

Republic of the Philippines

Department of Education

REGION I SCHOOLS DIVISION OF THE CITY OF BATAC

> Advisory No. <u>058</u>, s. 2025 1 3 MAR 2025

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BIOLOGICAL WEEK CELEBRATION 2025

The Biological Circle Organization and Department of Biological Sciences will be celebrating the Biological Week Celebration 2025 with the theme "Biology DOTS: from Molecules to Ecosystem, *DOTS: Discovery, Opportunity, Technology and Sustainability".

Part of the celebration is a pre-activity dubbed as "Tuklas Talino 2025 and 2nd Environmental Quiz Show" in collaboration with the Biology Teachers Association of the Philippines, Inc. – Ilocos Region Chapter (BIOTA) on March 21, 2025, from 8:00AM to 5:00PM at the Teatro Ilocandia and Student Center of Mariano Marcos State University.

Relative to this, all interested junior and senior high school learners from the public and private secondary schools of the Schools Division of the City of Batac are encouraged to participate in the activity.

Attached herein are the invitation letter from Mariano Marcos State University and contest guidelines and mechanics for further reference.

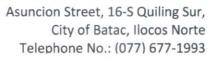
For information.

CID-GBL/Biological Week Celebration 2025 2503611/5015/March 13, 2025



















College of Arts and Sciences Department of Biological Sciences

Biological Circle Organization



February 27, 2025

MR. ANSELMO R. ALUDINO, CESO IV Schools Division Superintendent Schools Division of Batac City

Sir:

Greetings from the Biological Circle Organization!

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SDCB RECORDS UNIT

We are pleased to announce that the Biological Circle Organization and Department of Biological Sciences will be celebrating the Biological Week Celebration 2025 with the theme "Biology DOTS: from Molecules to Ecosystem, *DOTS: Discovery, Opportunity, Technology, and Sustainability". Part of the celebration is a pre-activity dubbed as "TUKLAS TALINO 2025 AND 2ND ENVIRONMENTAL QUIZ SHOW" in collaboration with the Biology Teachers Association of the Philippines, Inc. - Ilocos Region Chapter (BIOTA) on March 21, 2025, from 8:00 am to 5:00 pm at the Teatro Ilocandia and Student Center of Mariano Marcos State University.

This pre celebration activity will cater junior and senior high school students from Ilocos Norte to enhance their academic experience and foster a deeper appreciation for science. This will also serve as a dynamic platform for students to showcase their knowledge and enthusiasm for science while fostering a spirit of healthy competition and intellectual curiosity.

In line with this, may we invite junior and senior high school students to participate in the said endeavor. Attached are the mechanics of the different activities.

Through this celebration, it is our great pleasure as academic and non-governmental organizations to bring advancements, current updates and events in Biology to your fingertips.

We are looking forward for your approval of all our requests. Thank you very much and God bless us all.

Very respectfully yours,

President, Biological Circle Organization

ALICE GERALDINE HERNANDO-PAGALING

President, BIOTA-IRC

Cultivating Minds, Transforming Futures





















College of Arts and Sciences

Department of Biological Sciences





Noted:

AWN G. PAQUERA

Adviser, Biological Circle Organization

ALTHEA JOMARI G. LAGAZO

Co-adviser, Biological Circle Organization

Recommend Approval:

ELPIDIO JR. P. CADALZO

Chair, Department of Biological Sciences

JOYCE C. CASTILLO I

Student Affairs and Services Coordinator, CAS

MARLANA L. LINO, Ph.D.

Dean, CAS

















MARIANO MARCOS STATE UNIVERSITY College of Arts and Sciences Department of Biological Sciences



Biological Circle Organization

TUKLAS TALINO 2025 and 2ND ENVIRONMENTAL QUIZ SHOW **GUIDELINES AND MECHANICS**

- 1. The contest is open to all bonafide Junior High School students from the different secondary schools in the province of Ilocos Norte.
- 2. Each school can send up to three (3) participants accompanied by (1) coach.
- 3. Interested participants must register on or before March 17, 2025, via online registration form: https://forms.gle/doiGsLBDpVJsv3c48.
- 4. A registration fee amounting to PHP 150.00 per participant shall be collected and paid via Gcash. Jann Ysabelle Hernando, VP for Finance 09669042394 (K***C***C***).
- 5. Participants are expected to arrive at the contest venue as early as 8:00 AM for confirmation of registration and opening program.
- 6. The contest shall have two phases: Elimination Round and Final/Championship Round.
- 7. The elimination round will be held face to face on March 21, 2025, 9:30 AM 10:30 AM at the MMSU Student Center while the Final Round (Quiz Show) will be held at MMSU Teatro Ilocandia @ 1:30 PM - 4:30 PM.
- 8. The questions will revolve around the following subject areas: basic/general biological concepts, issues on medical innovations, advances, and current trends in the field of health and biology.
- 9. The top three scorers during the final round shall be declared as the winners
- 10. The winners shall receive Certificate of Recognition and a cash prize amounting to the following:

1st Place: PHP 1,000 2nd Place: PHP 700 3rd Place: PHP 500

11. All registered participants and their respective coaches shall receive a Certificate of Participation.

Elimination Round

- a. The elimination round will be a written examination consisting of 50 multiple choice questions.
- b. The participants will be given 1 hr to finish the exam.























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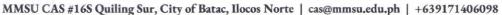
- c. All registered participants shall only use black or blue permanent ink pens in answering the exam. Use of erasable ink pens may result in the checkers being unable to properly see the answers leading to loss of points.
- d. Any form of cheating is prohibited and may result in the participant's test being terminated earlier or disqualification depending on the severity.
- e. The Top fifteen (15) scorers during the elimination round will be qualified to enter the Final Round. Announcement of the Top 15 scorers shall commence immediately after the checking of the papers.

Final/Championship Round

- a. The final round shall follow a quiz show format.
- b. The championship round shall consist of 30 questions divided into three categories: Easy, Average and Difficult with each category having 10 questions each.
- c. The questions shall take different forms including multiple choice, true or false, fill in the blank, and identification.
- d. The scoring system of the three categories shall be as follows:

Category	POINT/S
Easy	1
Average	3
Difficult	5

- e. Answers that are synonymous or similar to the announced correct answer/s shall be considered only upon the approval of the Board of Judges which shall be composed of faculty members of the MMSU Department of Biological Sciences.
- f. The participants shall be given 15, 20, and 30 seconds to answer for the easy, average and difficult rounds, respectively.
- g. All questions shall be read by the quiz master twice.
- h. The participants are only allowed to write their answers after the quiz master has given the go signal.
- i. The time shall only start after the quiz master has given the go signal.
- All participants must raise their answer boards when the time is up. Failure to do so may result in their answers being unconsidered.
- k. The total scores of the participants shall be announced at the end of every round.
- I. The top three (3) participants having the highest cumulative score shall be declared as the 1st, 2nd and 3rd placers, respectively.

















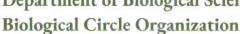






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Department of Biological Sciences





- m. In case of tie, a tie breaker round with three (3) questions of different difficulties shall be given. The student with the most points after the tie breaker round shall be recognized as the winner.
- n. If the tie is not yet broken after the clincher round, a "do or die" question shall be given and the first participant to show the correct answer shall be recognized as the winner.

For other inquiries about the said contest, please send a text message to the following: Mr. Ronel Ganotisi, President 09260455901.

For inquiries about financial concerns of the said contest, please send a text message to: Ms. Jann Ysabelle Hernando, VP for Finance 09669042394.

For inquiries about organizational concerns of the said contest, please send a text message to: Mrs. Shaira Dawn G. Oaquera & Ms. Althea Jomari G. Lagazo, Advisers 09661658546.











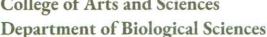








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Biological Circle Organization

POSTER PRESENTATION CONTEST GUIDELINES AND MECHANICS

- 1. The contest is open to all bonafide Senior High School students from the different secondary schools in the province of Ilocos Norte.
- 2. Each school can send one entry composed of one (1) participant accompanied by one (1) coach.
- 3. Participants should register on or before March 17, 2024, through Google Forms: https://forms.gle/fghr69rZRBhhEJ9aA.
- 4. A registration fee amounting to PHP 150.00 per participant shall be collected and paid for via Gcash. Jann Ysabelle Hernando, VP for Finance 09669042394 (K***C***C***).
- The competition will be held face to face on March 21, 2025, 9 AM 12 PM at the MMSU Teatro Ilocandia.
- 6. Participants are expected to arrive at the contest venue as early as 8:00 AM for confirmation of registration and opening program.
- 7. The poster must include the following: introduction/ background of the study, methodology, results, and conclusions.
- 8. The investigatory project/research must be centered on the field of biology.
- 9. The whole poster should be presented on a printed tarpaulin/poster.
- 10. The size of the printed poster should be 36" by 48".
- 11. In typesetting, choose a simple typeface. Use upper- and lower-case standard letters. Give a brief introduction stating the purpose of the study. Minimize words while maximizing visuals. End with a brief conclusion.
- 12. Good two-color combinations are: black on white, black on yellow, black on pink, dark red on white, dark blue on white, and dark blue on yellow. Use dark type in light text, plain background is easiest to read.
- 13. Captions and labels on diagrams should be readable and not cluttered with unnecessary detail. The design should flow sequentially from one part to the next. Numbers and arrows may be used to help the eye move from item to item in the correct order, from left to right, top to bottom.
- 14. The text in the poster must be readable from a minimum of two (2) ft.
- 15. The printed poster shall be posted at the venue during the day of the competition.



















College of Arts and Sciences

Department of Biological Sciences **Biological Circle Organization**



- 16. The panel of judges shall roam around the venue and view the posters.
- 17. The participant shall be stationed beside the poster to entertain the questions of the judges and guests during the allotted judging period.
- 18. The coaches are not allowed to be near the participants during the judging time to prevent coaching. Failure to follow this rule may result in deduction of points or disqualification.

Winning Team

- 1. The 1st place shall receive a certificate and cash prize amounting of PHP 1000.00, PHP 700.00 for the 2nd placer, and PHP 500.00 for the 3rd placer. All of the runner ups and their coaches shall be awarded with certificates of recognition. Certificate of participation shall also be given to the other participants.
- 2. The winner shall be presented during the closing program of the Tuklas Talino 2025 and the 2nd Environment Quiz Show on March 20, 2024 at the MMSU Students' Center.

Criteria for Judging the Science Investigatory Project/Research

	15 1 des Cools	40%
cientif	fic Thought and Engineering Goals	
a.	Scientific Thought	
	a. Brief and clear statement of the problem	
	 b. Well-defined procedure 	
b.	Engineering Goals	
	a. Clear and relevant objective/s	
	 Economically feasible solutions 	
	Potential Contributions/Practical Value	
		30%
Creati	veness, Resourcefulness, and Inventiveness	
a.	continue ability in presenting the problem/in the approach to solve the	
	problem	
b.	Innovative design/new ideas shown	
C.	Intelligence and imagination in finding ways/ means to undertake the	
C.	project	
> 1° 1		20%
	Appeal	10%
Overa	III Impact	100%
Total		





















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Biological Circle Organization

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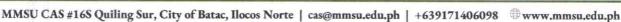




- 1. The contest is open to all bonafide Senior High School students from the different secondary schools in the province of Ilocos Norte.
- 2. Each school can send one (1) team/entry. Each team may have two (2) to three (3) members and one (1) coach.
- 3. Participants should register on or before March 17, 2025 through Google Forms: https://forms.gle/eyYWnw2vEv1FrDVJ8.
- 4. A registration fee amounting to PHP 150.00 per team shall be collected and paid for via Gcash. Jann Ysabelle Hernando, VP for Finance 09669042394 (K***C***C***),.
- 5. The competition will be held face to face on March 21, 2025, 9 AM 12 PM at the MMSU Teatro Ilocandia.
- 6. Participants are expected to arrive at the contest venue as early as 8:00 AM for confirmation of registration and opening program.
- 7. The investigatory project/research must be centered on the field of biological sciences.
- 8. The manuscript of the research paper should be submitted through the official email of the organization (mmsubiologicalcircle@gmail.com) for preliminary screening. It should be encoded, single-spaced, font Times New Roman, size 12. The abstract must include the following: the background of the study, objectives, materials & methods, highlights of the results, and conclusion.
- 9. The deadline for the submission of the manuscript is on March 17 at 11:59 PM.

Mechanics for the Presentation

- a. Participants must wear either their school uniforms or smart casual attire.
- b. PowerPoint presentation is allowed; it should contain the following: a) Background of the study; b) Objectives; c) Significance of the Study; d) Methodology; e) Results; f) Conclusions and Recommendations.
- c. The participants shall be given a maximum time limit of 15 minutes to discuss their research paper. Please be mindful of the time limit. Exceeding it may result in a forced stop to your presentation and a possible deduction of points.
- d. The content must:























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Department of Biological Sciences





- Contribute to the advancement of science and technology, especially in the field of biology;
- Have socio-economic significance and relevance to livelihood development; and
- Demonstrate scientific principles to provide new knowledge and new discoveries.

Defense Portion

- 1. The defense portion shall start immediately after the presentation has ended.
- The panel of judges shall ask their questions regarding the presented investigatory project.

Winning Team:

 The winning team shall receive a cash prize amounting to PHP 1,500.00, the 2nd place team will receive PHP 1,000.00, and the 3rd placer will receive PHP 700.00. The team members and coaches of the winning team shall also be given certificates of recognition.

Criteria for Judging the Science Investigatory Project/Research

Scientific Thought and Engineering Goals

30%

- a. Scientific Thought
 - a. Brief and clear statement of the problem
 - b. Well-defined procedure
- b. Engineering Goals
 - a. Clear and relevant objective/s
 - b. Economically feasible solutions
- c. Potential Contributions/Practical Value

Creativeness, Resourcefulness, and Inventiveness

30%

- a. Creative ability in presenting the problem/in the approach to solve the problem
- b. Innovative design/new ideas shown
- Intelligence and imagination in finding ways/ means to undertake the project

Thoroughness

15%

- a. Familiarity with scientific literature in the relative field
- b. Awareness of other approaches or theories
- c. Appropriateness of technology

Research Skills

15%

- a. Use of laboratory equipment/innovative resources
- b. Appropriate orderly and effective presentation of data























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Oral Presentation Skills

10%

- a. Clear and thorough discussion of the project
- b. Clarity and conciseness of explanation pertaining to important aspects of the research proposal
- c. Presentation aided by audio visual materials
- Over-all personality, Enthusiasm, Self-confidence

Total 100%

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MARIANO MARCOS STATE UNIVERSITY College of Arts and Sciences Department of Biological Sciences Biological Circle Organization



SCIENCE AND TECHNOLOGY WRITING CONTEST MECHANICS AND GUIDELINES

- The contest is open to all Junior High School students from the different secondary schools in the province of Ilocos Norte.
- 2. Each school can send up to two (2) participants accompanied by a coach.
- Interested participants must register on or before March 21, 2025 via an online registration form: https://forms.gle/Z1ZU47zQGheq49oBA.
- 4. A registration fee amounting to PHP 150.00 per participant shall be collected and paid for via Gcash. Jann Ysabelle Hernando, VP for Finance 09669042394 (K***C***C***)...
- The competition will be held face to face on March 21, 2025, 9 AM 10 AM at the MMSU Student Center.
- Participants are expected to arrive at the contest venue as early as 8:00 AM for confirmation of registration and opening program.
- 7. Contestants shall write an essay/article pertaining to the topic given by the facilitator during the contest. The topic may cover any interdisciplinary fields in Biology, specifically on molecular discoveries, technological advancements, sustainability efforts, and/or their impact on ecosystems and human health.
- 8. Participants shall be given a maximum of 1 hour to complete their task.
- Use of any electrical device is prohibited. Failure to comply with this rule may result in the disqualification of the participant.
- 10. The participants with the top 3 highest scores will be ranked as 1st, 2nd, and 3rd. Winning Participants will be awarded with certificate of recognition and cash prizes (1st PHP 1,000.00, 2nd PHP 700.00, and 3rd PHP 500.00) during the awarding ceremony.

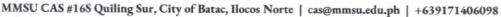
Criteria for Judging:

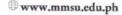
Technical 40%

- a. Relevant and coherent to the topic given.
- b. Observes rules of grammar and syntax
- c. Clearly written and shows logical presentation of arguments

Content 40%

- a. Employs factual data from reliable sources
- b. Presents timely issues on science and technology
- c. Cites scientific references/journal articles























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Eth	nics		10%
	a.	Observes copyright regulations	
	b.	Considers the standard of journalism	
Tit	le V	Vriting	10%
	a.	Utilizes a compelling and intriguing title that reflects the article's content	
To	tal		100%

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MARIANO MARCOS STATE UNIVERSITY College of Arts and Sciences Department of Biological Sciences Biological Circle Organization



BIOTALK CONTEST MECHANICS AND GUIDELINES

- The contest is open to all Junior High School students from the different secondary schools in the province of Ilocos Norte.
- 2. Each school can send up to three (3) participants accompanied with a coach.
- 3. Interested participants must register on or before March 17, 2025 via an online registration form: https://forms.gle/fLJTEyy5vWcFftZB7.
- A registration fee amounting to PHP 150.00 per participant shall be collected and paid for via Gcash. Jann Ysabelle Hernando, VP for Finance 09669042394 (K***C***C***).
- The competition will be held face to face on March 21, 2025, 9 AM 12 PM at the MMSU Student Center.
- Participants are expected to arrive at the contest venue as early as 8:00 AM for confirmation of registration and opening program.
- 7. The competition shall follow an extemporaneous speaking format.
- Participants will be given a topic on the day of the competition. The topic shall revolve around issues on medical innovations, advances, and current trends in the field of health and biology.
- The participant will be given 5 minutes to prepare their speech after being given the topic.
- The speeches shall be in the English Language.
- 11. The participant will be given a maximum of 5 minutes to present their speech. Please be mindful of the time limit. Exceeding it may result in a forced stop to your presentation and a possible deduction of points.
- 12. The competition will be held on March 21, 2025 at MMSU Student Center.
- 13. The participant with the top 3 highest scores will be ranked as 1st, 2nd, and 3rd. Winning participants will be awarded with certificate of recognition and cash prizes (1st PHP 1000.00, 2nd- PHP 700.00, and 3rd-PHP 500.00) during the awarding ceremony.









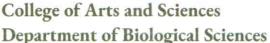














Biological Circle Organization

Criteria for Judging:

Content and Clarity	30%
Delivery and Presentation	30%
Relevance to the Topic	30%
Overall Impression	10%
Total	100%

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