

# GUIDELINES FOR PUBLICATION IN THE INGENIUS JOURNAL

The papers submitted to the INGENIUS journal must be adjusted to the following criteria:

## General criteria

1. Papers written by national or foreign researchers could be published if they accomplish the required scientific quality.
2. INGENIUS journal publishes articles related to complete research, literature reviews, reports of technological development, scientific papers, proposals for models and innovations and thesis results as long as they are a contribution to the field of Science and Technology.
3. The journal publishes original papers in English or Spanish, that is, they should not have been published before through any printed or electronic means.
4. All papers will undergo a rigorous process of arbitration and the evaluation, made according to the following criteria: originality, relevance, timeliness, contributions, scientific rigor and compliance with established publishers.
5. Being an arbitrated publication, the Editorial Board approves its publication based on the concept of specialized pairs. The receipt of a paper does not imply commitment to be published.
6. It is necessary to present a letter to the Editorial Board, authorizing the journal's publication of the research, attesting to the originality and to being the author of it. In addition, recorded evidence or credentials must be given to confirm the affiliation to the university or research center, as it is stated in the paper.
7. In recognition of his or her contribution, each author will receive two copies of the edition in which the paper is published.
8. The proposed paper should submitted to:  
 <revistaingenius@ups.edu.ec> or

<jcalle@ups.edu.ec>.

9. The site to access previous published journals is:  
 <<http://ingenius.ups.edu.ec/>>

## Technical requirements

10. Articles must be written using Microsoft Word® (.doc or .docx) or L<sup>A</sup>T<sub>E</sub>X (.tex). The templates to be used can be downloaded from the journal website.
11. The illustrations and tables should be numbered sequentially and include a narrative description for each. The equations in the article should also be numbered.
12. When submitting the article, do not try to design the manuscript. Use a font size of 12 points in the entire manuscript. Justify the right margin.
13. Use space after periods, commas and question marks.
14. Use double "enter" at the end of each paragraph and heading title. Do not use "enter" anywhere else, let the word processing program automatically break the lines.
15. Do not center headings or subheadings and let them be left aligned.
16. Tables should be created in the same program used for the body of the document, but must be stored in a separate file. Use tabs, not spaces, to create columns. Remember that the final size of printed pages is approx. 21 x 28 cm, and that your tables should be designed to fit the space of the final print.

## Instructions for preparing manuscripts

17. The manuscript should be no more than 5000 words in length and include some or all of the following elements:

## Header

- Title
- Authors and their institutional affiliation
- Abstract in English and Spanish
- Keywords in English and Spanish

## Body of work

- Introduction
  - Substantiation
  - Definitions
  - Review of the literature
  - Formulation of objectives and development of hypotheses
- Materials, sources and methods
  - Data collection
  - Treatment of the variables
  - Statistical analysis
- Results
- Discussion
- Conclusions

## Bibliography references

- References

## Additional material

- Graphic elements
  - Tables
  - Acknowledgment
18. The article must include the header title, and then the information from each of the authors: below the header the full name, and at the bottom of the page: the title, undergraduate degree and the highest obtained graduate degree, position and institution where the author works, telephone numbers (conventional and cellular), address and email. If more than one author exists, indicate who the principal author is to whom correspondence should be sent.
  19. The ‘Abstract’ should be in Spanish and English, respectively; all manuscripts must be a single paragraph, short and concise (maximum 250 words) and summarize the results of the article. The abstract should be informative not indicative.
  20. There will be three to six keywords to represent the main topics of the article and these should

be placed at the end of the abstract.

21. The sections of ‘Introduction’, ‘Materials and methods’, ‘Results’, ‘Discussion’ and ‘Conclusions’ may be structured differently. If the article describes a study in a particular area, it must be described in a subheading under ‘Materials and methods’.
22. ‘Results’, ‘Discussion’ and ‘Conclusions’ can be combined in some cases.
23. ‘Acknowledgment’ should be short, not to exceed one paragraph and placed at the end of the paper.
24. When using citations in the article, you must use a bracket with a number inside which would be included in the literature eg. [1], and it would be placed in ascending order. Textual citations must be used with quotation marks in italics and then use a bracket with the corresponding number in the IEEE format.
25. ‘References’ are placed at the end of the text, after the concluding section.
26. Las ‘References’ are placed and sorted in order of appearance.
27. It should be checked carefully that all citations are placed in the text and appear in the list of ‘References’. In the list should appear only references that were used in the main body of the paper, in tables or figures; this means that no other references should appear, even those ones that the author has consulted for the preparation of the article.
28. The section ‘References’ should be included in a separate file, for L<sup>A</sup>T<sub>E</sub>X, provide the bibliographic information file (.bib); or if the article is written on Microsoft Word<sup>®</sup> or another word processor add a table on Microsoft Excel<sup>®</sup> (.xls or .xlsx). Thus the references format of the journal are automatically positioned, as shown in examples below.

## References

- [1] R. Balasubramani and V. Kannan, “Efficient use of MPEG-7 color layout and edge histogram descriptor in CBIR systems,” *Global Journal of Computer Science and Technology*, vol. 9, no. 4, pp. 157–163, 2009.

- [2] S. Berretti, A. Del Bimbo, and P. Pala, "Retrieval by shape similarity with perceptual distance and effective indexing," *IEEE Transactions on Multimedia*, vol. 2, no. 4, pp. 225–239, 2000.
- [3] L. Graham, *Introduction to Mechanical Measurements*, Houston, 2006. [Online]. Disponible en: <http://cnx.org/content/col10385/1.1/>
- [4] T. Kijak, T. Furon, and L. Amsaleg, "Deluding image recognition in SIFT-based CBIR systems," in *Multimedia in Forensics, Security and Intelligence (MiFor)*, Florence, Italy, October 29 2010.
- [5] M. Kozłowski, M. Mackiewicz-Talarczyk, M. Muzyczek, and J. Barriga, "Future of natural fibers, their coexistence and competition with man-made fibers in 21st century," *Molecular Crystals and Liquid Crystals*, vol. 556, no. 1, 2012.
- [6] D. Tahmouh, "CBIR for mammograms using medical image similarity," *Society of Photo-Optical Instrumentation Engineers (SPIE) Conference Series*, vol. 7628, p. 8, 2010.
- [7] X. Xu, Y. Wang, X. Zhang, G. Jing, D. Yu, and S. Wang, "Effects on surface properties of natural bamboo fibers treated with atmospheric pressure argon plasma," *Surface and interface analysis*, vol. 38, no. 8, pp. 1211–1217, 2006.
32. Different elements in the same figure should be spelled a, b, c, etc.
33. The photographs must be recorded with high contrast and high resolution. Remember that pictures often lose contrast in the printing process.
34. Line drawings and maps should be prepared with black ink.
35. The text figures and maps should be written in letters easily legible.
36. If the figures have been previously used, it is the responsibility of the author to obtain a permit to avoid further problems related to copyright.
37. Each figure must be submitted in a separate file, either as a bitmap (.jpg, .bmp, .gif, or .png) or vector graphic (.ps, .eps, .pdf)

For more details see:

<<http://www.ieee.org/documents/ieeecitationref.pdf>>

## Preparation of figures

29. Figures may be line drawings, maps and half tone photographs in black and white or color resolution of 300 dpi.
30. Do not combine photographs and line drawings in the same figure.
31. Design figures to eventually fit to the final size of the journal 21 x 28 cm. Make sure the registration or details as well as lines are set with appropriate sizes and thicknesses so that they are not unreadable when reduced to its final size. (numbers, letters and symbols should be reduced at least 2.5 high after the pictures have been reduced to fit the printed page). Ideally, line art should be prepared to approximately one quarter of its final size of publication.

## Editorial procedure

For publication of articles in the INGENIUS, submission and review is carried out with two procedures:

38. When the item has been received by the editor, a first review takes place with in a national editorial board to determine the relevance and scientific soundness of the submission, if this is accepted in this review it passes to the next process.
39. The second review process is the evaluation by national or foreign experts using the blind-review method following the next steps:
  - The article is assigned a number.
  - The editor assigns the article to an internal editorial board member, who will oversee the review process.
  - The internal editorial board member assigns the article to two or more reviewers.
  - After reviewing the article, the reviewer forwards the report to the internal editorial board member in a digital format.
  - The internal editorial board member makes recommendations based on the reviews.
  - Subsequently, the internal editorial board member presents the complete review formats to the editor with the recommendations
  - The editor confirms or discusses the recommendations.

- Once confirmed, the publisher informs the author of there commendations and gets feedback from the review.
  - The editor makes a copy of the recommendations and commentaries which were made by the internal editorial board member and all the reviewers.
40. The reviews for the INGENIUS journal are made anonymously. The author receives only the reviewers' comments.
41. If the reviewer rejects a paper, there is a proper feedback to the author.
42. The author has a unique opportunity to improve an article by making revisions and corrections, so the reviewers use clear, concise and complete comments for improvements.

### **Final comment**

43. The INGENIUS journal publishes two issues per year in the months of January and July, so it is important to consider the dates for submission of articles for review.