



**Institute
for the Future
of Education**
Tecnológico de Monterrey

**Living Lab
& Data Hub**

Research Proposal for:
**“Measuring the Impact on the Teaching/Learning Process
Derived from the Introduction and Experimentation with
Remote Laboratories in Higher Education STEM Courses”**

Date of application: [MM-DD-YYYY]

Proposal Versions

Version	Date	Description of edits	Author
v0.0	22-02-2022	Template generation	IFE LL&DH
v1.0			
v2.0			
v3.0			
V4.0			
V5.0			

1. General information

a. **Proposal Title:**

b. **Author 1 (Lead Applicant):**

- **Author's full name:**
- **Affiliation:** [Insert Institution, department, address, country]
- **Title of Current Position:** [Current Position]
- **Contact Email:** [example@mail.com]
- **Contact Phone Number:** [Insert contact information]
- **Academic Degree:** [Insert academic degree]
- **Scopus H-index:** [Insert h-index obtained from Scopus]
- **Research Areas of Interest:**
 - i. Area 1, Area 2, Area 3 (...)
- **Additional Contact Information:**
 - i. ORCID ID:
 - ii. Scopus ID:
 - iii. Webpage:
 - iv. Academic Profile (Google Scholar, Researchgate):
 - v. Other:

c. **Author 2:**

- **Author's full name:**
- **Affiliation:** [Insert Institution, department, address, country]
- **Title of Current Position:** [Current Position]
- **Contact Email:** [example@mail.com]
- **Contact Phone Number:** [Insert contact information]
- **Academic Degree:** [Insert academic degree]
- **Scopus H-index:** [Insert h-index obtained from Scopus]
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 - i. Area 1, Area 2, Area 3 (...)
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 - ii. Scopus ID,
 - iii. Webpage:
 - iv. Academic Profile (Google Scholar, Researchgate)
 - v. Other:

d. **Abstract (up to 250 words):**

e. **Keywords:**

Please provide 5 keywords related to your proposal.

2. General context of the proposal

Provide an introduction of the context surrounding your proposal (400 words).

3. Specific information on the proposal

3.1. Addressed topics and current situation

Provide a description of the topics that will be addressed by the proposal, referring as well to the current situation according to recent literature. Limit of 400 words.

3.2. Hypothesis and research questions

Provide the proposal's hypothesis and research questions.

3.3. Objectives

List the proposal's general and specific objectives.

3.4. Justification

Justify the proposal's hypothesis, research questions and objectives according to the literature review. Limit of 400 words.

3.5. Stakeholders

In the following table, provide information about the stakeholders involved in the proposal and their main activities. Add or remove as many stakeholders as required.

Stakeholders	Main activities
Researchers	
Faculty members	
Students	
Other	

3.6. Schedule of activities

Insert the proposal's chronogram following the call's timeline, make sure to include which stakeholders will be involved in each phase, activity or milestone.

Date / Period	Activities
May 09–20, 2022	LabsLand and eLabs training.
May 25, 2022	Mentoring session.
Ago 01 – Oct 31, 2022	Experimentation and analysis phase.
– Milestone #1	
– Milestone #2	
Dec 15, 2022	Submission of outcomes in special issue.
Jan 16–18, 2023:	Presentation of call outcomes at the 9th International Conference on Educational Innovation (CIIE 2022).

4. Experimental Protocol

Describe variables and methods that are part of each step. As well, describe the relationship with stakeholders for each run/step. Limit 800 words.

5. Data analysis

Describe procedures and tests for data analysis. Limit 800 words.

6. Expected results

Provide an overview of the proposal expected results. Do not forget to include your commitment to publish the results in the call's special issue. Limit 200 words.

7. Supporting documents

Optional: If required, include any additional supporting documents for the application.

8. References

Provide all references cited on this application in APA 7th format.