

TITLE OF THE ACADEMIC ARTICLE IN SPANISH

(10–14 WORDS, INDEXABLE TERMS)

Title of the Academic Article in English (10–14 words, indexable terms)

****Space for DOI information (do not delete)**



Write the title in Spanish using between 10 and 14 words. Include indexable terms, preferably taken from the UNESCO Thesaurus (vocabularies.unesco.org), that reflect the central theme, methodology, and context of the study.

AUTHOR INFORMATION AND IDENTIFICATION

✦ Maximum of 5 authors. Include the full name (no abbreviations), full institutional affiliation, email address, and ORCID for each author.

✦ Designate ONE CORRESPONDING AUTHOR with *.

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Discipline:

☐ Engineering Technology ☐ Education and Innovation

ABSTRACT

Abstract

[Objective:] Write the objective of the study here. [Methodology:] Describe the method, design, sample, and instruments, providing evidence of validity. [Results:] Include at least one quantitative data point or concrete result—not vague summaries. [Conclusion:] Summarize the main contribution. Total length: 200–300 words. Times New Roman 10 pt., justified, single-spaced, and in italics.

Keywords: *term1, term2, term3, term4, term5, term6 (listed alphabetically, in italics, maximum 6 keywords) (taken from the UNESCO Thesaurus (vocabularies.unesco.org)).*

ABSTRACT (ENGLISH)

Abstract

[Objective:] State the objective. [Methodology:] Describe the method, design, sample, and validated instruments. [Results:] Include at least one quantitative result or concrete finding. [Conclusion:] Summarize the main contribution. Length: 200–300 words. We recommend having the text proofread by a native or certified English speaker.

Keywords: term1, term2, term3, term4, term5, term6.

1. INTRODUCTION



Include: background with recent international references (<5 years), GLOBAL state of the art (not just local literature), research problem, theoretical/conceptual framework, precise and measurable objectives, justification of potential impact. Times New Roman 11 pts.

Write the complete introduction here. Preferably cite literature indexed in WoS/Scopus from the last 5 years. The state of the art must be global, not merely national or regional. Clearly define the research problem.

2. METHODOLOGY



Describe the research design, justified sample size, valid and reliable instruments, data collection procedure, and statistical analysis (software + version + tests). State methodological limitations.

Describe the following sections here:

Generative AI Disclosure	<i>If AI (such as ChatGPT, Claude, Gemini) was used to draft or analyze data, the model and version must be specified in the methodology section.</i>
Responsibility	<i>Responsibility for the accuracy of the data must be declared, ensuring the absence of "hallucinations" or biases.</i>
Research Design:	<i>Indicate the type of design used in the study and briefly justify why it is the most appropriate for answering the research question.</i>
Sampling rationale:	<i>Describe the characteristics of the sample or participants (size, inclusion and exclusion criteria, type of sampling used) and explain why this sample is representative or relevant to the study's objectives.</i>
Instrument(s):	<i>Specify the instruments, techniques, or tools used for data collection (e.g., questionnaires, scales, interviews, standardized tests). Include information on their validity, reliability, and any adaptations made, if applicable.</i>
Procedure:	<i>Describe in a clear and detailed manner the steps followed to conduct the research, from participant recruitment to data collection, indicating the conditions under which the study was conducted</i>
Data Analysis:	<i>Explain the statistical or methodological techniques used to process and interpret the data obtained (e.g., descriptive analysis, inferential analysis, content analysis, software used), in accordance with the study's design and objectives.</i>

Methodological limitations:

Identify the study's limitations or constraints that may affect the generalizability or interpretation of the results, such as sample size, geographic scope, type of instrument, or potential biases identified.

3. RESULTS



Present results in a logical sequence corresponding to the objectives. DO NOT mix with interpretation (the discussion goes in a separate section). Figures and tables should be numbered, with a title, source, and brief explanation for each. No table, figure, or image should be presented as a screenshot.

Present the results here in accordance with each stated objective. Include measures of dispersion (SD, CI, effect size) in all statistical reports. Do not interpret the data in this section.

Table 1. Descriptive title of the table (Times New Roman 10 pt., italic, centered).

Variable	M (DE)	95% CI	p
Data	Data	Data	Data
Fact	Fact	Fact	Fact
Fact	Fact	Fact	Data

Source. Created by the author / [Author; year] — always include the source.

[Insert high-resolution image here (≥ 300 dpi)] Recommended width:
between 8 and 15 cm

Figure 1. Percentage distribution of responses by teacher performance category ($n = 210$).

Source. Prepared by the author based on data from the administered instrument (2024).

4. DISCUSSION



Interpret results in relation to the theoretical framework. Compare with previous INTERNATIONAL studies indexed in WoS/Scopus. Highlight original observations. Address each objective. Do not repeat the results.

Write the discussion here. Interpret each result in relation to the theoretical framework. Compare with at least 3 previous international studies indexed in WoS/Scopus. Highlight original contributions to the field.

5. CONCLUSIONS



Conclusions must be directly derived from the results, address each objective, include practical or theoretical implications, and suggest avenues for future research.

Write the conclusions here. They must be clear, precise, and explicitly address each stated objective. Indicate the practical or theoretical implications for the field (not just “what we found,” but “what it means for the discipline”).

6. DATA AVAILABILITY STATEMENT



State whether the data is available, subject to restrictions, or unavailable, and in which repository (OSF, Zenodo, Figshare, GitHub, etc.).
If the data has privacy restrictions, state this explicitly. It is not mandatory to have open data, but you **MUST** declare its status.

Study Data:

The data supporting the findings of this study are available at [repository: DOI/URL]. / The data are not publicly available due to [reason: privacy/confidentiality/institutional restrictions].

Protocol / Code / Questionnaire:

Available at [OSF/Zenodo/GitHub: URL]. / Not publicly available.

Funding source:

Example: This work was funded by [organization], project [code].
If there is no external funding, state this explicitly.

Conflict of interest:

The authors declare that there is no conflict of interest regarding this manuscript.
Or describe the conflict if it exists.

Ethical approval:

Not applicable (no human/animal participants).
Protocol approved by [Committee], Protocol No.: _____.

7. ACKNOWLEDGMENTS (optional)

Professional or institutional acknowledgments (not personal). If not applicable, delete this section.

REFERENCES



Minimum of 20 references.
At least 50% of the references must be indexed in WoS or Scopus.
At least 60% of the references must be less than 5 years old (except for citations to seminal works).
Self-citations must NOT exceed 10% of the total number of references.
IEEE style (order of appearance).
All references cited in the text must appear in the list and vice versa.
Every reference must include a link to the source, preferably only references with a DOI or verifiable link.

- [1] Last Name, N. (year). Article title. Name of the WoS/Scopus-indexed journal, vol(no), pp-pp. DOI: <https://doi.org/...>
- [2] Last Name, N., & Last Name, N. (year). Chapter title. In N. Editor (Ed.), Book title (pp. pp-pp). Publisher. DOI: ...
- [3] [Continue until at least 20 references — verify that 50% are in WoS/Scopus and 60% are less than 5 years old]

AUTHOR CONTRIBUTIONS (CRediT Taxonomy)



CRediT roles table with the 14 mandatory standard roles.
Assign each author their corresponding roles.

CRediT Role	Author 1	Author 2	Author 3
Conceptualization	✓ / —	✓ / —	✓ / —
Methodology	✓ / —	✓ / —	✓ / —

Software	✓ / —	✓ / —	✓ / —
Validation	✓ / —	✓ / —	✓ / —
Formal analysis	✓ / —	✓ / —	✓ / —
Research	✓ / —	✓ / —	✓ / —
Resources	✓ / —	✓ / —	✓ / —
Data curation	✓ / —	✓ / —	✓ / —
Drafting – original draft	✓ / —	✓ / —	✓ / —
Writing – revision and editing	✓ / —	✓ / —	✓ / —
Visualization	✓ / —	✓ / —	✓ / —
Monitoring	✓ / —	✓ / —	✓ / —
Project management	✓ / —	✓ / —	✓ / —
Fundraising	✓ / —	✓ / —	✓ / —



Before submitting your manuscript to the IPSUMTEC journal, please review the following checklist.

FINAL CHECKLIST BEFORE SUBMISSION — IPSUMTEC

A. GENERAL MANUSCRIPT INFORMATION

- ☒ Title in Spanish: between 10 and 14 words, using indexable terms (preferably from the UNESCO Thesaurus: vocabularies.unesco.org).
- ☒ Title in English: a faithful translation of the Spanish title, between 10 and 14 words, with equivalent indexable terms.
- ☒ Discipline: Engineering Technology or Education and Innovation.
- ☒ Total manuscript length: 4,000–9,000 words (not including references).
- ☒ File submitted in .docx format, named as: LastName_FirstAuthor_IPSUMTEC_YEAR.docx.

B. AUTHORS AND IDENTIFICATION

- ☒ Maximum of 5 authors. Full names without abbreviations.
- ☒ All authors must have an active and verified ORCID (<https://orcid.org>).
- ☒ Full affiliation for each author: full name of institution, country, and institutional email address.
- ☒ A single corresponding author clearly indicated with an asterisk (*).

C. MANDATORY DISCLOSURES

- ☒ Source of funding explicitly stated (funding agency, project code, or statement of absence).
- ☒ Conflict of interest explicitly declared (existence or total absence).
- ☒ Ethical approval indicated: committee protocol number or explicit statement of “not applicable” (studies without human or animal participants).
- ☒ Declaration of generative AI use included in the Methodology (specifying model, version, and purpose) or explicit statement that it was not used.
- ☒ Declared data availability: repository with DOI/URL (OSF, Zenodo, Figshare, GitHub) or justification for restriction (privacy, confidentiality).

D. ABSTRACT AND KEYWORDS

- ☒ Abstract in Spanish: OMRC structure (Objective, Methodology, Results, Conclusion), 200–300 words, with at least one quantitative data point in the Results section.
- ☒ Abstract in English: same OMRC structure, 200–300 words. Reviewed by a native speaker or certified translator.
- ☒ Keywords in Spanish: 4–6 terms taken from the UNESCO Thesaurus, listed alphabetically.
- ☒ Keywords in English: 4–6 equivalent terms (IEEE Thesaurus or MeSH), listed alphabetically.

E. BODY OF THE ARTICLE

- ☑ Introduction: background with recent references (<5 years), GLOBAL state of the art (not just local literature), clearly defined research problem, theoretical framework, and measurable objectives.
- ☑ Methodology: justified research design, well-reasoned sample size, instruments with evidence of validity and reliability, detailed procedure, software + version + statistical tests, and stated methodological limitations.
- ☑ Results: presented in a logical order corresponding to each objective. Include measures of dispersion (SD), confidence intervals (95% CI), and effect size. No interpretation (reserved for Discussion).
- ☑ Discussion: interprets each result in relation to the theoretical framework, compares with at least 3 international studies indexed in WoS/Scopus, addresses each objective, and highlights original contributions. Does not repeat the results.
- ☑ Conclusions: derived directly from the results, address each objective, highlight practical or theoretical implications, and propose avenues for future research.

F. TABLES, FIGURES, AND IMAGES

- ☑ All tables and figures are numbered consecutively (Table 1, Figure 1...), have a descriptive title, source, and brief explanation.
- ☑ No table, figure, or image is a screenshot. Images must be high resolution (≥ 300 dpi) and between 8 and 15 cm wide.
- ☑ Each table or figure is explicitly referenced in the text ("see Table 1," "as shown in Figure 2").

G. REFERENCES

- ☑ Minimum of 20 references in IEEE style (order of appearance in the text).
- ☑ At least 50% of the references are indexed in WoS or Scopus.
- ☑ At least 60% of the references are less than 5 years old (except for justified foundational works).
- ☑ Self-citations do not exceed 10% of the total references.
- ☑ All references cited in the text appear in the list and vice versa. All have a DOI or verifiable link.

H. ACADEMIC INTEGRITY AND FINAL REVIEW

- ☑ Anti-plagiarism report (iThenticate / Turnitin) with a similarity index < 20% attached to the submission.
- ☑ The manuscript is not under simultaneous review at another journal (declaration of originality and exclusivity).
- ☑ CRediT table with the 14 standard roles completed and assigned to each author according to their actual contribution.
- ☑ All gray-colored notice boxes and instructional texts have been removed from the final manuscript.
- ☑ Spelling, grammar, and writing reviewed in Spanish and English prior to submission.

Submission: revistaipsumtec@itmilpaalta.edu.mx | APC: \$5,000 MXN (max. 5 authors) | Version 2.0