

Type the Title of This Paper Capitalize First Letter of Each Content Word (20, Bold)

First Author, Second Author (11, Bold)

Line 1 (of Affiliation): Dept. Name of Organization

Line 2: Name of Organization, Acronyms Acceptable

Line 3: City, Country

Line 4: e-mail address if desired (9, Regular)

Abstract – This document gives formatting instructions for authors preparing papers for publication in UIJES. The authors must follow the instructions given in the document for the papers to be published. You can use this document as both an instruction set and as a template into which you can type your own text. The body of abstract immediately follows abstract heading in the same paragraph. For example, this paragraph begins with abstract heading

Keywords – Include at least 4 keywords or phrases, must be separated by commas to distinguish them. (11, Bold)

I. INTRODUCTION (12, BOLD, SMALL CAPS)

This guideline is used for United International Journal of Engineering and Sciences (UIJES). These are the manuscript preparation guidelines used as a standard template for all paper submissions of UIJES. Author must follow these instructions while preparing/modifying these guidelines. (11, Regular)

II. PAGE LAYOUT

An easy way to comply with the UIJES journal paper formatting requirements is to use this document as a template and simply type your text into it.

Your paper must use a page size corresponding to A4 which is 181mm (7.16") wide and 257mm (10.12") long. The page margins can be set as moderate or set as follows:

- Top = (1.0")
- Bottom = (1.0")
- Left = (1.0")
- Right = (1.0")

Your paper must be in single column format with a size of column of 131 mm (5.17"). Spacing between lines in a paragraph is 1.0. After each section one line space has to be left. Between the paragraphs 6 points space has to be left before and after the paragraph. (11, Regular)

Your paper must be in single column format with a size of column of 131 mm (5.17"). Spacing between lines in a paragraph is 1.0. After each section one line space has to be left. Between the paragraphs 6 points space has to be left before and after the paragraph. (11, Regular)

III. PAGE STYLE

All paragraphs must be indented. All paragraphs must be justified, i.e. both left-justified and right-justified.

1. Text Font of Entire Document (11, Bold)

Type your main text in 10-point Times, single-spaced. Do **not** use double-spacing. Your paper must be in single column format. Be sure your text is fully justified—that is, flush left and flush right. Please do not place any additional blank lines between paragraphs.

2. Title and Author Details

Title must be in 20 pt Bold Times new roman font Sentence case. Author name must be in 11 pt Bold Times new roman font. Author affiliation must be in 9 pt regular. Email address must be in 9 pt Times new roman Regular font.

All titles and author's details must be in single-column format placed in cells of table with borders set to no line and centered.

Every word in a title must be capitalized except for short minor words such as "a", "an", "and", "as", "at", "by", "for", "from", "if", "in", "into", "on", "or", "of", "the", "to", "with".

Author details must not show any professional title (e.g. Professor), any academic title (e.g. Dr.) or any membership of any professional organization.

To avoid confusion, the family name must be written as the last part of each author name.

Each affiliation must include, at the very least, the name of the company and the name of the country where the author is based (e.g. XXX Private Ltd, India).

3. Section Headings

No more than 3 levels of headings should be used. Every word in a heading must be capitalized except for short minor words as listed in Section III-2.

3.1 Level-1 Heading: A level-1 heading must be in Small Caps, centered and numbered using uppercase Roman numerals. For example, see heading "I. Introduction" of this document. Headings must be in 12pt bold with small caps font. The two level-1 headings which must not be numbered are "Acknowledgment" and "References".

3.2 Level-2 Heading: A level-2 heading must be in bold, left-justified and numbered using an uppercase alphabetic letter followed by a period. Headings must be in 11pt bold font. For example, see heading "3. Section Headings" above.

3.3 Level-3 Heading: A level-3 heading must be indented, in bold and numbered. The level-3 heading must end with a colon. The body of the level-3 section immediately follows the level-3 heading in the same paragraph. Headings must be in 11pt bold font. For example, this paragraph begins with a level-3 heading.

3.3 Level-3 Heading: A level-3 heading must be indented, in bold and numbered. The level-3 heading must end with a colon. The body of the level-3 section

immediately follows the level-3 heading in the same paragraph. Headings must be in 11pt bold font. For example, this paragraph begins with a level-3 heading.

IV. FIGURES AND TABLES

Figures and tables must be centered in the columns. Large figures and tables may span across both columns. Any table or figure that takes up more than 1 column width must be positioned either at the top or at the bottom of the page.

Graphics may be full color. Graphics must be drawn using solid colors which contrast well both on screen and on a black-and-white hardcopy. The caption of the graph must be in 11 pt Times new roman regular font. Captions must be of a single line must be centered whereas multi-line captions must be justified. Captions with figure numbers must be placed after their associated figures.

Please check all figures in your paper both on screen and on a black-and-white hardcopy. When you check your paper on a black-and-white hardcopy, please ensure that:

- the colors used in each figure contrast well,
- the colors used in each figure contrast well,
- the image used in each figure is clear,
- all text labels in each figure are legible.

1. Figure Captions

Figures must be numbered using numerals. Figure captions must be in 10 pt Times new roman regular font. Captions must of a single line must be centered whereas multi-line captions must be justified. Captions with figure numbers must be placed after their associated figures, as shown in Fig.1. Authors are advised not to include low resolution and poor quality images, since it reduces the credibility of the journal.

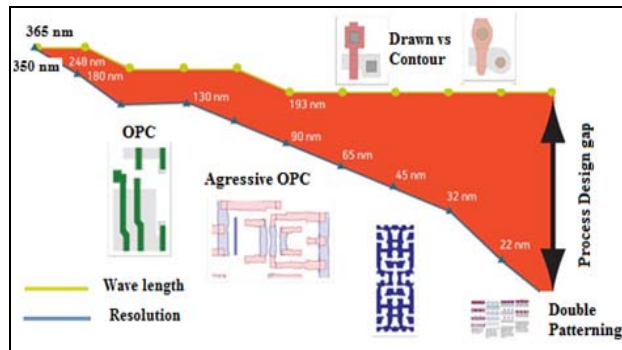


Fig.1. Process Design Gap (Figure shows drawn Vs printed gap increases as we move towards smaller device size)

2. Table Captions

Tables must be numbered using numbers. Table captions must be centred and in 10 pt Time new roman Regular font. Every word in a table caption must be in regular font. Captions with table numbers must be placed before their associated tables. Tables should not be images. The contents of the table must be in 10 point times new roman regular font.

Table I: Font Sizes for Papers

Font Size	Appearance (in Time New Roman or Times)		
	Regular	Bold	Italic
11	table caption, figure caption, reference item		reference item (partial)
11	author email address, cell in a table	abstract body	abstract heading (also in Bold)
12	level-1 heading (in Small Caps), paragraph		level-2 heading, level-3 heading, author affiliation
11	author name		
20	title		

V. SOME HELPFUL HINTS

1. Equations

Equations should be numbered consecutively throughout the paper. The equation number is enclosed in parentheses and placed flush right, as in (1). Your equation should be typed using the Times New Roman font (please no other font). To create multileveled equations, it may be necessary to treat the equation as a graphic and insert it into the text after your paper is styled.

If you are using *Word*, use either the *Microsoft Equation Editor* or the *MathType* add-on (<http://www.mathtype.com>).

$$f_n(x) \frac{d^n y}{dx^n} + \dots + f_1(x) \frac{dy}{dx} + f_0(x)y = h(x) \quad (1)$$

2. Abbreviations and Acronyms

Define abbreviations and acronyms the first time they are used in the text, even after they have already been defined in the abstract. Abbreviations such as SI, ac, and dc do not have to be defined. Abbreviations that incorporate periods should not have spaces: write “V.L.S.I.,” not “V. L. S. I.” Do not use abbreviations in the title unless they are unavoidable (for example, “United International Journal of Engineering and Sciences” in the title of this article).

3. Links and Bookmarks

All hypertext links and section bookmarks will be removed from papers during the processing of papers for publication. If you need to refer to an Internet email address or URL in your paper, you must type out the address or URL fully in Regular font.

VI. CONCLUSION (12, BOLD, SMALL CAPS)

A conclusion section is not required. Although a conclusion may review the main points of the paper, do not replicate the abstract as the conclusion. A conclusion might elaborate on the importance of the work or suggest applications and extensions.

REFERENCES (12, BOLD, SMALL CAPS)

The heading of the References section must not be numbered. All reference items must be in 9 pt font. Please use Regular and Italic styles to distinguish different fields as shown in the References section. Number the reference items consecutively in square brackets (e.g. [1]).

When referring to a reference item, please simply use the reference number, as in [2]. Do not use “Ref. [3]” or “Reference [3]” except at the beginning of a sentence, e.g. “Reference [3] shows ...”. Multiple references are each numbered with separate brackets (e.g. [2], [3], [4]–[6]).

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- [2] M. Lu, et al., “Novel customized manufacturable DFM solutions,” *Proc. SPIE Photo mask Technology 2012*, vol. 8522, pp. 852223, December 2012.
- [3] Sergio Gomez and Francesc Moll. “Lithography aware regular cell design based on a predictive technology model.” *J. Low Power Electronics*, 6(4):1–14, 2010
- [4] B. Le Gratiet, F. Sundermann, J. Massin, et al., “Improved CD control for 45-40 nm CMOS logic patterning: anticipation for 32-28 nm”, In proceedings of *SPIE Vol. 7638,76380A (2010)*
- [5] Shi-Hao Chen, Ke-Cheng Chu, Jiing-Yuan Lin and Cheng-Hong Tsai “DFM/DFY practices during physical designs for timing, signal integrity, and power” *2007 IEEE conference*.
- [6] Wing Chiu Tam and Shawn Blanton “To DFM or Not to DFM” *IEEE Asia Pacific Conference on Circuits and Systems, 2006*.
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- [8] Garg Manish, Kumar Aatish “Litho-driven Layouts for Reducing Performance Variability” *IEEE 2005*
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