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# 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. List the full name (no abbreviations), full institutional affiliation, email address, and ORCID for each author.*
📌 *Designate ONLY ONE CORRESPONDING AUTHOR with an asterisk (*).*

**Author** One[1]*, **Author** Two[2], **Author** Three[3], **Author Four**[4], **Author Five**[5]

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| | |
|---|---|
| **Discipline:** | *[ ] Artificial Intelligence, Data, and Automation, [ ] Sustainable Energy and Mobility*<br>*[ ] Technology Management and Industrial Innovation, [ ] Engineering Education and Interdisciplinary Development* |

## ABSTRACT

***Abstract***

*[Objective:] State the objective of the paper 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 of 6 keywords) (taken from the UNESCO Thesaurus (vocabularies.unesco.org)).*

Date Received: 12/15/2026 | Date Accepted: 12/15/2026 | Publication Date: 12/15/2026

## 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 information with recent international references (<5 years), GLOBAL state of the art (not just local literature), research problem, theoretical/conceptual framework, precise and measurable objectives, and 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 any methodological limitations.*

*Describe the following sections here:*

| | |
|---|---|
| **Generative AI Disclosure** | *If AI (such as ChatGPT, Claude, or Gemini) was used to draft or analyze data, the model and version must be specified in the methodology section.* |
| **Responsibility** | *Responsibility for the accuracy of the data must be declared, ensuring the absence of "hallucinations" or biases.* |
| **Research Design:** | *Indicate the type of design used in the study and briefly justify why it is the most appropriate for addressing the research question.* |
| **Sampling Justification:** | *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.* |
| **Instrument(s):** | *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.* |
| **Procedure:** | *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* |
| **Data Analysis:** | *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.* |

| | |
|---|---|
| **Methodological Limitations:** | *Identify any limitations or constraints of the study that may affect the generalizability or interpretation of the results, such as sample size, geographic scope, type of instrument, or any identified biases.* |

## 3. RESULTS

*Present results in a logical sequence corresponding to the objectives. DO NOT mix them with interpretation (the discussion is in a separate section). Figures and tables should be numbered and include a title, source, and brief explanation for each. Tables, figures, or images should not be presented as screenshots.*

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

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

| Variable | M (SD) | 95% CI | p |
|---|---|---|---|
| *Data* | *Data* | *Data* | *Data* |
| *Data* | *Data* | *Data* | *Data* |
| *Data* | *Data* | *Data* | *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 the 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

*The 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. Point out the practical or theoretical implications for the field (not just "what we found," but "what it means for the discipline").*

## 6. DATA AVAILABILITY (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 is subject to privacy restrictions, state this explicitly. It is not mandatory to make data openly available, 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 [number].*<br>*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.*<br>*Or describe the conflict, if any.* |
| **Ethical approval:** | *Not applicable (no human or animal participants).*<br>*Protocol approved by [Committee], Protocol No.: _____.* |

## 7. ACKNOWLEDGMENTS (optional)

*Professional or institutional acknowledgments (not personal). If not applicable, omit 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.*
*Each reference must include a link to the source; preferably, only references with a DOI or a verifiable link should be included.*

*[1] Last Name, N. (year). Article title. Name of the WoS/Scopus-indexed journal, vol. (no.), 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 a minimum of 20 references—verify that 50% are in WoS/Scopus and 60% are less than 5 years old]*

## AUTHOR CONTRIBUTIONS (CRediT Taxonomy)

*CRediT roles must be 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 | ✓ / — | ✓ / — | ✓ / — |
| Securing Funding | ✓ / — | ✓ / — | ✓ / — |

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## FINAL CHECKLIST BEFORE SUBMISSION — IPSUMTEC

### A. GENERAL MANUSCRIPT INFORMATION

☑ Title in Spanish: between 10 and 14 words, with 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.

☑ Declared discipline: Engineering and 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).

☑ Complete affiliation for each author: full name of institution, country, and institutional email address.

☑ A single corresponding author clearly marked with an asterisk (*).

### C. MANDATORY DISCLOSURES

☑ Source of funding explicitly stated (funding agency, project code, or declaration of no funding).

☑ Conflict of interest explicitly declared (existence or complete 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.

☑ Data availability declared: 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 information 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 the Discussion).

☑ Discussion: interprets each result in relation to the theoretical framework, compares findings with at least three international studies indexed in WoS/Scopus, addresses each objective, and highlights original contributions. Does not repeat the results.

☑ Conclusions: Derived directly from the results, they 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 tables, figures, or images are screenshots. 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

☑ A minimum of 20 references in IEEE style (listed in the 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 seminal works).

☑ Self-citations do not exceed 10% of the total number of references.

☑ All references cited in the text appear in the list and vice versa. All include a DOI or verifiable link.

### H. ACADEMIC INTEGRITY AND FINAL REVIEW

☑ 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 warning boxes and instructional text have been removed from the final manuscript.

☑ Spelling, grammar, and writing have been reviewed in both Spanish and English prior to submission.

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