

The Vínculos journal is a journal Institutional of Telematics Engineering and Technology Data Systematization Technology Faculty of the University Francisco José de Caldas. It is a publication of scientific and technological biannually, published the months of January to June (June as a month of publication of the first volume) and July to December (November as the month of publication of the second volume). The first issue appeared in the second half of 2004 and to date has maintained regularity.

The subject areas of interest of the journal Links are focused on fields related to computing, information technology and telecommunications, and in general to all fields of engineering. However, it is not restricted to these, they are also present socio humanities and education, provided they are related to engineering issues. The journal articles published only scientific and technological research, reflection and revisión

The Vínculos Journal is aimed at teachers, researchers, students and professionals interested in the continuous updating of their knowledge and monitoring of the processes of scientific and technological research in the field of engineering. Its mission disclose results of research projects in the area of engineering, through the publication of original and unpublished articles, conducted by academics and professionals belonging to national or foreign public or private order institutions.

Articles submitted to the Vínculos journal must be written in Spanish or English unpublished works; however, preference will be given items that show innovative concepts of great interest, that address issues related to the objective and thematic coverage of the journal

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## **SECTIONS OF THE JOURNAL**

**R + D RESEARCH AND DEVELOPMENT:** A document that presents in detail the original results of research projects. The structure generally used contains four important parts: introduction, methodology, results and conclusions.

**TECHNOLOGY AT PRESENT:** It is essential that the topic raised question on topics and technologies in the area of systems and computer networks or general engineering. It is essential that the treatment of these issues is critical and this significant contributions that contribute to the construction of knowledge.

**SOCIAL ENVIRONMENT:** This section articles from different areas of knowledge that are not specifically focused systems and computer networks will be published; in the case of the basic sciences and the humanities. Items must analyze and reflect endogenous and exogenous impact on technological, scientific and engineering achieved by the University with its surroundings.

### **1. Types of documents accepted**

Considering the current requirements for indexing Colciencias journals at the National Scientific and Technological Index Publications, they may run the original articles of the following types:

**Articles of scientific and technological research:** document that presents in detail the original results of research projects. The structure generally used contains four important parts: introduction, methodology, results and conclusions.

**Reflection articles:** a document presents research results from an analytical perspective, interpretative or critical of the author, on a specific subject, resorting to original sources.

**Review article:** is the result of an investigation where it is analyzed, systematized and integrated results of research published or unpublished, on a field of science or technology, in order to account for the

progress and development trends. It is characterized by presenting a careful bibliographic review of at least 50 references.

**In order to feed the section "reviews"**, also this kind of writings are accepted as long as they relate to current books. In this case the texts should have an extension of two to three pages, and accompanied by the scanned cover of the book reviewed.

**Short article:** a brief document that presents original or part of a scientific or technological research, which usually requires a quick diffusion preliminary results.

**Case report:** document that presents the results of a study on a particular situation in order to publicize the technical and methodological experiences considered in a specific case. It includes a systematic review of literature on similar cases.

**Topic Review:** document result of the critical review of the literature on a particular topic.

**Letters Editor:** Critical, analytical or interpretative Documents published in the journal, which in the opinion of the editorial board are important to the discussion of the subject by the scientific community of reference.

**Editorial:** document written by the editor, a member of the editorial committee or a guest researcher on orientations in the subject domain of the journal.

**Translations:** translations of classical texts or current or historical or transcripts of particular interest in the domain of journal publishing documents.

## 2. Ethical Guidelines for authors

The authors ensure that the article submitted:

- It is original and unpublished
- It has not been previously published elsewhere
- It has not been submitted simultaneously to another journal; submit one article for publication postulation of several scientific journals is a serious breach of academic ethics
- the authors have contributed intellectually in the document, therefore the article must have been approved by the authors in the letter of transfer of

rights <http://revistas.udistrital.edu.co/ojs/index.php/vinculos/pages/view/1>; that decision will be evidenced by the signature of each of the participants and officials who collaborated with the full or partial results of the research exposed.

## 3. Document length

The articles submitted must have a minimum length of 10 double-spaced pages and a maximum of 20, letter size. It is imperative item to migrate journal template for presentation, the template can be downloaded from the link <http://revistas.udistrital.edu.co/ojs/index.php/vinculos/pages/view/1>

## 4. Presentation format

The document must be made in font Times New Roman size 12, double spaced, one column and all margins of 2 cm.

Tables and figures not only be displayed within the article, also must be enclosed in an additional folder. The images must be in .jpg or .png format to black and white, at a minimum resolution of 3,000 pixels by 2,400 pixels to Real size or 300 dpi. On the other hand, if attached tables should be editable in Word and never embed them as images (as it is not possible to edit). if use of graphics or tables compiled in Excel is done, attach the files in the respective formats. If figures and tables do not have the requirements set out in this document, your article may not be published, such compliance ensures editorial quality. All figures and tables must be made in black ink, it is included in the magnetic media, numbered and titled in a clear and orderly manner. They should be located as close to where they are cited.

Avoid too long tables; for this case if many relevant data are included in a single table, it is recommended to divide

For those figures where this information simultaneous data where authors distinguish require use conventions as dashed lines, continuous, or geometric shapes such as: ▲, ■, ●, ◆, ◇, ○, □, Δ

In the case of maps, circuit diagrams or scanned photographs should be attached in separate files in jpg or png format with a minimum resolution of 600 dpi or its equivalent in pixels

When items include equations, they must be made in an editor appropriate and compatible equations; for example, the equation editor of Windows, remember that each equation must be listed in the article.

## 5. In the document structure

The title of the article should be short or divided in title and subtitle (maximum nine words), appealing to the potential reader and written in capital letters. After him it shall be written (the) full name (s) (s) of (the) author (s) accompanied by basic footnotes (professional and university from which he graduated, graduate degrees biographical data, workplace) and (s) address (es) e (s) (always include an institutional e-mail address)

The text of the article must be accompanied by a summary in Spanish of 150 words maximum, so it must be translated into English. Within the summary should be recorded parts of the document: purposes of research, materials and methods, including the results and future work and highlighting the most innovative, accurate and relevant observations that sheds research.

The keywords in Spanish (three to six words) translated into English, are terms that define the content of the article, to select keywords we suggest you consult the following thesaurus [http://vocabularies.unesco.org/browser/thesaurus/ com /](http://vocabularies.unesco.org/browser/thesaurus/com/), taking into account that this tool is most appropriate to highlight the item and facilitate the search for the topic on internet

For the presentation of content using multiple subtitles, starting with one of Introduction and ending with other references, which should be numbered according to their hierarchy it is recommended.

Example structure hierarchy of titles and subtitles within the article to present:

1. Introduction
  - 1.2 Structure
  - 1.3 Some conceptual clarifications
2. Analysis of some impacts
  - 2.1 In relation to the immobility of urban stream of cars, the use of installed capacity and disinvestment
    - 2.1.1 Some basic data feeding the model
    - 2.1.2 The model
    - 2.1.3 Inferences
  - 2.2 Modeling the impact on productivity - labor competitiveness
    - 2.2.1 Model Assumptions
    - 2.2.2 Some data feeding the model
  - 2.3 Impact on import cargoes to Bogota
    - 2.3.1 Model
    - 2.3.2 Some data feeding the model
3. Conclusions and preliminary recommendations
4. Recognition or acknowledgments
5. References

## 6. Types of citation

The use of citations in the text of the article must be made between angular and numbering them according to the guidelines of the IEEE parentheses citation system. For example: "Recent studies show that the contributions of psychology conductive have been seriously questioned by experts on the subject" [1]. On the other hand, you must understand the syntax of the types of citations contained within a scientific article:

Direct Quote: is one that is transcribed verbatim. Example: new educational devices such as houses of education and normal schools according to General Santander motivate "to citizens of a State acquire the knowledge, rights and duties of man in society" were created [9].

extensive direct quote: occupies more than less than 40 words for it to be inserted into the text leaving an indentation of four spaces on both sides, and separated from the text by two interline.

## 7. Tipos de citación

Full bibliographic references should only be included at the end of the article and must only understand the specific literature on the subject. They presented below the following examples following the IEEE standards:

### 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 journal, 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. "Bluetooth 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.

*Examples:*

- [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.

*Examples:*

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

### Patents

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

*Examples:*

- [1] J. P. Wilkinson, "Non linear resonant circuit devices", U.S. Patent 3 624 12, 16 de Julio de 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/Boletín\\_de\\_Mesa\\_Técnica\\_de\\_Discapacidad\\_2014.pub\\_ver\\_4\\_nov.pdf](http://www.ine.gov.ve/documentos/SEN/menuSEN/pdf/subcomitedemografica/Documentos2014/Boletín_de_Mesa_Técnica_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](https://oerknowledgecloud.org/oer_resource/author/218?sort=keyword&order=asc)

## 8. Selection procedure

Authors should submit via the Open Journal System (OJS) platform journal the following: originality of the article (in the template vinculos journal), letter and letter of transfer of rights (with the signatures of all authors). For more information and to download the above formats, please refer to link <http://revistas.udistrital.edu.co/ojs/index.php/vinculos/pages/view/1>; where you can also download the instruction manual for how to enter authors of an article to Open Journal System Vinculos journal. The fact that a document is received does not imply the obligation of publication.

The editorial committee is responsible for reviewing documents in order to verify compliance with the proposed rules in the instructions to the authors and the relevance of the topic for the journal. If the document does not meet the form or your subject is not relevant, it will be returned to the author for modification.

After the first filter, the document is sent to the committee of peer reviewers, who will be responsible

for assessing their subject matter. The review is of type double-blind, meaning that the document is delivered to peers without information of author (s) and the author (s) is made to get information evaluation without peer reviewers

The number of peer reviewers provided is two. However, the concept of a couple more will be requested, if the comments of the two initials are contradictory

Once completed the phases of corrections form and substance, the article refers to copyediting and then to diagramming

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