



DR. MARIANO C. LAO RESEARCH AND CAPSTONE PROJECT GRANT For Students

The Mariano Lao Innovation, Creation, and Invention Laboratory (ML-ICI Lab) was established with the primary aim to provide a new learning space for high school and college students in Silliman and the community for them to innovate, create, and invent technology-oriented products while having fun. The laboratory will serve as a classroom, a teaching extension facility for teachers, a service-learning facility, a learning-facility for robotics club, a recreation room, and most importantly, a mini-incubation facility¹. As a mini-incubation facility, the laboratory is mandated to be a place where senior high students with idea and prototype products can discuss with business people and people with capital, on how to make business enterprise using the ideas and prototype. It is an open space for research and development, capstone project, and immersion on technology-oriented activities among senior high school students. It is in this context that this research and capstone grant is opened to support the attainment of vision of ML-ICI laboratory.

Scope

The Research and Capstone Grant is a competitive scholarship amounting to a maximum of Php 100,000.00 for a maximum of 2 years. It aims to stimulate new and innovative ideas with an entrepreneurial value among high school students. The laboratory envisions that grant to be a support towards serious incubation cycle. The grant will provide students an opportunity to learn and work together, develop and test new ideas, and engage in innovative and active learning.

Grant Eligibility

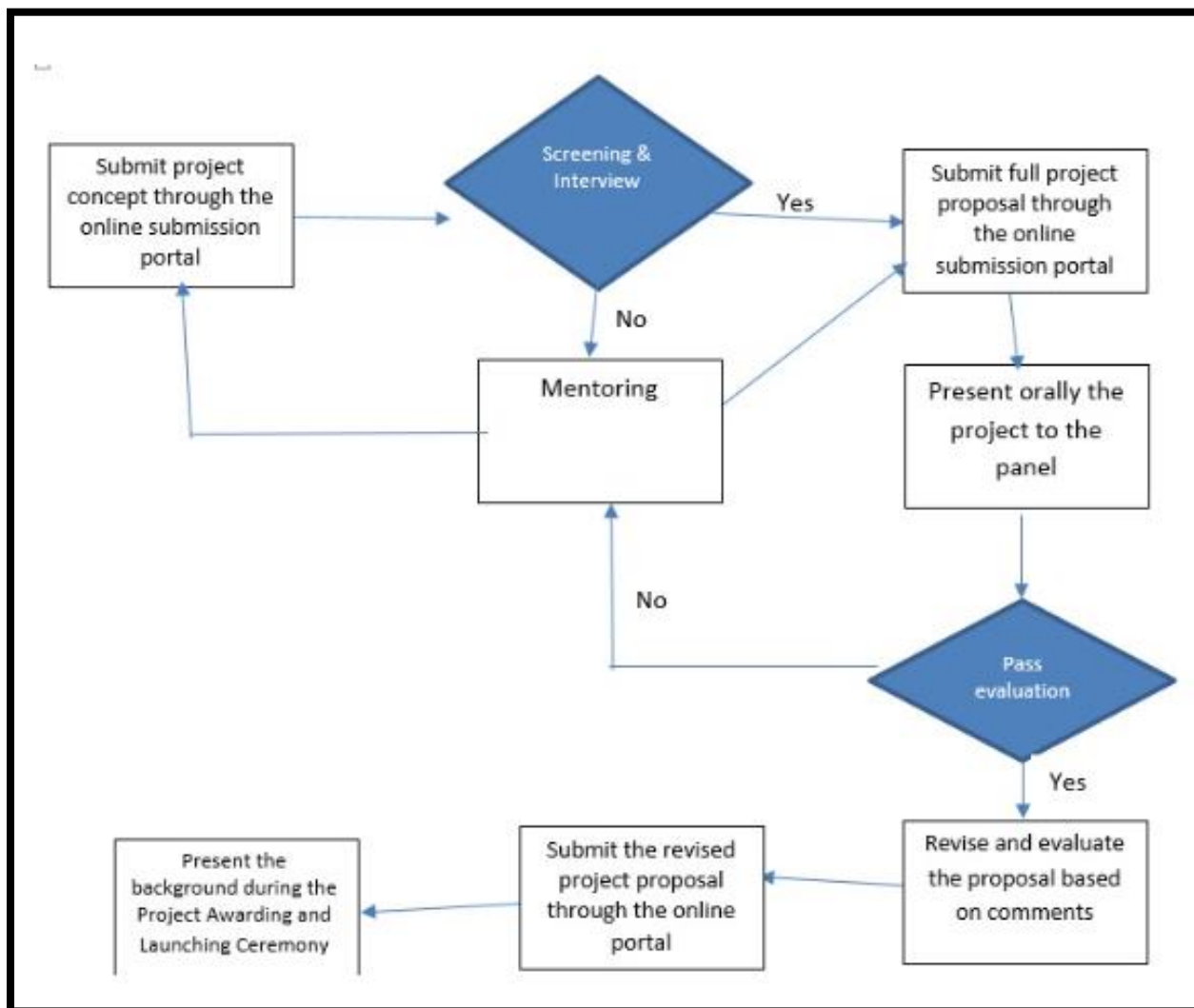
1. The grant is open to all high schools and senior high schools in the province.
2. The research or capstone may be composed of a maximum of 5 students. A combination of student year levels are allowed. Collaboration with other schools are also accepted. Each proposal must have a faculty mentor. Each team member must be endorsed by their respective principals.
3. The proposal must have an entrepreneurial value.
4. It must be a product development to be applied in the areas of agriculture, marine, and business. A product may be in the form but not limited to hardware or its prototype (e.g. 3D models), software application (e.g. web, mobile, multimedia), results from experiment (e.g. analytics, business plan and models).
5. The project proposal must utilize existing instruments, equipment, and materials in the Laboratory or in the University/School. Materials that are not available in ML-ICI Lab may be included in the proposal. Newly acquired instruments, equipment, and materials shall be deposited and placed at the ICI Laboratory for sharing purposes.
6. The Grant will only include maintenance and operating expenses (supplies and materials, communication, training, transportation and travel, among others) and materials and equipment. All funds must be properly liquidated.
7. All proposals must have a provision of producing at least 1 publishable article.
8. Project proposals will be evaluated based on (1) technical merit; (2) relevance and developmental nature; (3) entrepreneurial value-added;

¹ Mariano Lao Innovation, Creation, and Invention Laboratory Project Proposal



Application and Selection Process

1. A Call for Research and Capstone Proposals will be announced and published on the ICIO FB page. The Call maybe in the form of written submission or a bootcamp.
2. Call for Proposals will be every July 15 and December 15 of the current school year. All proposals must be submitted at <https://tinyurl.com/ICI-Grant>.
3. Composition of the technical panel will include Mr. Lao or his representative, Research Director, CCS/Engineering Dean, Expert from the field of study, entrepreneurship expert). Oral presentation can be done either in-person at ICI Lab, hy-flex or via Zoom.
4. For written submission, the procedure is found at the appendix.
5. For Bootcamp, see appendix for the procedure.





APPLICATION FORM

I. General Information

Are you applying as a collaboration?	<input type="checkbox"/> YES (Fill out the required information for the Lead School and member Schools) <input type="checkbox"/> NO (Fill out the required information for the Lead School only)
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A. Lead School			
School Name	Enter complete name here		
School Type	Enter school type here (Private or Public)		
Address	Enter complete address here		
Contact Number	(e.g. (02) 555-4321 or +63 987 65 43 210)		
Email	Enter email address here		
Head of the School	Last Name, First Name, MI	Designation	Enter Designation here
Name of the Proponent/ Project Leader	Last Name, First Name, MI	Year Level	Enter year level here
Name of the Members	Enter of Member 1 (Last Name, First Name, MI)	Year Level	Enter year level here
	Enter of Member 2 (Last Name, First Name, MI) *add additional row if necessary	Year Level	Enter year level here
Research/Project Adviser	Last Name, First Name, MI	Designation	Enter position and Designation here



B. Member Schools (provide additional sheets if necessary)			
School Name	Enter complete name here		
School Type	Enter school type here (Private or Public)		
Address	Enter complete address here		
Contact Number	(e.g. (02) 555-4321 or +63 987 65 43 210)		
Email	Enter email address here		
Head of the School	Last Name, First Name, MI	Designation	Enter designation
Name of the Members	Enter of Member 1 (Last Name, First Name, MI)	Year Level	Enter year level here
	Enter of Member 2 (Last Name, First Name, MI) *add additional row if necessary	Year Level	Enter year level here
Research/Project Coordinator	Last Name, First Name, MI	Designation	Enter position and Designation here

B. Member Schools (provide additional sheets if necessary)			
School Name	Enter complete name here		
School Type	Enter school type here (Private or Public)		
Address	Enter complete address here		
Contact Number	(e.g. (02) 555-4321 or +63 987 65 43 210)		
Email	Enter email address here		
Head of the School	Last Name, First Name, MI	Designation	Enter designation
Name of the Members	Enter of Member 1 (Last Name, First Name, MI)	Year Level	Enter year level here
	Enter of Member 2 (Last Name, First Name, MI) *add additional row if necessary	Year Level	Enter year level here
Research/Project Coordinator	Last Name, First Name, MI	Designation	Enter position & Designation here



II. Project Proposal Information

Problem Domain	<input type="checkbox"/> Marine <input type="checkbox"/> Agriculture <input type="checkbox"/> Business <input type="checkbox"/> Others (pls specify _____)
Project Title	Enter project title here
Rationale	Please include in this section: 1. Background information relating to the proposal 2. The problem, limitations, challenges, gaps 3. Opportunities that may be opened of your proposal 4. Expected transformations or effects of the implementation of the project



Project Objectives

Project Scope



Related Projects/Products	<p>List here related projects done and existing products that are available in the market.</p> <p>What is new or unique in your proposal that is/are not found in the related projects or existing products?</p>
Entrepreneurial-Value	<p>Discuss here the commercialization opportunities or plan of your proposal.</p>
Beneficiaries	<p>Just list the beneficiaries</p>
Duration	<p>Enter duration here</p>



III. Schedule of Activities

Provide a **Gantt Chart** presenting the schedule of activities for the proposed project

IV. Proposed Budget.

(Provide additional sheets if necessary, maximum of Php 100,000.00)

Items/Particulars	Counterpart Support (if applicable)	Amount
Enter expenditure here	Enter amount (item)here	Enter amount here
Total	Enter total here	Enter total here
Total amount requested		Enter total here



SUBMITTED BY:

X _____
(Signature over printed name of project leader/Lead School point person)
Date:

REVIEWED BY:

X _____
(Signature over printed name of Lead School Project Adviser)
Date:

ENDORSED BY:

X _____
(Signature over printed name of Lead School Head/Dean/Department Head)
Date:

Attachment:

1. CV of the proponents (1 page per proponent only)

Instruction for Application:

1. Fill-out this form and have this signed by the required signatories;
2. Scan all the pages of this form as well as the CVs and then save them in one file, then upload the form (1 file) at <https://laoici.weebly.com/research-grant.html>
3. Keep the hard copies of the application. We will notify you for further instructions.
4. Decision will be announced via SMS and email

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