

TEMPLATE FOR SUBMITTING THE MANUSCRIPT

Types of Manuscript (Research/ Review/ Short communication/ Research notes)

Title of Paper in Title Case

(The first letter of each word in the title should be capitalized except for certain small words like “a,” “the,” and “of.,” etc)

First Author^{#*}, Second Author^{\$}, Third Author[#], and Fourth Author[!]

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ABSTRACT

An abstract of about 150-200 words for research & review articles, and about 100 words for short communications should be provided in concise and factual manner. The abstract should state briefly the purpose of the research, the principal results, and major conclusions. It should attract the reader to looking further into the paper. Any undefined abbreviations and references should be avoided.

Keywords: Keyword1; Keyword2; Keyword3; Keyword 4 *(4-6 keywords in running case like – Missile system; Short-range ballistic missile, etc. separated by semi-colon (;) which will be used for indexing purpose, use British spelling and avoid general and plural terms and multiple concepts).*

NOMENCLATURE

Define abbreviations that are not standard in this field. The nomenclature of mathematical symbols and signs used in the text should be given immediately after the keywords. Authors can follow any of the standard units and symbols developed by international agencies in their fields for this purpose.

EXAMPLE

σ Radar cross section

K Boltzmann constant

Subdivision - numbered sections

Divide your article into clearly defined sections. Each subsection should have a brief heading. Each heading should appear on its own separate line.

1. INTRODUCTION

State the objectives of the work and provide an adequate background, avoiding a detailed literature survey or a summary of the results. This gives background to the topic and research already done and the need for this research in short. Introduction orients the reader to the contents of the paper. A well written introduction draws the attention of the reader and establish the tone, subject and its limitations.

Typescripts required for consideration in the journal are:

- **Research Articles** (Technical contents: 4000 words) are expected to contain original research findings in a clear and concise manner. Papers reporting theoretical, laboratory, and field test results are also considered for publication.

- **Review Articles** (Technical contents: 6000 words) are expected to survey, integrate, and critically examine new information accumulated in recent years in a particular subject field. A theme-based topic relevant in the area defence science & technologies.
- **Short Communication/ Research note** (Technical contents: 2000 words) are normally brief reports or technical notes on the progress of ongoing research and/or an application.

State the objectives of the work and provide an adequate background, avoiding a detailed literature survey or a summary of the results. This gives background to the topic and research already done and the need for this research in short. Introduction orients the reader to the contents of the paper.

2. MATERIAL AND METHODS

Provide sufficient detail to allow the work to be reproduced. Methods already published should be indicated by a reference: only relevant modifications should be described. Discuss Materials, Experimental setup and Instrumentation related to your research.

2.1 Sub Heading 1

Each subsection should be given a brief heading. Each heading should appear on its own separate line.

2.1.1 Subsection 1

Table 1.

Tables should supplement and should not duplicate the information contained in the text. Tables should be explicitly referred to in the text in numerical order with brief titles. Column headings should be brief, bold and the units of measurement should be placed below the headings in parentheses. All Tables should be available with captions. Maximum Five-Six (5-6) Tables are allowed in a manuscript.

2.1.2 Illustrations

All figures (charts, diagrams, line drawings, and photographic images) should be of good quality, preferably in TIFF format. Make sure all necessary files have been uploaded/attached separately. All figure captions are available. Illustrations should be numbered in order of their occurrence in the text with Indo-Arabic numerals (e.g. Fig 1) and should have short descriptive captions.

Scanned/Xeroxed images reproduced poorly need not be included. Illustrations taken from other publications must be acknowledged. Maximum Six (6) figures are allowed in a manuscript.

2.1.3 Special Items

When chemical/mathematical equations are used in papers, these should be legible. Use of **MathType** software (preferable) or other similar software that allows the creation of mathematical notations is encouraged.

Reference to the equations in the text should be abbreviated as Eqn (1), Eqns (5-7), etc.

3. RESULTS

The results should be clear and concise.

4. DISCUSSION

This should explore the significance of the results of the work, not repeat them. A combined results and discussion section is often appropriate. Avoid extensive citations and discussion of published literature.

5. CONCLUSION

The main conclusions of the study may be presented in a short conclusions section, which may stand alone or form a subsection of a discussion or results and discussion section.

REFERENCES

Journal follows its own Reference Style, please adhere to the same. The references should be latest, adequate and accurate

Examples:

doi:10.1115/GT2004-54163

Journal Article

1. Rao, M. & Ratnam, D. Faster acquisition technique for software-defined GPS receivers. *Sci. J.*, 2015, **65**(1), 5-11. doi:10.14429/dsj.65.5579
2. Weifan, C.; Fengsheng, L.; Jianxun, L.; Song, Hongchang & Yu, Jiyi. Nanometer Co₃O₄ powder by solid phase reaction. *Cuitua Xucbao*, 2005, **26**(2), 1073-77 (Chinese).
3. Wang, Z.J.; Birch, J.M. & Dickinson, M.H. Unsteady forces and flows in low Reynolds number hovering flight: Two-dimensional computations vs robotic wing experiment. *Experimental Biol.*, 2004, **207**(3), 449-60.
doi: 10.1242/jeb.00739 <http://jeb.biologists.org/cgi/content/full/207/3/449> [Accessed on 17 November 2007].

Book/Monograph

1. Hitchins, Derek K. System engineering: A 21st century systems methodology. John Wiley, England, 2007. 502 p.

Chapter from a Book

1. Bodony, D.J. & Lele, S.K. Applications and results for large-eddy simulations for acoustics: Far-field jet acoustics. In LES for eddy acoustics, edited by C. Wagner, T. Huttli & P. Sagaut. Cambridge University Press, Cambridge, England, UK, 2005. pp. 289-310.
doi: 10.1017/CBO9780511546143.008
2. Loksha, B.N. Advanced avionics and electronic warfare system for fighter aircraft. In DRDO Technology Spectrum. Defence Research and Development Organisation, Ministry of Defence, India, 2008. pp. 10-26.

Conference Paper

1. Ekstein, J.; Freitag, E.; Hirsch, C. & Sattelmayer, T. Experimental study on the role of entropy diffusion waves in low-frequency oscillations for a diffusion burner. In Proceedings of the ASME Turbo Expo 2004: Power for Land, Sea, and Air, ASME, Fairfield, NJ, 2004.

Report

1. Savage, S.J. Defence applications of nanocomposite materials. FOI-Swedesh Defence Research Agency, User Report No. FOI-R-1524-SE. December 2004.

Patent

1. Man, T.Y.; Leung, C.Y.; Leung, K.N.; Mok, P.K.T. & Chan, M. Single-transistor-control low-dropout regulator. US patent 7285952, 23 October 2007.

Standard

1. International Organisation for Standardisation. Document Management—Electronic document file format for long-term preservation—Part 1: Use of PDF 1.4 (PDF/A-1). ISO 19005-1:2005, Geneva, Switzerland. ISO, 2005.

Thesis/Dissertation

1. De Roek, W. Hybrid methodologies for the computational aeroacoustic analysis of confined, subsonic flows. Katholieke University, Leuven, Belgium, 2007. (PhD Thesis).

(For more referencing style, please visit journal's website)

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CONTRIBUTORS

Prof./ Dr./ Mrs./ Mr. ----- [Give details of all the contributors associated with the research paper. Details should be limited to Qualification, Affiliation, Area of Research, Individual contributions in the study is also need to be mentioned.