**Insert the title of the article in minus**

**Use minus for the the title of the article in spanish**

First Autor A[[1]](#footnote-1), Second Autor B[[2]](#footnote-2), Third Autor C[[3]](#footnote-3).

**Abstract*:***In this Document, are describe the contributing instruction which constitute a guide for preparing articles for the journal vinculos. Please Follow to the foot of the letter this format. Use this document as a template to write your article if you are using Microsoft Word 3.0 or a next versión. The summary must be presented in Spanish with a maximum 150 words and should contain: 1) what the author has done, 2) as he did (only if it is important to detail it), 3) the main results, 4) the relevance of the results. The authors are fully responsible for the quality of its articles, the editorial board, in the case of accepted the work for publication, submit it to evaluation by academic peers, so the authors transferred their rights, the publication, journal.

# **Keywords**: must be accompanied by three to six keywords separated by commas.

# **Resumen:** This document describes the instructions that are a guide to preparing papers for the Vínculos journal: science, technology and society Institutional journal of the curricular Project of engineering and technology; which analyzes fields of Electrical, Electronics, Computer and Communications Systems Engineering, Architecture and Computer Hardware Engineering of Technological Faculty Distrital University Francisco Jose de Caldas. Please follow the format. Use this document as a template for writing your article if you are using Microsoft Word 3.0 or later. Use this document as a set of instructions or "template" to prepare your manuscript. The summary should be presented in Spanish with a maximum of 150 words and should contain: 1) what the author has done, 2) as it did (only if detail are important), 3) the main results, 4) the relevance of the results. The authors are fully responsible for the quality of their articles; the editorial committee, in the case of accepting the work for publication, it will subjected to academic peer review, so that authors transfer their rights of publication to the journal.

**Palabras clave:** Must be accompanied by the translation of three to six English keywords, separated by comma.

## 1. Introduction

The template is defined to maintain uniformity in the presentation of the articles in the journal. To have a format of high quality and consistency, you as author should follow these instructions. The easiest way to do this is to download the template and replace the content with its own article. The file of the template contains styles predefined for each aspect of the design general of the document, families typographic, and sizes of typography appropriate, what allows reduce your work to the time of give format to the document ***Not change the size of the sources or spacing of line to enter more text in a number limited of pages.***

In the introduction, for example, is exposed in form concise: the problem, the purpose of the work and is summarizes the State current of the subject of study. This section, must be fully and properly referenced since here is the review of the various approaches made by other researchers and constitutes the starting point which bases its research. The description of the current state of the subject, or State of the art, involves a review of the published literature or the history of your research problem. The references should be those that are strictly with the object of study. Data and conclusions of the investigation are not included. Must end is with the form in which is structured the development of the theme, that explains the design of the research and its implementation in the practice; can include: framework theoretical, modeling, description of the alternative, development experimental, methods, materials, design, implementation, results, or, discussion of the results.

**1.1. Rules General**

The articles should have a minimum of 10 double-spaced pages and a maximum of 20 extension.

**1.2 Typefaces and sizes**

Use font Times New Roman. The recommended size for the body of the text is 12 points and the title of the article 14 points. The minimum size for the titles of tables, figures, and footnotes of page is 8 points.<br>1.3. format<br>In the design of its original format letter 8.5 x 11 in., set the margins to 2 cm. The document should be justified. Those paragraphs should be written to double space. Paragraphs should have maximum 10 lines.

**2 development of the subject**

The development of the theme of study is presented in different sections. Each section is numbered with Arabic numerals, followed by a point (i.e. 1., 2.,...). The sections can contain subsections that van numbered of the number of the section and of the number of the subsection, followed each one by a point. Each level below introduces a number Arabica additional. (For example, the subsection 3 of the subsection 2 of the section 4 would be numbered as 4.2.3.). Subsection levels have no limit, but we recommend not using more than three. The first chapter is which corresponds to the introduction.

The article should also include the results and arguments about the prospects and implications of these findings. The results may occur in tables or figures, referenced from the text. The results must be routed to a discussion where are examined and interpreted. The discussion around the results should lead to conclusions that can form the basis for conclusions section

**2.1. additional requirements**

This section presents the editing instructions for figures, tables, abbreviations and acronyms.

**2.1. figures and tables**

The title and the description of the figures and tables must be placed under them, indicating their source, it can be external or prepared by the authors. All diagrams, diagrams, graphs, maps or another type of image used in the article will be treated as figures. Figures should be in grayscale or black ink. Tables and figures should be numbered and holder in a clear way. In addition, they must locate in the place closest to where they are listed, i.e., they should be referenced from the text of the article and not on the contrary; and attach an attached to this file folder with all the images in .tiff format, (use an image editor, like Paint © for example, which allows to save in that format). Use the word figure X, longhand, to refer to a figure X and table X to refer to a table. See examples in Table 1 and Figure 1.

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| --- | --- | --- |
|  | **Figures** | **Tables** |
| Article 1 | Tiff dpi | Normals |
| Article 2 | Tiff | Formated |

**Table 1. Explanations of the resolution of the figures.**

**Source: compilation of the authors or citation in IEEE norms.**

If those figures include axes, as in the flat Cartesian, must label is conveniently. The labels must be whole words that define the amounts which represent. Do not use the units as labels but if including units on the labels. For example, if an axis represents a length in meters type on the label of the axis ' length (m) "and not"m"or"m."or"meters". The multiples or submultiples of the units must be within the parentheses that encloses them units; i.e. "length (Km)"or length (103 m),"do not write" length (m) × 103 '. You can see an example in Figure 1

**2.2**. **Equations**

When items include equations, they must be made in an editor appropriate equations. If you use Word, use either Microsoft Equation Editor or MathType for equations in your paper (Insert | Object | Create New | Microsoft Equation Editor or MathType Equation). the option should not be selected "Float over text".Number equations consecutively in order of appearance with Arabic numerals in parentheses justified to the right margin, as in (1). Use parentheses to avoid ambiguities in denominators. Put Punctuate equations when they are part of a sentence. Specify comma (,) and do not use for decimal separation of thousands (100,000 and 00.23). (1)

Make sure the variables, constants, parameters, indexes, subscript or superscript, operators, or, in general, the symbols in your equation have been defined previously. The reader should know what amounts had been working in the research development. Italicize symbols (T might refer to temperature, but T is the unit tesla). Refer to "(1)" no "Ec. (1) "or" equation (1), "except at the beginning of the sentence:" Equation (1) is ... "

### 2.3. Units

### Use the International System as primary units. Other units can be used as secondary units (in parentheses). This applies to data storage articles. For example, type "15 Gb / cm2 (100 Gb / in2)." An exception is considered when English units are used as business identifiers such as "drive 3.5 inch." Avoid mixing units of the International System with System cegesimal, such as current in amperes and magnetic field in oersteds. This often leads to confusion because equations are not dimensionally comparable. If you must use mixed units, clearly state the units for each quantity in the equation. The unit in the International System for H magnetic field strength is A / m. However, if you want to use T units, or refer to B flux density magnetic or magnetic field strength symbolized as μ0H. Use the centering point to separate compound units, ie, "A · m2." When decimal comma are written, not the point will be used.

## 2.4.Abbreviations and Acronyms

## Define abbreviations and acronyms the first time they are used in the text. Avoid using abbreviations in the title unless it is essential.

## 3. Conclusions

The monitoring of the standards indicated allow your work stand out not only for its content but that is also visually appealing. Send the item without header logo of the journal, and indicate only the date of shipment.

## Honors

## If them there, must locate is at the end of the work, just before the references. Indicates the entity that sponsors research, or where the product of the research was implemented: model, software, prototype, simulation; or the entity, company or group of research of which is product end this article. This section does not take numbering.

## References

The use of bibliographic references must be so numbered in the order in which sources are being cited in the text, thus: [1], when several consecutive sources is presented [1-9], non-consecutive [1,2,9]. If is used again the same source in another part of the document, be retains the number assigned initially. In the bibliography the references are listed according to the order of appearance in the text. Use the standard format of IEEE Computer or Communications of the ACM for references. All references must be publicly accessible documents. Finally, note that the title of this section does not numbering. Follow the list next, omitting them subtitles of publications periodical, chapters of book or book, for example, because only serve of guide.

**Books:**

Initial first name. Initial Middle Name. First full name "Title chapter of the book or the book" edition, city or country of publication: publisher, year, pages consulted (pp xxx-x.).

**Examples:**

[1] R. Burt, "Structural Holes: The Social Structure of Competition". Massachusetts: Harvard University Press, 1992. pp. 1-299.

[2] A. El Saddik, S. Shirmohammadi, N. Georganas and R. Steinmetz, "JASMINE: Java Application Sharing in Multiuser Interactive Environments". Proceedings of IDMS '2000 (Enschede, Netherlands), Springer, 2000, pp.214-226.

[3] F. Bravo, "Immaculate empirical study of patterns of Web access for users cognitive accessibility of the Deaf". Madrid: INMERSO Studies R & D + I, No. 30, 2005.

**Journals**

Initial first name. Initial Middle Name. First full name "article title" Name of the journal, Vol.X, no. x, pp. xxx-xxx, Abbrev. month year.

Examples:

[1] A. O'Donnell, "The nature of networking in small firms", Qualitative Market Research: An International Journal, vol. 7, no. 3, pp. 206-217, 2004.

[2] R. Hernandez, K. Silvestri, S. Añez, and J. Cobis, "Information systems as a strategic element of management training." Negotium Magazine, vol 3, no. 7. 2007.

[10] H. Martinez, B. Sloth, "Management Information System for optimizing investment portfolios." Revista Venezolana de Management, vol. 15, no. 50, March 2010

**papers published**

Initial first name. Initial Middle Name. First full name, "Full title of the paper", Name of the publication of the conference, year of publication, pages.

Examples:

[1] F. A. Valenzuela, "Perspectives of ICT in the Deaf Community Argentina". V International Congress of Virtual Environments Adaptive and Accessible Learning. San Juan. Argentina. 2013.

[2] A. Gonzalez and L. Galindo, "Strategic Planner information systems". Proceedings of 2nd National Congress of Electromechanical Engineering and Systems. ESIME Zacatenco, Mexico D.F.1997.

[3] L. Galindo, "A methodology for strategic planning of information systems". Proceedings of 8th National Congress of Electromechanical Engineering and Systems. ESIME Zacatenco, Mexico DF (2002)

**thesis**

Initial first name. Initial Middle Name. First full name, "Full name of the thesis" thesis MsC., University degree, city, state or country, year.

Examples:

[1] E. Parra, "Influence of Using Sign Language and Knowledge Organization Categorical Search Web Information for Deaf People" Memory eligible for Research Sufficiency. University of Granada. Spain, 2004.

[2] N. Klingsheim. "Bluethooth J2ME Programming". Master's Thesis. Department of Informatics University of Bergen, 2004.

[3] R. Montes, "Multiple Literacy in new learning environments". MsC, Juarez Autonomous University of Tabasco, Villahermosa, Tabasco, 2007.

**Manuals or catalogs**

Company or institution, Title manual or catalog, manual or catalog number, city, year.

Example:

[1] Webster, J., Reif, W., Bracker, J. The manager s guide to strategic planning tools and techniques. IEEE Engineering Management Review. (1990).

**Norms or standards**

Title of the standard or standard manual or catalog number, year.

Example:

[1] Letter Symbols for Quantities, Standard ANSI Y10.5, 1968.

**patents**

Initial first name. Initial Middle Name. First full name, "Full title of the patent", Number, Country, date.

Example:

[1] J. P. Wilkinson, "Non linear resonant circuit devices", U.S. Patent 3624 12 16 July 1990.

**electronic sources or Internet resources**

Initial first name. Initial Middle Name. First full name, may include blog name if not given the above data, "Article Title", date of consultation, [Online] Available at: <http://sitio/ruta/archivo.extensión>

Examples

[1] People according to visual impairment. "National Institute of Statistics of the Bolivarian Republic of Venezuela: Statistical Bulletin 2011" May 2014, [Online] Available at: [http://www.ine.gov.ve/documentos/SEN/menuSEN/pdf/subcomitedemografica/Documentos2014 /Boletin\_de\_Mesa\_Tecnica\_de\_Discapacidad\_2014.pub\_ver\_4\_nov.pdf](http://www.ine.gov.ve/documentos/SEN/menuSEN/pdf/subcomitedemografica/Documentos2014%20/Boletin_de_Mesa_Tecnica_de_Discapacidad_2014.pub_ver_4_nov.pdf)

[2] D. Atkins, J. Brown and A. Hammond, "Report to The William and Flora Hewlett Foundation" (February 2007); February 20, 2014, [Online] Available at: <https://oerknowledgecloud.org/oer_resource/author/218?sort=keyword&order=asc>

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