	
OTHER MACHINERY & EQUIPMENT													
	Procurement of Technical Equipment for the Conversion and upgrading of Fisheries Laboratory into Molecular laboratory	CFMS	Yes	Competitive Bidding	2-Oct-23	16-Oct-23	23-Oct-23	30-Oct-23	FUND 101 - GAA FY 2024	15,000,000.00		15,000,000.00	



AACCUP Requirement No. 4

Narrative Report on the Intellectual Property and Research Output Seminar

College of Maritime Education (CME) Zamboanga State College of Marine Sciences and Technology (ZSCMST)

To further strengthen research productivity, innovation, and intellectual property awareness, the College of Maritime Education conducted an **Intellectual Property and Research Output Seminar** on **May 5, 2025** at the Octagon Hall, ZSCMST.

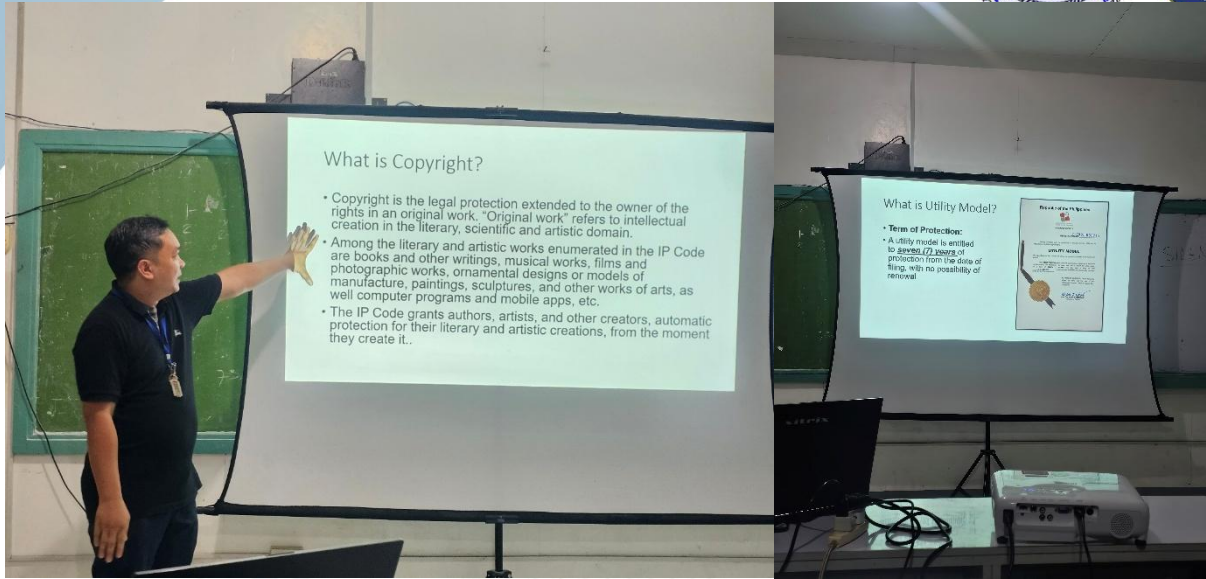
The seminar, facilitated by **Mr. Ray Arcillas**, an advocate of intellectual property rights and research innovation, aimed to train faculty members on properly documenting and registering instructional materials and research outputs for **copyright** and **utility model** protection. Faculty from ZSCMST and the CME of **ZPPSU** attended, underscoring inter-institutional collaboration in research and IP awareness.

Mr. Arcillas discussed the principles and procedures of intellectual property registration, particularly copyright, patent, and utility models as administered by the **Intellectual Property Office of the Philippines (IPOPHL)**. He emphasized the importance of safeguarding faculty-created materials such as modules, manuals, and research outputs as part of institutional innovation and accreditation compliance.

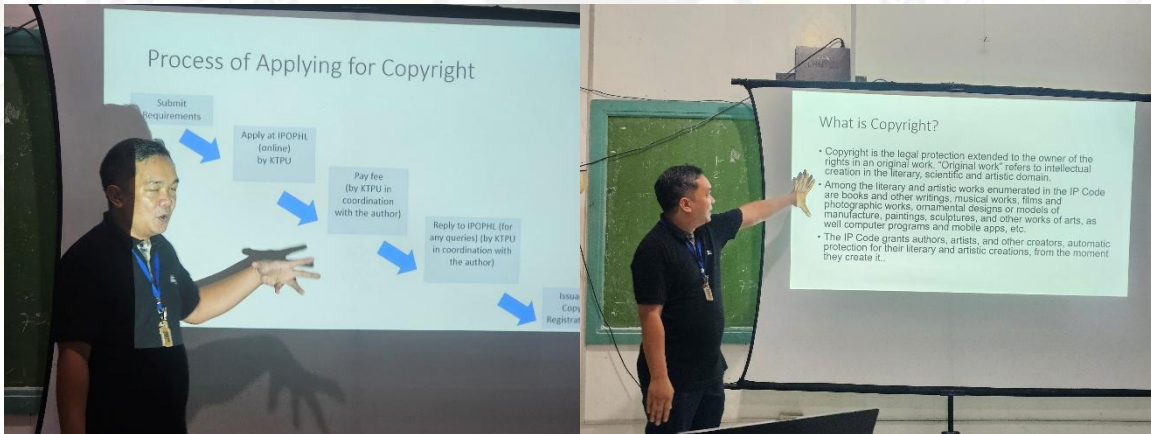
The seminar included practical demonstrations on preparing copyright applications, drafting declarations of authorship, and documenting research outputs. Open forums and group consultations allowed participants to clarify issues related to authorship, ownership, and licensing.

By the end of the activity, faculty members reported a clearer understanding of their rights and responsibilities concerning intellectual property. Many committed to registering their instructional materials and research outputs for proper credit and protection.

This seminar is a key component of CME's efforts to cultivate a culture of **research integrity, innovation, and accountability**. It supports AACCUP requirements on research productivity, documentation, and legal protection of scholarly work.



A resource speaker explains the fundamentals of copyright during the Intellectual Property and Research Output Seminar, guiding faculty on how to legally protect their scholarly and creative works. This session strengthens the institution's compliance with accreditation standards by ensuring that all research outputs, instructional materials, and academic publications are properly safeguarded under intellectual property laws.



"The IPR Seminar on May 5, 2025 empowered CME faculty with the skills to protect and properly document their scholarly works—advancing the College's compliance with AACUP standards on research productivity and intellectual property."



“A certificate of appreciation is awarded to the resource speaker, recognizing his vital role in strengthening CME’s capability to produce ethical, well-documented, and accreditation-ready research outputs.”



CME faculty members and seminar participants pose with the resource speaker during the Intellectual Property and Research Output Seminar, highlighting the institution’s commitment to protecting scholarly work through proper copyright processes. This activity reinforces accreditation standards by ensuring that all research outputs, instructional materials, and academic publications are legally safeguarded, ethically produced, and fully compliant with intellectual property regulations.



Republic of the Philippines
ZAMBOANGA STATE COLLEGE OF MARINE SCIENCES AND TECHNOLOGY

Fort Pinar, Zamboanga City
Tel No. (082) 591-0643 Telefax (082) 591-0777
website: <http://www.zscmst.edu.ph>



COLLEGE OF MARITIME EDUCATION

ATTENDANCESHEET

ACTIVITY: WORKSHOP ON INSTRUCTIONAL MATERIALS FOR COPYRIGHT AND UTILITY

MODELS

VENUE : Atom Lab Room

DATE : MAY 20, 2025

NO.	NAME	GENDER		OFFICE/AGENCY/ BARANGAY/SCHOOL	CONTACT NUMBER	SIGNATURE
		M	F			
1.	Arillas, Ray J	✓		CPME/KPU	0945 530921	
2.	Reyes, Christian Y.	✓		CME/FACULTY	0906829022	
3.	Barrera, Mervin A	✓		CME/Faculty	0521209800	
4.	Peñaflo, Eustace	✓		CME/Faculty	0927752925	
5.	Naray, Edwin R	✓		CME/Faculty	0905153056	
6.	YARIBO, LINDSAY L.		✓	CME	0905389233	
7.	SAUND, ELMAR E	✓		CME	09159244405	
8.	PARRILO, B. R	✓		CME	091662536265	
9.	QUIHOT, RICARDO A	✓		CME		
10.	Jarua Alana	✓		CME	09789971081	
11.	Lorna Tan		✓	CME/Faculty		
12.	Alana Alvar	✓		CME		
13.	Samuel B. Magana	✓		CME	0924 2514053	
14.	YUSU O. LORRA		✓	CME	09156844247	
15.	ROSELYN F. PARASO	✓		CME	09167783897	
16.	STON, GABRIEL S.	✓		CME - JACK	0915 446 1441	
17.	RODILLO Y. TAYLOR	✓		CME	09256669120	
18.	Arayas, Brad	✓		CME	0916362747	
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MA. HANVELI C. ESPINOSA
SECRETARIAT



Republic of the Philippines
ZAMBOANGA STATE COLLEGE OF MARINE SCIENCES AND TECHNOLOGY
Fort Pilar, Zamboanga City

Tel No.: (062) 992-3092 Telefax : (062) 991-0777 website: <http://www.zscmst.edu.ph>

COLLEGE OF MARITIME EDUCATION

May 14, 2025

**To: Presidents, Deans, and Research Coordinators
Public and Private Maritime Higher Education Institutions (MHEIs)
Philippines**

Subject: *Invitation to Participate in the Intellectual Property and Research Output Seminar*

Dear Maritime Education Leaders,

Greetings of peace and academic excellence!

The Zamboanga State College of Marine Sciences and Technology (ZSCMST) through its College of Maritime Education (CME), cordially invites your esteemed institution to participate in a one-day **Intellectual Property and Research Output Seminar** with the theme **"Designing and Writing a Research Proposal"** to be held on **May 20, 2025**, at the ZSCMST Octagon Hall, Zamboanga City.

This capacity-building seminar is designed to strengthen the research culture within maritime programs, improve faculty competencies in instructional material development, and enhance compliance with intellectual property protection and accreditation standards.

This initiative is aligned with the goals of **CHEDRO Memorandum No. 132, series of 2023**, which emphasizes the importance of academic collaboration, resource sharing, and capacity development across both State Universities and Colleges (SUCs) and private maritime institutions. Your institution's participation in this event will help promote inter-MHEI collaboration and strengthen the nation's maritime research and innovation agenda.

Seminar Details

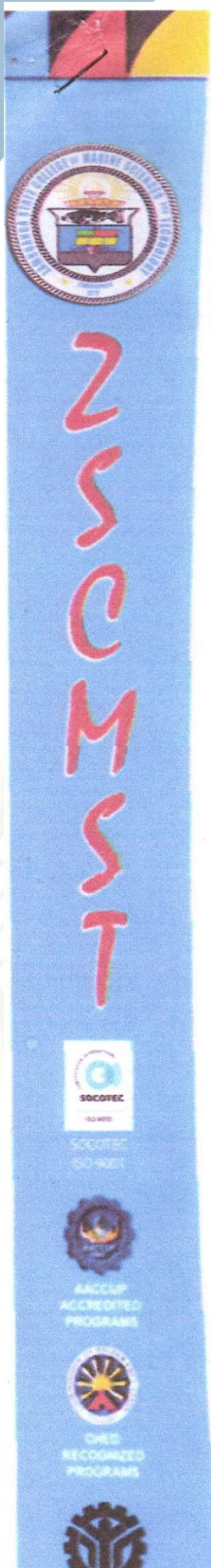
- **Title:** *Intellectual Property and Research Output Seminar*
- **Theme:** *"Designing and Writing a Research Proposal"*
- **Date:** *May 20, 2025 (Tuesday)*
- **Venue:** *Octagon Hall, ZSCMST, Zamboanga City*
- **Resource Speaker:** *Mr. Ray Arcillas, PFT, Ch.E.*
- **Office-in-Charge:** *Knowledge Transfer and Technology Protection Unit, ZSCMST*
- **Participants:** *Faculty members of maritime programs (public and private)*

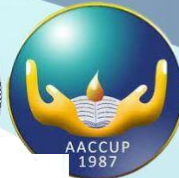
Objectives:

- To train maritime faculty in documenting and registering instructional materials for **copyright** and **utility model** applications.
- To provide hands-on guidance in designing research proposals aligned with institutional and CHED research priorities.
- To support faculty in producing quality academic outputs for **program accreditation**, **intellectual property**, and **curriculum enhancement**.



Zamboanga Peninsula
Polytechnic State University
RT Lim Blvd, Baliwasan, Zamboanga City





Republic of the Philippines
ZAMBOANGA STATE COLLEGE OF MARINE SCIENCES AND TECHNOLOGY
Fort Pilar, Zamboanga City

Tel No: (062) 992-3092 Telefax: (062) 991-0777 website: <http://www.zscmst.edu.ph>

COLLEGE OF MARITIME EDUCATION

Registration Details:

To cover seminar kits, materials, meals, and documentation, a registration fee of **₱500.00 per participant** will be collected on-site. Official receipts and certificates of participation will be **issued**. Slots are **limited**, and pre-registration is **required** to ensure logistical arrangements.

Dr. Quirino T. Agang Jr.

Research Focal Person, CME – ZSCMST

Mobile: 0967-985-6141 | Email: agangrhino21369@gmail.com

and/or

Capt. Gamebal S. Sajon

Research Coordinator, CME – ZSCMST

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Let us collectively empower our faculty and elevate the standard of maritime education and research across institutions.

Respectfully yours,

Capt. Marnette M. Ajit, MATMY

Dean, College of Maritime Education

Zamboanga State College of Marine Sciences and Technology

Noted by:

Dr. Rachel D. Lauriaga

Vice President for Academic Affairs

ZSCMST

Approved by:

Dr. Roy Lim Valesco

President

Zamboanga State College of Marine Sciences and Technology



ZSCMST



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PROGRAMS



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PROGRAMS





ACKNOWLEDGEMENT

OUR PROFOUND GRATITUDE TO ALL THOSE WHO GAVE THEIR BEST
FOR THE SUCCESS OF THE EVENT

DR. ROY LIM VALESCO
PRESIDENT, ZSCMST

DR. RACHEL D. LAURIAGA
VPAA, ZSCMST
ALVIN C. REYES
VPAF, ZSCMST

DR. MAILA PAN
VPRIE, ZSCMST

CAPT. MARNETTE M. APIT
COLLEGE DEAN, CME

MR. RAY ARCILLAS, PFT, Ch.E.
GUEST SPEAKER

CAPT. GAMEBAL S. SALON
DR. QUIRINO T. AGANG JR.
2/M MORRIS BANUA
ORGANIZERS



MEPPFI
SPECIAL THANKS



REPUBLIC OF THE PHILIPPINES
**ZAMBOANGA STATE COLLEGE OF MARINE
SCIENCES AND TECHNOLOGY**
COLLEGE OF MARITIME EDUCATION

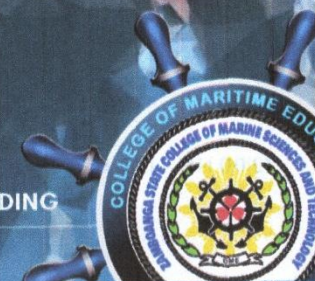
WORKSHOP ON INTELLECTUAL PROPERTY & COPYRIGHTING OF INSTRUCTIONAL MATERIALS

PROGRAM FLOW

**ZSCMST & ZPPSU CME
FACULTY**

ROOM CL6
CHEM LABORATORY BUILDING

MAY 20, 2025





PROGRAM FLOW

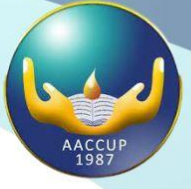
FOCUS: EMPOWERING MARITIME EDUCATORS THROUGH IP AWARENESS AND INNOVATION

TIME	ACTIVITY / FACILITATOR
8:00 AM-8:30 AM	REGISTRATION SECRETARIAT
8:30 AM – 9:00 AM	OPENING PROGRAM PROGRAM HOST / CME DEAN
9:00 AM – 10:15 AM	UNDERSTANDING COPYRIGHTS AND OTHER INTELLECTUAL PROPERTIES (IPS) MR. RAY ARCILLAS
10:15 AM – 10:30 AM	MORNING BREAK
10:30 AM – 12:00 NN	OVERVIEW OF ZSCMST INTELLECTUAL PROPERTY POLICY MR. RAY ARCILLAS
12:00 NN – 1:00 PM	LUNCH BREAK

PROGRAM FLOW

FOCUS: EMPOWERING MARITIME EDUCATORS THROUGH IP AWARENESS AND INNOVATION

TIME	ACTIVITY / FACILITATOR
1:00 PM – 2:30 PM	REGISTRATION PROCESS OF COPYRIGHT AND OTHER IPS MR. RAY ARCILLAS
2:30 PM – 3:30 PM	WORKSHOP ACTIVITY PARTICIPANTS (GUIDED BY MR. RAY ARCILLAS)
3:30 PM-4:00 PM	PRESENTATION AND FEEDBACK SELECTED PARTICIPANTS / MR. RAY ARCILLAS
4:00 PM – 4:30 PM	SYNTHESIS AND CLOSING MR. RAY ARCILLAS/ CME DEAN
4:30 PM – 5:00 PM	AWARDING / GROUP PHOTO ORGANIZERS



AACCUP Requirement No. 4

Narrative Report on the Students' Seminar on Intellectual Property Rights (IPR)

College of Maritime Education (CME)
Zamboanga State College of Marine Sciences and Technology (ZSCMST)

To promote academic integrity, innovation, and research awareness among students, the College of Maritime Education held a **Students' Seminar on Intellectual Property Rights (IPR)** on **October 22, 2025** at the Octagon Hall, ZSCMST Main Campus, Fort Pilar, Zamboanga City.

The seminar aimed to help maritime students understand the importance of IPR in research, innovation, and module development, and to remind them of their ethical and legal responsibilities when producing original work.

Resource speakers with expertise in law, research, and intellectual property discussed copyright, patents, trademarks, and utility models, and their relevance to academic and professional practice in the maritime field. Students were oriented on the processes of IP registration through **IPOPHL** and on institutional policies that support intellectual property protection.

Interactive discussions and open forums enabled students to clarify questions about authorship, co-creation, and ownership of academic projects. The activity was attended by students from **BSMarE** and **BSMT**, along with selected faculty and research coordinators, and was organized by the CME Research Committee in coordination with **OSAS** and the **Institutional Research and Development Office (IRDO)**.

The seminar concluded with an emphasis on ethical scholarship, innovation, and respect for intellectual property as core values of maritime professionals. Participants found the activity timely and beneficial in preparing them for research and academic work.

This initiative supports AACCUP standards on **research and extension**, and contributes to building a community of learners who value originality, uphold ethical conduct, and contribute meaningfully to maritime education and industry innovation.



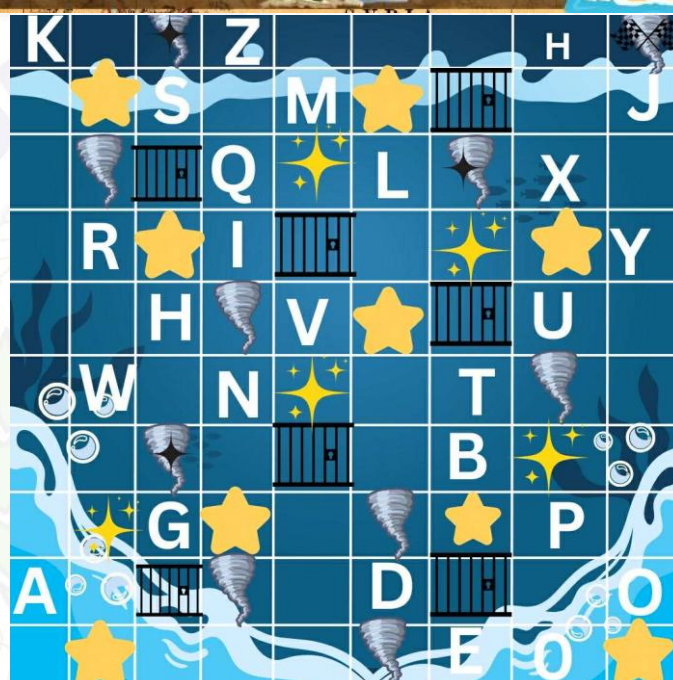
Maritime students attentively participate in the Students' Seminar on Intellectual Property Rights (IPR), gaining essential knowledge on copyright, authorship, and the ethical use of academic materials. This activity supports accreditation standards by promoting responsible scholarship and ensuring students understand how to properly protect and value their research outputs and creative works.



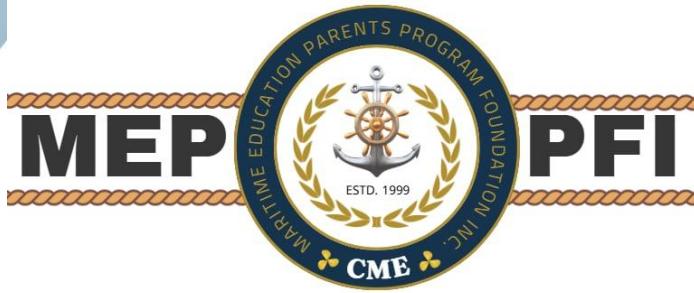
A resource speaker is formally recognized during the Students' Seminar on Intellectual Property Rights (IPR), an activity designed to educate maritime students on protecting their academic and creative works. This seminar strengthens the institution's compliance with accreditation standards by promoting awareness of copyright, ethical scholarship, and the legal responsibilities involved in producing original research and instructional materials.



A maritime student showcases his creative output during the Students' Seminar on Intellectual Property Rights (IPR), demonstrating practical understanding of authorship, originality, and copyright protection. This activity reinforces the institution's commitment to fostering responsible scholarship and ensuring students are equipped to produce and safeguard their own intellectual and research outputs in accordance with accreditation standards.



The College of Maritime Education conducted a transformative **Students' Intellectual Property Rights (IPR) Seminar**, equipping learners with essential knowledge on copyright, patents, and utility models while instilling a deep appreciation for academic integrity and innovation. Applying these principles, students created **original educational board games**—including “*Conquer the Unknown*” and other maritime-themed strategy games—that showcased exceptional creativity, problem-solving skills, and the ability to convert complex concepts into engaging instructional tools. These outputs reflected not only strong artistic design and critical thinking but also a clear understanding of the value of protecting one’s intellectual creations, with several projects showing potential for future copyright or utility model registration. This integrated activity demonstrates CME’s commitment to cultivating ethical scholarship, innovation, and high-quality student work, strongly aligning with **AACUP standards on research culture, instructional material development, and intellectual property awareness**.

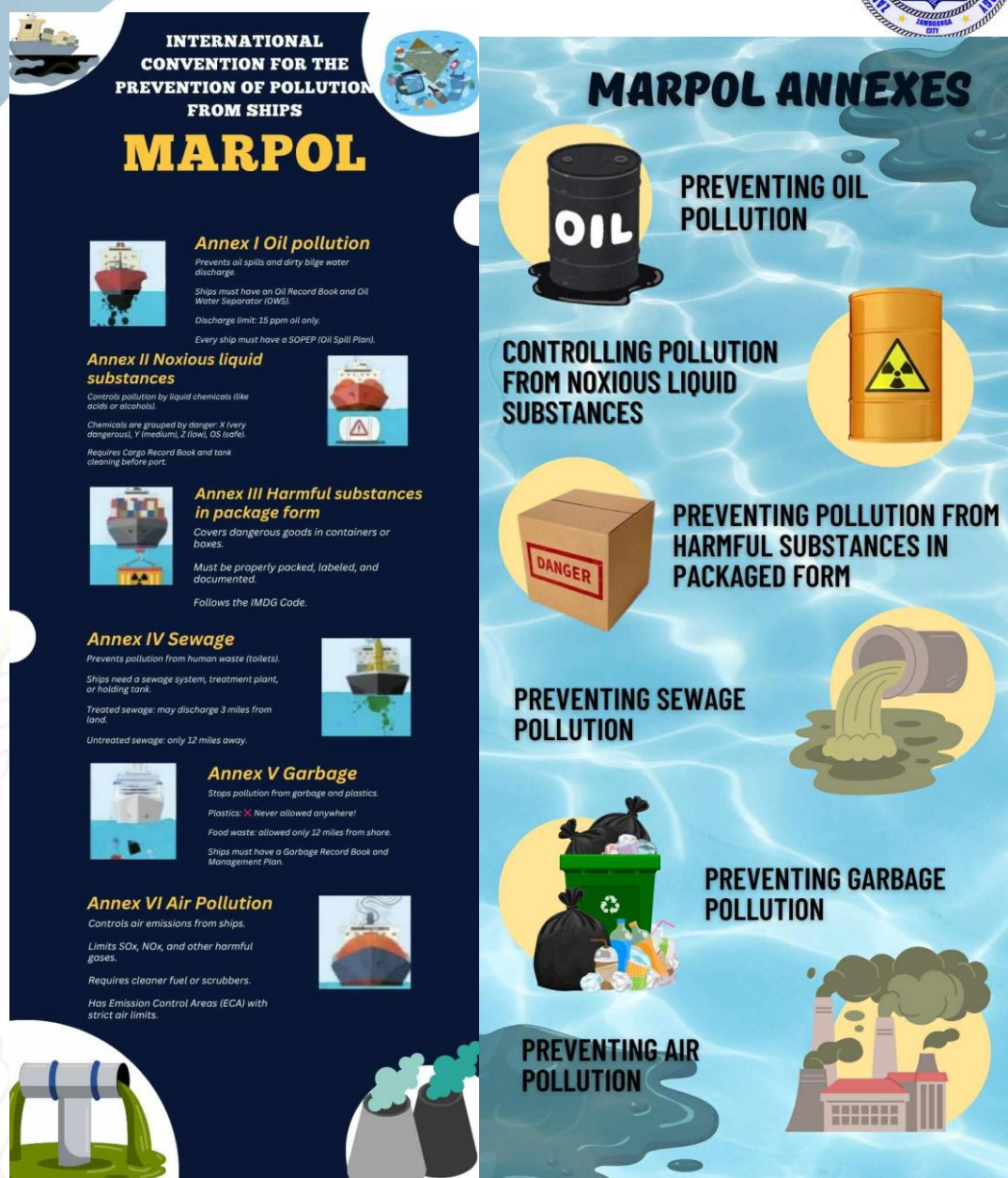


BALILING
DELANO
FRANCISCO
JOLO
SAAVEDRA

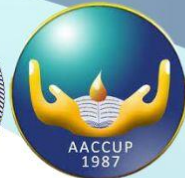


Baid
Junawan
Jungco
Taola































The College of Maritime Education conducted a highly engaging **Intellectual Property Rights (IPR) Seminar** that deepened students' understanding of copyright, trademarks, patents, and their responsibilities as creators of original academic and artistic works. To apply their learning, students designed **official logo concepts for the Maritime Education Parents Program Foundation, Inc. (MEPPFI)**, producing visually compelling outputs that showcased strong maritime symbolism, branding awareness, and thoughtful interpretation of MEPPFI's mission. Their presentations demonstrated not only creativity and technical skill but also a clear appreciation of originality, proper attribution, and intellectual property protection. This integrated activity reflects CME's commitment to cultivating ethical scholarship, innovation, and high-level creative competencies—an effort that strongly aligns with **AACCUP standards on research culture, student development, and quality instructional enhancement.**



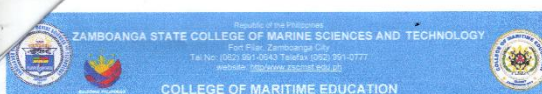
The College of Maritime Education conducted a transformative **Intellectual Property Rights (IPR) Seminar** that empowered maritime students with essential knowledge on copyright, authorship, and ethical creation of academic works. Applying these principles, students produced **original infographics**—including detailed visual summaries of MARPOL Annexes—that demonstrated their ability to convert complex maritime regulations into clear, accurate, and visually compelling learning materials. These outputs reflect not only creativity and technical skill but also a strong awareness of intellectual property protection, with several works showing potential for future copyright filing. This initiative highlights CME’s commitment to fostering innovation, academic integrity, and high-level student competencies, significantly strengthening its alignment with **AACCUP standards on research, instructional materials development, and quality assurance**.



Activity: INTELLECTUAL PROPERTY RIGHTS TRAINING/WORKSHOP
Venue : AUDIO VISUAL ROOM
Date : OCTOBER 22, 2025 AM

NO.	NAME	Gender	YEAR/SECTION	Contact Number	SIGNATURE
		M	F		
31.	MUSKAN SUBARNO ANDRE		BSME I - A	0911-3525240	
32.	ARIELA, JAYUS		BSME I - A	0913-1373-9579	
33.	ANDREW JOHN MICHAEL T.		BSME II - A	0908-29255379	
34.	YUJUNO, RICHARD MILES A		BSME II - A	0906-8659566	
35.	GUZMANO, JONARD RANE		BUMS III - A	0908100516	
36.	NARINTRA, VICTORIANO		BSME III - ID	090857942118	
37.	MEMOROSA, KEVIN WARD D.		BSME III - A	090686630066	
38.	MAHER, RAUL O.		BSME III - B	090559669509	
39.	ESPINOZA, WELF MARILO A.		BSMT III - A	090689267001	
40.	WILLAMOR, JERRY NORMAN D.		BSMT III - A	09087079712	
41.	ALIBARA, KARLIE ARDRILO		BSMT III - A	091567290369	
42.	LUGONTO, RAUL JOSE DC.		BSME III - A	09105500059	
43.	ARABLOS, CESAR ARABLO		BSMT III - A	090197219163	
44.	LEGASPI, JUSTIN PETER C.		BSMT III - B	090247153400	
45.	SANMOS, LESTER R.		BSMT III - A	091367300369	
46.	TUGAWAN, PETER MILES A		BSMT III - A	09093326012	
47.	FALACIOS, EZEKIEL ISMA R.		BSMT III - A	09135604067	
48.	PACER, VANDERSON U.		BSMT III - A	09185808215	
49.	DICOT, JOSE VANDERSON C.		BSMT III - A	09057907007	
50.	BANUELOS, LEMUEL III R.		BSMT III - A	09148746728	
51.	VALDE, JOSE RUPERTO B.		BSMT III - A	090497262082	
52.	GOZALES, JOHNNIE C.		BSMT III - B	09035760003	
53.	PEREZ DAVIN D.		BSME I - A	09149616149	
54.	YAMINIS, RICHIE MUEL P.T.		BSMT I - B	09050004993	
55.	LUPANA, ALLEN R.		BSME I - A	090490601172	
56.	CAWEDERA, JENNIFER A.		BSMT II - A	09132373999	
57.	SABIDO, SHILOH GUYO NORMAN C.		BSME III - A	09058003929	
58.	JAPELLO, PHILIP PABLO R.		BSME II - A	09052903929	
59.	AGUI, ESCOBAR LAROC		BSMT III - A	090361290912	
60.	RAYMUNTE, MERRY CANT		BSMT III - A		

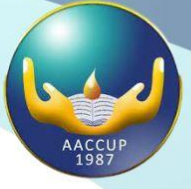
MA. HANNEKE ESPINOSA
SECRETARIAT



Activity: INTELLECTUAL PROPERTY RIGHTS TRAINING WORKSHOP
Venue : AUDIO VISUAL ROOM
Date : OCTOBER 22, 2025

NO.	NAME	Gender		YEAR/SECTION	Contact Number	SIGNATURE
		M	F			
31.	QUISADO, EDUARDO WARE			BPM II - B	09491942515	<i>[Signature]</i>
32.	MARTINEZ, STEPHANIE D.			BPM II - B	0967232.HIT	<i>[Signature]</i>
33.	MENDOZA, BRUNILLA D.			BPM II - B	09314030066	<i>[Signature]</i>
34.	MURRAY, IRENE O.			BPM II - B	09335865949	<i>[Signature]</i>
35.	NIJERA, JEROME PHOTO			BPM II - E - A	09670155310	<i>[Signature]</i>
36.	OLIVERA, REBECCA JONES			BPM II - E - A	09450758310	<i>[Signature]</i>
37.	PILOLA, AROBASTIAN WANG			BPM II - A	093576111356	<i>[Signature]</i>
38.	ROED, DAVIDA JEE, R.			BPM II - A	094707456331	<i>[Signature]</i>
39.	ROJAS, MARILYN			BPM II - A	09355683792	<i>[Signature]</i>
40.	SANEDORA, MARICELA			BPM II - A	0933365477	<i>[Signature]</i>
41.	TEJO, STEPHANIE H.			BPM II - A	093241943963	<i>[Signature]</i>
42.	TERANILLO, ARIEL A.			BPM II - A	094449377010	<i>[Signature]</i>
43.	DELANO, ALEX JOHN A.			BPM II - A	096030255598	<i>[Signature]</i>
44.	RYAN, CHRISTOPHER J.			BPM II - A	09393329101	<i>[Signature]</i>
45.	SWAN, CARMELO GABRIEL			BPM II - A	09770655101	<i>[Signature]</i>
46.	GUERRA, KENNETH G.			BPM II - A	090616139703	<i>[Signature]</i>
47.	WONG, RICH VENT F.			BPM II - A	094930729498	<i>[Signature]</i>
48.	BAUNING, CAREN THOM G.			BPM II - A	09255655585	<i>[Signature]</i>
49.	LAURENCE, JAYLON G.			BPM II - A	093363134936	<i>[Signature]</i>
50.	JOHN, CLAYTON CLARK B.			BPM II - A	0907061391	<i>[Signature]</i>
51.	CANILLO, DAVID B.			BPM II - A	090970474109	<i>[Signature]</i>
52.	TRINIDAD, E. ROBIN C.			BPM II - A	090949003210	<i>[Signature]</i>
53.	PIRAC, JIMMAR S.			BPM II - A	090780017850	<i>[Signature]</i>
54.	BALENTIN, JOHN MICHAEL I.			BPM II - A	090873235531	<i>[Signature]</i>
55.	CHACABAN, J.			BPM II - A	09066758666	<i>[Signature]</i>
56.	DIAMANTON, ASHLEY S.			BPM II - A	090761122423	<i>[Signature]</i>
57.	SABIDO, ALPHR PRA L.			BPM II - A	09652942102	<i>[Signature]</i>
58.	AMORIN, KYLE MICHAEL			BPM II - A	090804095473	<i>[Signature]</i>
59.	DEANOS, ET ENEL GON			BPM II - A	09326434612	<i>[Signature]</i>
60.						

MA. HANNELI C. ESPINOSA



AACCUP Requirement No. 4

Narrative Report on the Students' Research Training and Workshop

College of Maritime Education (CME) Zamboanga State College of Marine Sciences and Technology (ZSCMST)

To further strengthen student research capability, the College of Maritime Education conducted a **Students' Research Training and Workshop** on **October 23–24, 2025** at the Octagon Hall, ZSCMST Main Campus, Fort Pilar, Zamboanga City.

The two-day activity aimed to build the research competence, critical thinking, and technical writing skills of **BSMarE** and **BSMT** students and to align their research practices with institutional objectives, national research priorities, and **AACCUP** standards.

Through interactive lectures, hands-on workshops, and mentoring, students were guided in research conceptualization, formulation of problems and objectives, development of theoretical and conceptual frameworks, data gathering methods, ethical considerations, and proper proposal formatting. They were also introduced to research tools, data presentation techniques, and basic statistical treatment relevant to maritime studies.

Under the guidance of faculty mentors, students developed preliminary research proposals and received individualized feedback. Peer review sessions encouraged them to share ideas and gain confidence in presenting their outputs.

The workshop underscored the importance of academic integrity, originality, and ethical research practice, while highlighting research as a vital component in maritime education—bridging theory and practice and addressing real-world challenges. The activity concluded with proposal presentations and the awarding of certificates of participation to students and mentors.

Overall, the Students' Research Training and Workshop effectively fostered a research-oriented mindset among maritime students and supported CME's commitment to **AACCUP standards, academic quality assurance, innovation, and holistic learner development.**



Maritime students solemnly begin the Students' Research Training and Workshop with a moment of reflection, demonstrating discipline, focus, and readiness to engage in scholarly learning. This practice reinforces the institution's commitment to fostering a respectful and academically driven environment as students develop essential research skills required for accreditation and professional growth.



A resource speaker delivers an engaging discussion during the Students' Research Training and Workshop, equipping maritime students with essential skills in research writing, proposal development, and ethical academic practices. This session strengthens the institution's compliance with accreditation standards by fostering research readiness and promoting a culture of scholarly excellence among student-researchers.



Activity: RESEARCH WRITING TRAINING/WORKSHOP
Venue: AUDIO VISUAL ROOM
Date: OCTOBER 23, 2025

NO.	NAME	Gender M F	YEAR/SECTION	Contact Number	SIGNATURE
1.	JOSE, MARCO JAMES	✓	BSME III-A	0952491924	
2.	JUAN, SAUL GILM WILSON G.	✓	BSME III-A	0952491924	
3.	MARTIN, GABRIEL ANDRE	✓	BSME I-A	0952491924	
4.	REGAL, RYAN B.	✓	BSME I-A	0952491924	
5.	DELANO, ALEX JOHN A.	✓	BSMT II-A	0952491924	
6.	FRANCISCO, ANDREYA	✓	BSMT II-A	0952491924	
7.	JUANMAN, JEROME JAMES A.	✓	BSMT II-A	0952491924	
8.	OLIVA, CHRISTIAN JAY T.	✓	BSMT II-A	0952491924	
9.	TEJO, STEPHANIE M.	✓	BSMT II-A	0952491924	
10.	POPE, MARICELA	✓	BSMT II-A	0952491924	
11.	RICAN, CADARLO ORABE B.	✓	BSMT II-A	0952491924	
12.	CHOCO, RO VONZ F.	✓	BSMT II-A	0952491924	
13.	BAID, BELTRAN JR. N.	✓	BSMT II-A	0952491924	
14.	CUERPA, KENNETH G.	✓	BSMT II-A	0952491924	
15.	BARONETA, MARY ROSE	✓	BSMT II-A	0952491924	
16.	JAMES, DANIEL JOHN F.	✓	BSMT II-A	0952491924	
17.	JOY, JAYMATHAN L. JR.	✓	BSMT II-A	0952491924	
18.	TUJANAN, PETER MILES A.	✓	BSMT II-A	0952491924	
19.	ESPINOZA, GREG MILES B.	✓	BSMT II-A	0952491924	
20.	RIE, HUMPHREY LEO CAR F.	✓	BSMT II-A	0952491924	
21.	ALBERT, RYAN E.	✓	BSMT II-A	0952491924	
22.	JUANCO, JEREMY ALBERT T.	✓	BSMT II-A	0952491924	
23.	SALVADOR, JOHN MICHAEL	✓	BSMT II-A	0952491924	
24.	CUIS, CLEVIN CLARK F.	✓	BSMT II-A	0952491924	
25.	CAVANAUGH, JAYAN C.	✓	BSMT II-A	0952491924	
26.	ALBUQUERQUE, KARLUS ALBERTO	✓	BSMT II-A	0952491924	
27.	ANGELUS, JUSTIN ARLEN	✓	BSMT II-A	0952491924	
28.	NICOLAS, JUSTIN PETER	✓	BSMT II-A	0952491924	
29.	ENRIQUETA, JERON C.	✓	BSMT II-A	0952491924	
30.	CABRERO, RAFAEL B.	✓	BSMT II-A	0952491924	

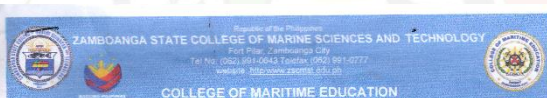
MA. HANNELLE C. ESPINOSA
SECRETARIAT



Activity: RESEARCH WRITING TRAINING/WORKSHOP
Venue: AUDIO VISUAL ROOM
Date: OCTOBER 23, 2025

NO.	NAME	Gender M F	YEAR/SECTION	Contact Number	SIGNATURE
31.	AMAZON, RONDEL C.	✓	BSMT II-A	0952491924	
32.	DUCIT, JADE BARNEY C.	✓	BSMT II-A	0952491924	
33.	VALLER, JOHN RYAN B.	✓	BSMT II-A	0952491924	
34.	BACA, MARQUEL JOHN D.	✓	BSMT II-A	0952491924	
35.	VITANABO, ANJUR S.	✓	BSMT II-A	0952491924	
36.	BOURNE, MARYKEE B.	✓	BSMT II-A	0952491924	
37.	MARTIN, GABRIEL ANDRE	✓	BSMT II-A	0952491924	
38.	ALBUQUERQUE, MARCELO A.	✓	BSMT II-A	0952491924	
39.	PATE, JIMMY S.	✓	BSMT II-A	0952491924	
40.	TAOLA, ABIGAIL VANG C.	✓	BSMT II-A	0952491924	
41.	PANCHALA, LEONEL C.	✓	BSMT II-A	0952491924	
42.	ASO, ECKEL MARE	✓	BSMT II-A	0952491924	
43.	TUGANAN, PETER MILES	✓	BSMT II-A	0952491924	
44.	ESPINOZA, GREG MILES	✓	BSMT II-A	0952491924	
45.	BOURNE, MARYKEE B.	✓	BSMT II-A	0952491924	
46.	BOURNE, MARYKEE B.	✓	BSMT II-A	0952491924	
47.	BOURNE, MARYKEE B.	✓	BSMT II-A	0952491924	
48.	BOURNE, MARYKEE B.	✓	BSMT II-A	0952491924	
49.	BOURNE, MARYKEE B.	✓	BSMT II-A	0952491924	
50.	BOURNE, MARYKEE B.	✓	BSMT II-A	0952491924	
51.	BOURNE, MARYKEE B.	✓	BSMT II-A	0952491924	
52.	BOURNE, MARYKEE B.	✓	BSMT II-A	0952491924	
53.	BOURNE, MARYKEE B.	✓	BSMT II-A	0952491924	
54.	BOURNE, MARYKEE B.	✓	BSMT II-A	0952491924	
55.	BOURNE, MARYKEE B.	✓	BSMT II-A	0952491924	
56.	BOURNE, MARYKEE B.	✓	BSMT II-A	0952491924	
57.	BOURNE, MARYKEE B.	✓	BSMT II-A	0952491924	
58.	BOURNE, MARYKEE B.	✓	BSMT II-A	0952491924	
59.	BOURNE, MARYKEE B.	✓	BSMT II-A	0952491924	
60.	BOURNE, MARYKEE B.	✓	BSMT II-A	0952491924	

MA. HANNELLE C. ESPINOSA
SECRETARIAT



ATTENDANCESHEET

Activity: RESEARCH WRITING TRAINING/WORKSHOP
Venue: AUDIO VISUAL ROOM
Date: OCTOBER 23, 2025

NO.	NAME	Gender M F	YEAR/SECTION	Contact Number	SIGNATURE
1.	JOSE, MARCO JAMES	✓	BSMT II-A	0952491924	
2.	TEJERA, MILES CHRISTOPHER	✓	BSMT II-A	0952491924	
3.	TUJANAN, PETER MILES A.	✓	BSMT II-A	0952491924	
4.	BOURNE, MARYKEE B.	✓	BSMT II-A	0952491924	
5.	BAID, BELTRAN JR. N.	✓	BSMT II-A	0952491924	
6.	CUERPA, KENNETH G.	✓	BSMT II-A	0952491924	
7.	FRANCISCO, ANDREYA	✓	BSMT II-A	0952491924	
8.	BOURNE, MARYKEE B.	✓	BSMT II-A	0952491924	
9.	TEJO, STEPHANIE M.	✓	BSMT II-A	0952491924	
10.	JUANCO, JEREMY ALBERT T.	✓	BSMT II-A	0952491924	
11.	BOURNE, MARYKEE B.	✓	BSMT II-A	0952491924	
12.	PANCHALA, LEONEL C.	✓	BSMT II-A	0952491924	
13.	CHOCO, RO VONZ F.	✓	BSMT II-A	0952491924	
14.	BOURNE, MARYKEE B.	✓	BSMT II-A	0952491924	
15.	DELANO, ALEX JOHN A.	✓	BSMT II-A	0952491924	
16.	OLIVA, CHRISTIAN JAY T.	✓	BSMT II-A	0952491924	
17.	BOURNE, MARYKEE B.	✓	BSMT II-A	0952491924	
18.	SACRISTAN, JIMMY PETER T.	✓	BSMT II-A	0952491924	
19.	BOURNE, MARYKEE B.	✓	BSMT II-A	0952491924	
20.	CAVANAUGH, JAYAN C.	✓	BSMT II-A	0952491924	
21.	ALBUQUERQUE, KARLUS ALBERTO	✓	BSMT II-A	0952491924	
22.	PATE, JIMMY S.	✓	BSMT II-A	0952491924	
23.	BOURNE, MARYKEE B.	✓	BSMT II-A	0952491924	
24.	AMAZON, RONDEL C.	✓	BSMT II-A	0952491924	
25.	OSAS, CHRISTIAN M.	✓	BSMT II-A	0952491924	
26.	BOURNE, MARYKEE B.	✓	BSMT II-A	0952491924	
27.	BOURNE, MARYKEE B.	✓	BSMT II-A	0952491924	
28.	MENDIOLA, KRISTIAN LANE D.	✓	BSMT II-A	0952491924	
29.	MARTIN, GABRIEL ANDRE	✓	BSMT II-A	0952491924	
30.	BOURNE, MARYKEE B.	✓	BSMT II-A	0952491924	

MA. HANNELLE C. ESPINOSA
SECRETARIAT



ATTENDANCESHEET

Activity: RESEARCH WRITING TRAINING/WORKSHOP
Venue: AUDIO VISUAL ROOM
Date: OCTOBER 23, 2025

NO.	NAME	Gender M F	YEAR/SECTION	Contact Number	SIGNATURE
31.	BOURNE, MARYKEE B.	✓	BSMT II-A	0952491924	
32.	BOURNE, MARYKEE B.	✓	BSMT II-A	0952491924	
33.	TUJANAN, PETER MILES A.	✓	BSMT II-A	0952491924	
34.	TAOLA, ABIGAIL VANG C.	✓	BSMT II-A	0952491924	
35.	BOURNE, MARYKEE B.	✓	BSMT II-A	0952491924	
36.	CUIS, CLEVIN CLARK F.	✓	BSMT II-A	0952491924	
37.	DUCIT, JADE BARNEY C.	✓	BSMT II-A	0952491924	
38.	BOURNE, MARYKEE B.	✓	BSMT II-A	0952491924	
39.	JUAN, SAUL GILM WILSON G.	✓	BSMT II-A	0952491924	
40.	NICOLAS, JUSTIN PETER	✓	BSMT II-A	0952491924	
41.					
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MA. HANNELLE C. ESPINOSA
SECRETARIAT



AACCUP Requirement No. 4

2. Apply all developed instructional materials for copyrights.

In response to AACCUP Recommendation No. 2, the College of Maritime Education (CME) has undertaken significant and sustained efforts to ensure that all developed instructional materials—whether modules, manuals, worktexts, multimedia lessons, or research-based learning tools—are formally applied for copyright protection through the Intellectual Property Office of the Philippines (IPOPHL). These efforts are intended to safeguard the originality and academic integrity of faculty-created materials while promoting a culture of responsible authorship and innovation within the institution.

To strengthen copyright compliance, CME faculty members actively participated in **Module Development and Copyrighting Workshops** and **Intellectual Property Rights (IPR) Seminars**, which provided comprehensive guidance on the processes, requirements, and benefits of securing copyright for instructional materials. Through these training programs, faculty gained technical knowledge on preparing descriptions, abstracts, claims, and drawings, enabling them to produce copyright-ready outputs aligned with legal standards.

The institution's commitment is further demonstrated by the **actual filing of copyright and patent applications**, such as the documented submission of the *Micro Power System Training Table and Its Functions* to IPOPHL. This serves as concrete evidence that faculty innovations and instructional materials are being systematically processed for intellectual property protection. Additionally, the revision and approval of the new Institutional IP Policy further streamline the procedures and encourage faculty to submit their instructional materials for copyrighting.

Overall, these initiatives reflect CME's strong compliance with AACCUP expectations, ensuring that instructional materials developed within the college are not only pedagogically sound but also legally protected. By institutionalizing copyright application practices, CME reinforces academic integrity, promotes innovation, and safeguards the scholarly contributions of its faculty.

ZSCMS
ZAMBOANGA CITY



INTELLECTUAL PROPERTY OFFICE OF THE PHILIPPINES

IP Center, 28 Upper McKinley Road, McKinley Hill Town Center,
Fort Bonifacio, Taguig City 1634 PHILIPPINES
T: +632-2386300 * F: +632-5539480 * www.ipophil.gov.ph

ARCILLAS, Ray J

Zamboanga State College of Marine Sciences and
Technology, Rio Hondo, Zamboanga City, 7000,
Zamboanga del Sur

Application No. : 12024050322

Reference Code : KWU05SU31UH2024BN9

Received Date : 31 May 2024

Applicant : Zamboanga State College of Marine
Sciences and Technology

Title : Micro Power System Training Table and Its
Functions

This is to acknowledge receipt of your payment for the above-identified application
on 11 June 2024.

The application shall be assigned an Application Number upon payment of the
required fees. However, the application will not be considered as a bona fide
application if there is failure to pay the required fees in full upon filing of the
application and will be deemed as failed application pursuant to Rule 401.1 of the
Revised Implementing Rules and Regulations for Patents, Utility Models and
Industrial Designs of 2022

This application shall be examined whether it satisfies the requirements for the grant
of date of filing pursuant to Section 40 of RA 8293 (IP Code of the Philippines). The
Office will send to the applicant(s) or his authorized representative or agent Office
Action(s) or Notice(s) to that effect.

If the applicant is non-resident, a mandatory appointment of resident agent will be
required pursuant to Rule 422 of the Revised IRR of 2022.


For queries, follow-up or submission of documents, regarding this application, the
applicant(s) is(are) required to indicate the APPLICATION NUMBER; FILING DATE
(OR RECEIVED DATE, if not Filing date); APPLICANT; TITLE; BUREAU; DIVISION;
and PERSONNEL-IN-CHARGE indicated in the latest communication or Action sent
by this Office. All communications or responses must be addressed only to THE
DIRECTOR OF PATENTS Intellectual Property Office, Intellectual Property Center,
#28 Upper McKinley Road, McKinley Town Center, Fort Bonifacio, Taguig City 1634,
Philippines.



INTELLECTUAL PROPERTY
OFFICE OF THE PHILIPPINES
INTELLECTUAL PROPERTY OFFICE OF THE PHILIPPINES
BUREAU OF PATENTS
Intellectual Property Center
No. 28 Upper McKinley Road,
McKinley Hill Town Center,
Fort Bonifacio, Taguig City
Tel. No. +632 7238-6300
Website: <http://www.ipophil.gov.ph>

ARCILLAS, Ray J
Fort Pilar, Barangay Zone IV, 7000,
Zamboanga City, Zamboanga Del Sur,
Philippines
arcillasray@gmail.com

Digitally Signed by IPO Philippines
15/09/2025
Marimar C. Lamban

IPAS FORM NO.		ED: 01.07.2023
IPAS AGENT CODE	1762	
DOCUMENT NO.	2025/73489	
IN-SERVICE E-MAIL ADDRESS	arcillasray@gmail.com	
MAILING DATE : [mailingdatehere]		

Application Type/No:	Invention 1/2024/050033	Filing Date:	12 January 2024 (12.01.2024)
Applicant:	ZAMBOANGA STATE COLLEGE OF MARINE SCIENCES AND TECHNOLOGY (PH)		
Title:	ARTIFICIAL REEF STRUCTURE		
Division:	Administrative		

NOTICE OF PUBLICATION

This application has been published in the Intellectual Property Office e-Gazette **VOL 28 NO 99** released on **8 September 2025**.

The full text of this published application can be retrieved from the Intellectual Property Digital Library (IPDL) of the Intellectual Property Office of the Philippines (IPOPHL). Please visit the IPOPHL Website at www.ipophil.gov.ph.

REMINDERS:

1. Request for substantive examination must be filed, together with the payment of the corresponding fee within six (6) months from the aforementioned date of release. Otherwise, this application shall be deemed withdrawn in accordance with section 48 of RA 8293.

Request for substantive examination fee: Small entity: Php 2,010.00 + 1% Legal research fund (LRF); Big Entity: Php 4,200.00 + 1% legal research fund (LRF).

In case the request for substantive examination together with the payment thereof have already been filed, the requirements stated above should be disregarded.

2. The first annual fee shall be due and payable on **8 September 2029**. The second and subsequent annual fees shall be due and payable on **8 September** of each year starting **2030**.

Payment may be made within three (3) months before the due date. The obligation to pay the annual fees shall terminate should the application be withdrawn, refused or cancelled. (Rule 1100 of the Revised IRR).

3. If an annual fee is not paid within the prescribed time, a notice of non-payment shall be published in the IPOPHL E-gazette. After the publication, the notice shall also be immediately mailed to the patent owner, applicant, or the resident agent. (Rule 1102 of the Revised IRR).

4. Within a grace period of six (6) months from the publication of the notice of non-payment in the IPOPHL E-gazette, the annual fee plus the prescribed surcharge for the delayed payment and the publication fee must be paid in full. Upon failure to pay the annual fees, surcharges, and the publication fee within the grace period, a notice that the application is deemed withdrawn or that the patent is considered lapsed as of the date following the expiration of the original period within which the annual fee was due shall be issued and published in the IPOPHL E-gazette and recorded in the appropriate register of the Office. (Rule 1102 of the Revised IRR).

Document No: 2025/73489



INTELLECTUAL PROPERTY OFFICE OF THE PHILIPPINES
IP Center, 28 Upper McKinley Road, McKinley Hill Town Center,
Fort Bonifacio, Taguig City 1634 PHILIPPINES
T: +632-2386300 * F: +632-5539480 * www.ipophil.gov.ph

REQUEST FOR GRANT OF A PHILIPPINE PATENT

Micro Power System Training Table and Its Functions

12024050322

eFiling Reference Code : KWU05SU31UH2024BN9

Received Date : 31 May 2024

APPLICANT(S)

Name : Zamboanga State College of Marine Sciences and Technology
Address : Rio Hondo, Zamboanga City, 7000, Zamboanga del Sur
Country : Philippines
eMail : tic_ipbm@zscmst.edu.ph

INVENTOR(S)

Name : CHIONG, Christalyn DR
Address : Zamboanga State College of Marine Sciences and Technology, Rio Hondo, Zamboanga City, 7000, Zamboanga del Sur
Country : Philippines

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Address : Baliwasan Grande, Zamboanga City, 7000, Zamboanga del Sur
Country : Philippines

Name : JAYSON, Ronilo Y
Address : Zamboanga State College of Marine Sciences and Technology, Rio Hondo, Zamboanga City, 7000, Zamboanga del Sur
Country : Philippines

AGENT/REPRESENTATIVE

Name : ARCILLAS, Ray J
Address : Zamboanga State College of Marine Sciences and Technology, Rio Hondo, Zamboanga City, 7000, Zamboanga del Sur
eMail : tic_ipbm@zscmst.edu.ph

PRIORITY CLAIM

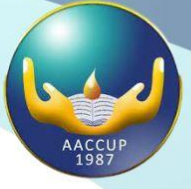
NONE

DOCUMENTS SUBMITTED

Description	: Micro Power System Training Table - Description.pdf
Claims	: Micro Power System Training Table - Claims.pdf
Abstract	: Micro Power System Training Table - Abstract.pdf
Drawing	: Micro Power System Training Table - Drawings.pdf

Page 2 of 2

The College of Maritime Education demonstrated its strong commitment to innovation and intellectual property protection through the successful filing of a **Philippine Patent Application** for the *Micro Power System Training Table and Its Functions* (eFiling Reference No. KWU05SU31UH2024BN9), submitted to the **Intellectual Property Office of the Philippines (IPOPHL)** on **31 May 2024**. Developed by faculty inventors **Christalyn Chiong, Sina A. Sahidiani, and Ronilo Y. Jayson**, this invention showcases CME's growing capacity to produce original, functional, and industry-relevant technologies that enhance maritime instruction and research. The comprehensive submission—including the device description, claims, abstract, and technical drawings—reflects a maturing research culture supported by proper documentation, ethical authorship, and adherence to national IPR standards. This milestone affirms CME's proactive stance in protecting faculty-generated innovations and aligns strongly with **AACCUP expectations on research productivity, technology development, and intellectual property utilization**.



AACCUP Requirement No. 4

4. Encourage more application of patents/ utility models for various research outputs of faculty and students.

In strong response to AACCUP Recommendation No. 4, the College of Maritime Education (CME) has significantly intensified its initiatives to promote innovation and support the formal protection of faculty and student research outputs through patent and utility model applications. Recognizing the importance of safeguarding institutional innovations and strengthening the college's research portfolio, CME implemented a series of targeted activities designed to capacitate researchers and streamline the patent application process.

One of the major accomplishments was the successful filing of a **Philippine patent application** for the research output titled "*Micro Power System Training Table and Its Functions*," submitted to the **Intellectual Property Office of the Philippines (IPOPHL)**. The application—complete with technical descriptions, claims, abstracts, and drawings—demonstrates the college's concrete adherence to AACCUP's directive and serves as a model for future faculty and student innovators. This official documentation provides clear evidence that ZSCMST is actively translating research into protected intellectual property.

To further ensure sustainability, CME facilitated **Intellectual Property Rights (IPR) seminars and workshops**, equipping faculty and students with the knowledge and skills needed to prepare patentable outputs. These capacity-building activities covered topics such as prior art search, drafting claims, identifying patentable features, and understanding IPOPHL requirements. Through these interventions, faculty researchers and student inventors became more confident in pursuing IP protection for their scholarly and technical deliverables.

Additionally, the recent **revision and institutional approval of the IPR Policy** strengthened the internal mechanisms for innovation support. The updated policy encourages invention disclosure, provides clearer procedures for patent filing, and recognizes the contributions of faculty and students in developing patent-worthy outputs.

Overall, CME's initiatives demonstrate a proactive and sustained commitment to fostering a research environment where innovation is recognized, protected, and encouraged. These actions collectively show that the college has fully addressed AACCUP Recommendation No. 4 by not only promoting patent and utility model applications but also establishing the institutional culture and structures necessary to support continuous innovation in maritime education and training.



ZSCMST submits a formal patent application for the “Micro Power System Training Table and Its Functions” to the Intellectual Property Office of the Philippines, demonstrating the institution’s active efforts to encourage and support faculty-led innovation. This official filing—complete with submitted claims, drawings, and technical descriptions—serves as concrete evidence of compliance with AACCUP’s recommendation to increase patent and utility model applications derived from institutional research outputs.





TECHNOLOGY TRANSFER PROTOCOL

"Plunging into a Sea of Innovation: Transforming Research into Progress"



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IV	Definition of Terms	<u>4</u>
V	Creation and Function of the Technology Transfer & Patent Unit	10
VI	Identification, Disclosure, & Protection of the Intellectual Property	12
VII	Technologies/Intellectual Property/ Intellectual Property Rights for Technology Transfer or Commercialization and Licensing	15
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XI	Revenue Sharing and Incentives	27
XII	General Provisions	29

SiyenSaya



(CME) College Of Maritime Education
(CFMS) College of Fisheries Marine Sciences

September 18-22, 2023 – September 23-31, 2023

INTELLECTUAL PROPERTY OFFICE OF THE PHILIPPINES

Name: Maila V. Pan

Email: tic_ipbm@zscmst.edu.ph

OR No: eOR2252457

Date : 6/11/2024 3:59:37 PM

Transaction ID : 416307318090 (548809*****3610)

Code	Fee Description	Unit	Amt	TOTAL	Remarks
P101	Filing Fee	1	2000.00	2000.00	12024050322 Micro Power System Traini
P105	For each claim in excess of five(5) in Invention	4	180.00	720.00	12024050322 Micro Power System Traini
P111	Publication Fee	1	920.00	920.00	12024050322 Micro Power System Traini
LRF	Legal Research Fund			36.40	
KWU05SU31UH2024BN9 Total				3,676.40	

In a vibrant convergence of maritime expertise and ecological advocacy, the College of Maritime Education (CME) is thrilled to announce an innovative collaboration with the College of Fisheries Marine Sciences (CFMS) for an inspiring SiyenSaya activity. Embracing the resonant theme of "Kapuluan, Kabuluhan, Kaunlaran," this collaborative endeavor is designed to ignite a passion for research and exploration among students while fostering a deeper understanding of the interconnectedness between maritime environments and community prosperity.



celebrates
**Maritime & Archipelagic
Nations Month**

Theme: "Kapuluhan, Kabuluhan, Kaunlaran"



60th Fish Conservation Week
Masaganang Pangisdaan, Maunlad na Ekonomiya
September 18-22

Sept 18 MON	BFAR's Slogan and Poster Making Contest
Sept 19 TUE	BFAR's Fish N Learn & Teach In
Sept 20 WED	FisHeArt (Art N Fisheries) RIE Gyotaku Fish Painting, Infograph Making and TechTalks
Sept 21 THU	FishTa (Skills Showcase) CPMS Program Products Research Proposal Help Desk
Sept 22 FRI	FishFun RIE Center Showcase and Contests (CRMC, FPRC, & FRC)
Sept 23 SAT	Coastal Clean-Up TechTalks (BFAR)



24th National Maritime Week
September 23-31

Sept 23 SAT	Coastal Clean-Up Kick Off Talk (MARINA)
Sept 24 SUN	MaLusag (Marinang Malusag) Sports Fest
Sept 25 MON	MarSay 1 (Marinong Mahusay) Quiz Bowl and Skills Competition Film Viewing
Sept 26 TUE	MarSay 2 (Marinong Mahusay) Slogan and Poster Making Contest Drills and Mack Exercises
Sept 27 WED	MarUnong (MarinongMadunong) Maritime Technology Talks Lab Tours
Sept 28 THU	MaLamang (Marinong may Lamang) Boat Building, Model Ship Racing, Engine assembly and Diagnostics Prototype Exhibits and Info Booths

ZSCMST's Marine and Maritime Research:
Embracing our Mandate and Serving our Call in the Region
September 29, Friday

Fun Run, Awarding, and Closing Program
September 30, Saturday

"Kapuluhan, Kabuluhan, Kaunlaran" serves as a poignant reminder of the intrinsic link between our island nation's natural abundance, socio-economic progress, and ecological resilience. Through a series of engaging activities and thought-provoking discussions, we seek to unravel the complexities of this theme and empower students to become catalysts for positive change in their communities.





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As we embark on this collaborative journey of discovery and empowerment, the College of Maritime Education and the College of Fisheries Marine Sciences invite students to join us in embracing the spirit of "Kapuluan, Kabuluhan, Kaunlaran." Together, let us chart a course towards a future where research excellence and community prosperity go hand in hand, guiding us towards a brighter and more sustainable tomorrow.



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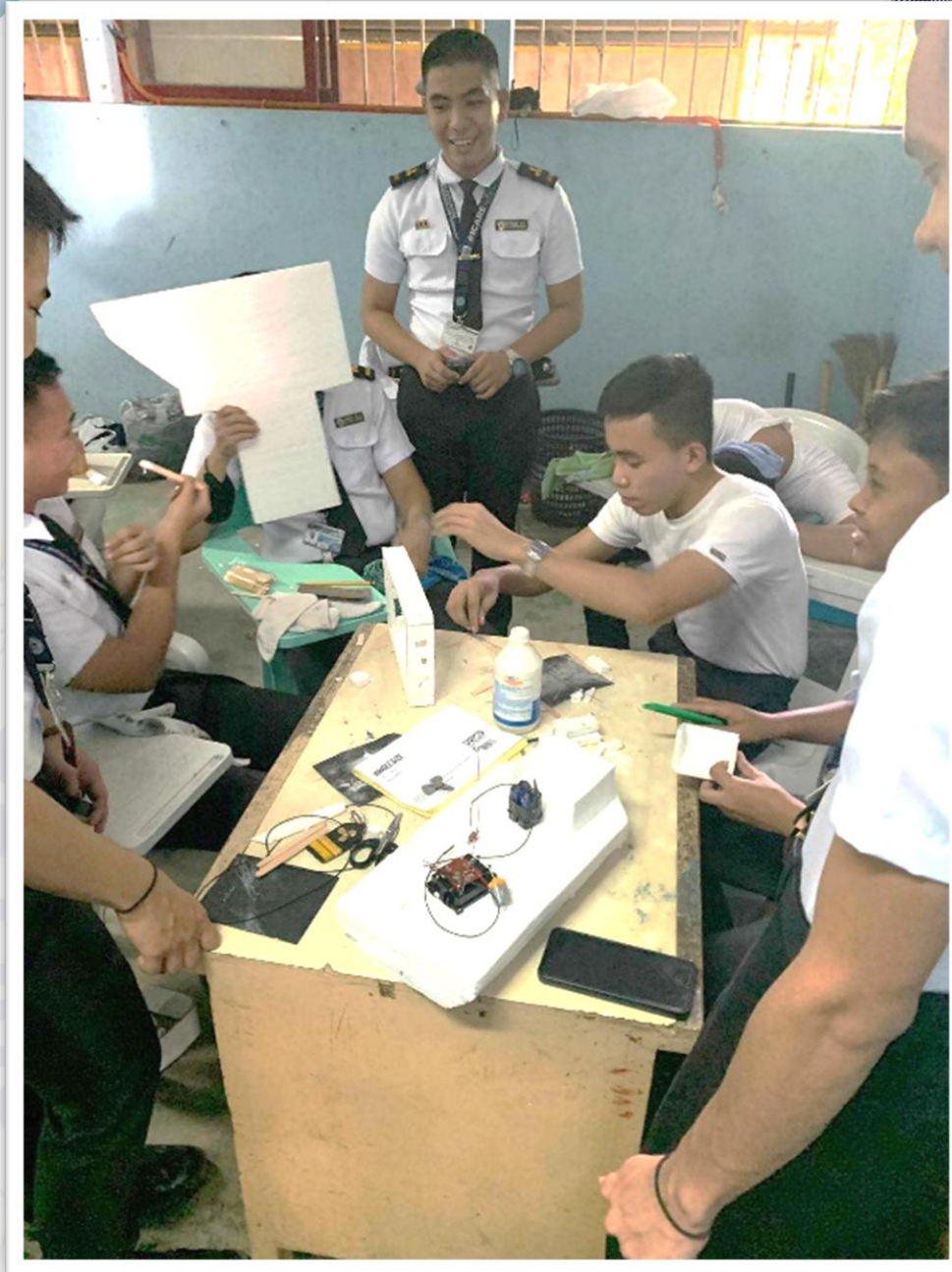
At the heart of our collaboration lies a shared commitment to nurturing a culture of inquiry and academic excellence among students. Through mentorship programs, research symposiums, and hands-on fieldwork opportunities, CME and CFMS will provide students with the tools and resources they need to embark on meaningful research projects that address pressing issues facing our coastal ecosystems.



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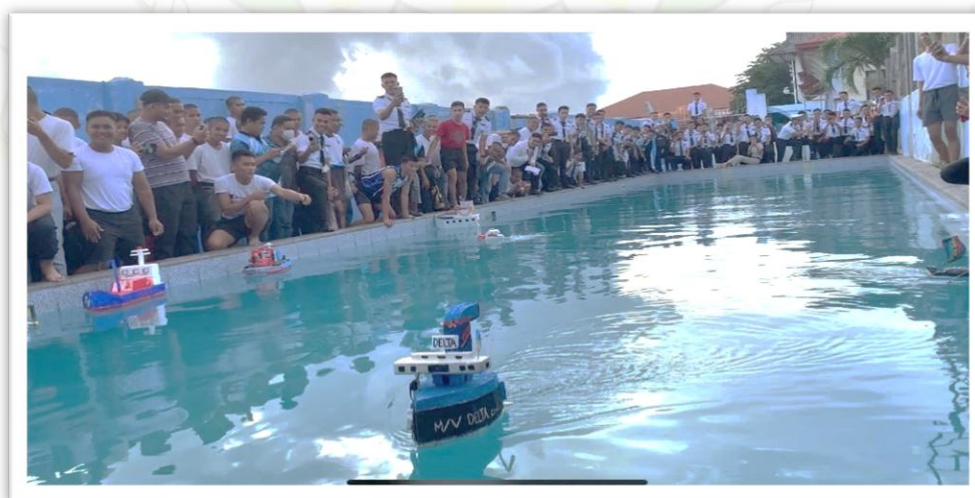
CME
ZSCMST
ZAMBOANGA CITY



In celebration of Maritime Week, the College of Maritime Education hosted a thrilling Miniature Boat Competition aimed at fostering creativity, teamwork, and technical skills among students. The primary objective was to provide participants with an opportunity to design, build, and race miniature boats, thereby promoting hands-on learning and encouraging innovation within the maritime community.

The Miniature Boat Competition, held during Maritime Week, was a remarkable success, highlighting the creativity, skill, and passion of students from the College of Maritime Education. Participants showcased exceptional talent through innovative designs, precise craftsmanship, and engaging performances. This event not only

celebrated maritime culture but also underscored the students' preparedness for challenges in the maritime industry, reflecting their dedication to both artistry and professionalism.





Moving forward, the College remains dedicated to providing opportunities for experiential learning, fostering innovation, and nurturing the next generation of maritime professionals who will shape the future of the maritime industry



In celebration of Maritime Week, the College of Maritime Education organized a coastal clean-up initiative to promote environmental awareness and demonstrate our commitment to marine conservation. The primary objective was to remove debris and waste from the coastal area, thereby contributing to the preservation of marine

ecosystems and promoting sustainable practices among our students and staff.



The coastal clean-up organized by the College of Maritime Education during Maritime Week was a resounding success, underscoring our dedication to environmental stewardship and sustainability. Moving forward, we remain committed to promoting eco-friendly practices and engaging in initiatives that contribute to the protection and preservation of our marine environment.





The site visit conducted by the International Association of Maritime Universities (IAMU) under the Program Assessment and Evaluation System (PAES) together with MARINA Central Office aimed to assess the academic programs, facilities, and overall performance of the Zamboanga State College of Marine Sciences and technology (ZSCMST) in alignment with IAMU standards and best practices. The primary objective was to provide constructive feedback and recommendations to enhance the quality of maritime education and training at ZSCMST.







The IAMU PAES site visit at the Zamboanga State College of Marine Sciences and Technology provided valuable insights into the college's strengths and areas for improvement in delivering high-quality maritime education and training. The collaborative assessment process fostered dialogue, sharing of best practices, and mutual learning between IAMU assessors and ZSCMST stakeholders, underscoring the commitment to continuous improvement and excellence in maritime education.



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Moving forward, ZSCMST is poised to implement the recommendations provided by IAMU to further enhance its academic programs, facilities, and student support services, thereby reaffirming its position as a leading institution in maritime education and training.

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AACCUP Requirement No. 5

5. Revisit and update the IPR manual of the institution and have it approved by the Board of Trustees.

The newly approved Intellectual Property Rights (IPR) Policy of ZSCMST, as adopted through Administrative Council Resolution No. 62, s. 2025, showcases the institution's strengthened commitment to safeguarding the creative and scholarly outputs of faculty, staff, and students. This updated policy reflects an inclusive and participatory review process and serves as key evidence of the college's compliance with accreditation standards on research integrity, innovation, and intellectual property protection.

Republic of the Philippines
ZAMBOANGA STATE COLLEGE OF MARINE SCIENCES AND TECHNOLOGY
Fort Pilar, Zamboanga City
Tel. No. (062) 992-6450 Telefax: (062) 991-0777 website:

ZSCMST ADMINISTRATIVE COUNCIL
RESOLUTION NO. 62 S. 2025
A RESOLUTION APPROVING THE REVISED POLICY ON
INTELLECTUAL PROPERTY (IP)

WHEREAS, the Zamboanga State College of Marine Sciences and Technology (ZSCMST) recognizes the vital role of intellectual property in promoting innovation, safeguarding the creative and scholarly outputs of faculty, staff, and students, and strengthening the institution's contributions to scientific and technological advancement;

WHEREAS, the Intellectual Property (IP) Policy of the Zamboanga State College of Marine Sciences and Technology (ZSCMST) was originally adopted through Board Resolution No. 99, Series of 2011; and

WHEREAS, the proposed revisions to the said policy were circulated to all institutional offices for comment, and consultation meetings were conducted with the various colleges to ensure inclusive and participatory review;

WHEREAS, the proposed revisions to the Intellectual Property (IP) Policy of the Zamboanga State College of Marine Sciences and Technology (ZSCMST) were formally presented to the Administrative Council for appreciation and review; and a matrix of changes annexed to this resolution was likewise submitted to facilitate clear comparison and understanding of the updates introduced;

NOW THEREFORE, BE IT RESOLVED, that upon motion duly made and seconded, the Academic Council of Zamboanga State College of Marine Sciences and Technology (ZSCMST) hereby approves the proposed revisions of the Policy on Intellectual Property.

RESOLVED FURTHER, that the revised IP Policy be transmitted to the ZSCMST Finance Committee for review, endorsement, and final adoption through appropriate board action;

RESOLVED this 4th day of July 2025, at Zamboanga State College of Marine Sciences and Technology, Rio Hondo, Zamboanga City, Philippines.

CERTIFIED CORRECT:

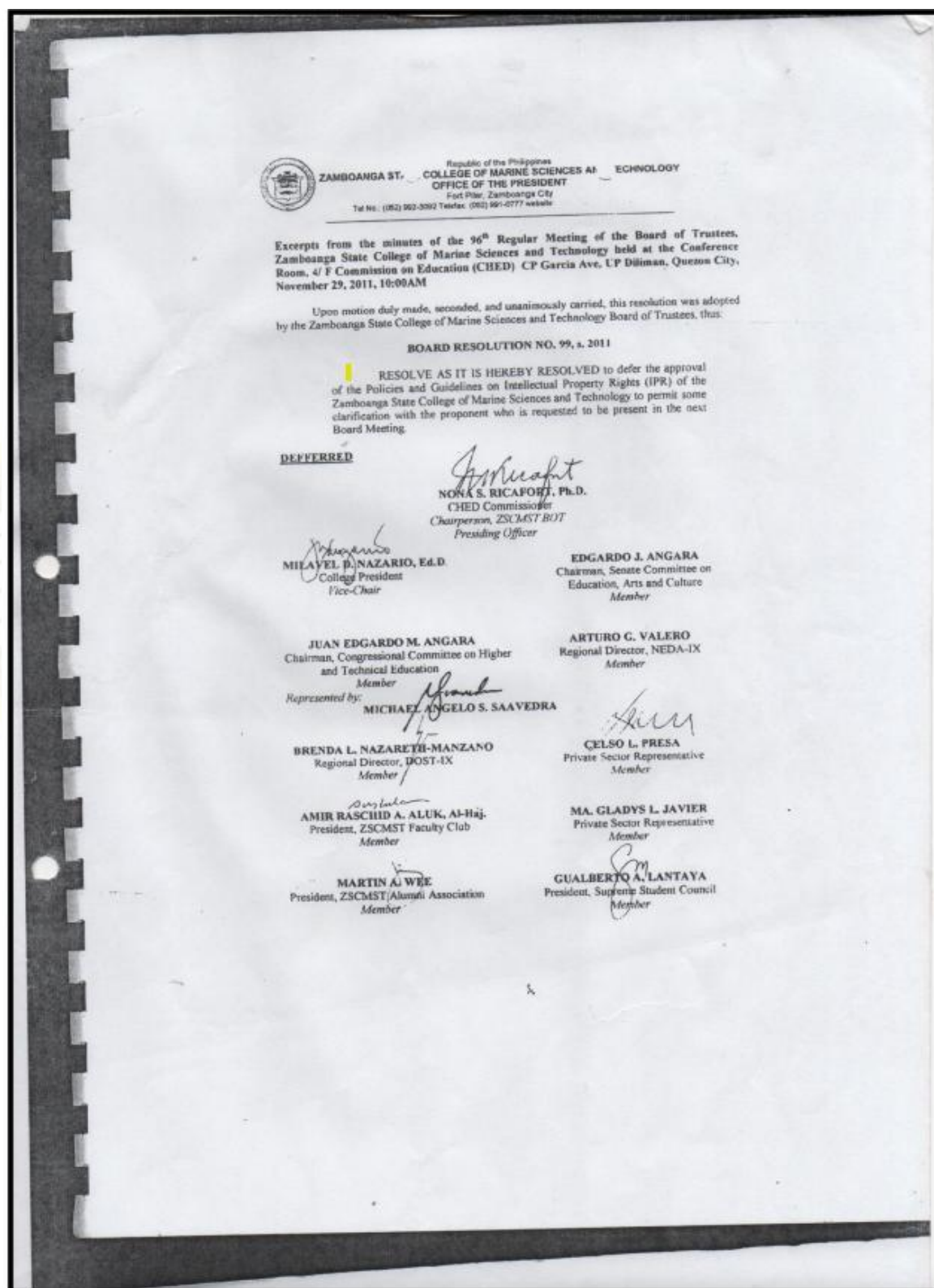
PELE P. FLORES
OIC-Board Secretary

ATTESTED BY:

ROY L. VALES
College President
Chair, ZSCMST Administrative Council



An archived copy of the institution's earlier Intellectual Property Rights (IPR) policy, as approved by the ZSCMST Board of Trustees, demonstrates the college's long-standing commitment to establishing clear guidelines for protecting scholarly works and research outputs. This document serves as foundational evidence of the institution's regulatory compliance and its continuous efforts to strengthen intellectual property management in support of accreditation standards.





8. Awards of Distinction and Achievement and Grants of This Program, “Best

Practices/ Adopted.”

Provision of Personal Laptops to All Regular Faculty Members for Research and Instructional Enhancement

Zamboanga State

College of Marine Sciences and Technology (ZSCMST)

The Zamboanga State College of Marine Sciences and Technology (ZSCMST), through the strong support of its administration and the collective initiative of the Faculty Club, has successfully implemented a best practice that directly enhances instructional delivery, faculty productivity, and research capability. This initiative involves the **issuance of brand-new personal XITRIX laptops** to all *permanent and regular faculty members* of the institution. The procurement was made possible through the united efforts of the Faculty Club and was formally approved by the College President, ensuring full transparency, accountability, and alignment with institutional development goals.

This best practice stands as a testament to ZSCMST’s unwavering commitment to advancing academic excellence. By equipping every regular faculty member with a personal laptop, the College ensures that instructional materials, research work, and student engagement tools are readily accessible and efficiently produced. The laptops significantly strengthen faculty capacity to develop digital content, conduct data-driven research, prepare accreditation documents, and facilitate flexible learning—skills that are essential in fulfilling the College’s mandate as a leading maritime education institution.

Moreover, the systematic release of the laptops, documented and issued through proper inventory channels, guarantees that all recipients are recognized as legitimate users and co-stewards of institutional property. This effort promotes fairness, professional empowerment, and operational efficiency across departments. The initiative also reinforces ZSCMST’s strategic direction toward modernization, digital transformation, and enhanced research culture—key indicators appreciated by accrediting bodies such as AACUP, CHED, and MARINA.

In essence, the provision of laptops is more than a distribution of equipment; it is a **forward-looking investment in faculty capability, instructional quality, and institutional competitiveness**. By prioritizing the needs of its educators, ZSCMST ensures that its students receive high-quality instruction from empowered faculty who are equipped to produce meaningful research, innovative outputs, and industry-responsive teaching materials. This best practice exemplifies ZSCMST’s commitment to continuous improvement and readiness to meet the demands of a rapidly evolving maritime education landscape.