

International Transactions on Electrical Engineering (Center, Bold, 24 pt, TNR)

First Author Name¹, Second Author Name² (12 pt) (TNR)

Abstract: A good abstract enables the reader to find the basic content of an article quickly and accurately. It should be 150 to 250 words. The Abstract should be informative and completely self-explanatory, providing a clear statement of the problem, the proposed approach or solution, and pointing out major findings and conclusions. It should not contain any published work citations. Define abbreviations and acronyms for the first time they are used in the text, even if they have been defined in the abstract. Do not use abbreviations in the title unless they are unavoidable. The statements of general facts are written in the present tense. A discussion about the outcome of the research should be in the past tense. It includes a minimum of five keywords for indexing and abstracting services. (10 pt, Palatino Linotype)

Keywords: Keyword 1, Keyword 2, Keyword 3, Keyword 4, Keyword 5. (10 pt, Palatino Linotype)

1. Introduction

By using this template, the authors will be enabled to prepare their manuscript following the instructions for International Transactions on Electrical Engineering and Computer Science (ITEECS) papers with a minimal amount of manual styling and formatting. Authors should use any word processing software that is capable of making corrections to misspelled words and grammar structure according to American or Native English [1]. The research articles should not be more than 10 pages. The review articles should not be more than 18 printed pages.

For extra pages, extra charges will be collected. Authors may get help from a word processor by making the paragraph marks and other hidden formatting symbols. The Introduction should provide a clear background, a clear statement of the problem, the relevant literature on the subject, the proposed approach or solution, research gaps and the new value of research, which is innovation. The last paragraph in the introduction is the organization of the paper [2-3]. The article title should be very short and informative. It should be understandable to colleagues from a broad range of scientific disciplines. It should contain the organization of the remaining research article. All the references are cited in the text in square brackets as IEEE citations. The text is divided into subsections. Each page has margins of 0.75 inches on all sides, with one line spacing between all lines. The abstract and keywords are in single-column, whereas the remaining paper is in double column [4].

2. Materials and Methods

2.1 Authors

All author names are listed on the manuscript in Times New Roman 12 font size in single-column format. Don't use professional recognitions such as Professor, Doctor, and Engineer etc. The affiliations are in Palatino Linotype 10 font size. It is mandatory to

History

Received: 01-03-2025;

Revised: 15-05-2025;

Accepted: 30-05-2025



K. Sahithi

sahithikandhukuri37@gmail.com

¹Department of Electrical and Electronics Engineering, Jawaharlal Nehru Technological University, Hyderabad – 500085, India

link the researcher's public research profiles such as ORCID ID or Scopus ID.

2.1.1 Affiliations

When preparing author affiliations in a research paper, include only official and current institutional details that accurately reflect where the work was conducted. Affiliations should contain the department, institution or university name, city, and country, written in a consistent format for all authors. Use superscript numbers to match each author to the appropriate affiliation, and list multiple affiliations separately. Do not include personal information such as home addresses, unofficial titles, job descriptions, or temporary roles that are unrelated to the research. Avoid adding honorary positions, previous institutions, or affiliations not directly connected to the work, as these may be considered misleading. Only use institutional email addresses if required by the journal, and ensure the details are concise, professional, and verifiable.

2.2 Equations

The authors are instructed to use any other equation editing software. Use "Eq. (1)" or "equation (1)," while citing. Number equations consecutively with equation numbers in parentheses flush with the left margin, as in Eq. (1). The nomenclature should be explained.

$$\Delta Q = V^2 \left(\frac{1}{2\pi f(L + \Delta L)} - 2\pi f(C + \Delta C) \right) \quad (1)$$

2.3 Tables

Captions to the tables are mentioned above the Table with 10 font size Palatino Linotype. All the tables are cited in the text and centered. The data in the tables is 8 in font size as shown in Table 1.

Table. 1: Caption of the

Variable	Speed (rpm)	Power (kW)
x	1000	10
y	1500	20
z	2000	30
a	3000	50

2.4 Figures

All figures are cited in the text as Fig.1 and so on sequentially. For all figures and equations, the paragraph spaces are added above and below. When placing a figure at the top of a page, the top of the figure should be at the same level as the first text line of the other column. Captions to illustrations should be aligned left and should be 10 pt. All figures should be original with high resolution. The screenshots of the illustrations are not accepted.

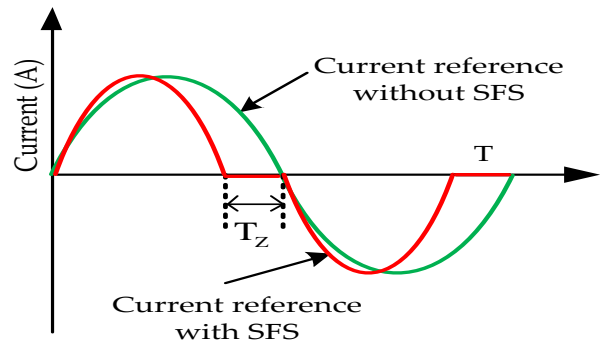


Fig. 1: Name of the figure

The peer-review system improves the quality of research and filters plagiarized papers. All papers are initially screened with plagiarism detection software. The size of the figures should fit the size of the given template. The use of bold, thick block should be avoided in legends of figures as it will not be good for printing. The legends of figures are in 10 font size Palatino Linotype, as same as the running text.

3. Submission Process

All articles are submitted through the online submission process. Each article will go through a single blind peer review process with a minimum of two reviewers. The manuscripts are submitted in any format. However, the accepted manuscripts should strictly follow the template. All accepted manuscripts are open access and free to download for all.

4. Results and Discussion

This section presents a comprehensive discussion of results with the proposed methods in terms of figures, graphs, charts, and tables. This section may be divided into sub-sections.

5. Conclusion

This conclusion section presents the novelty of the proposed method. There should be compatibility between the results and the discussion with the introduction and conclusion sections. Don't repeat the sentences used in the abstract and body of the article. It should emphasize the main contribution of research findings to the literature.

Supplementary Materials

The authors can keep the information related to any supplementary materials used in this paper.

Acknowledgment

You can add your acknowledgments that support the part of the study in this article.

Funding

The authors should add the funding details here. "This research received no external funding" or "This research was funded by FUNDER NAME, grant number XXX". Check carefully that the details given are accurate and use the standard spelling of funding agency names at <https://search.crossref.org/funding>. Any errors may affect your future funding.

Data Availability Statement

We encourage all authors to make their research data openly available. In this section, please specify where the data supporting your results can be accessed. Include links to any publicly archived datasets that were analyzed or generated during the study.

Conflict of Interest

In this part of the article, the authors should declare a conflict of interest.

CRedit authorship contribution statement

For research articles with several authors, a short paragraph specifying their individual contributions must be provided. The following statements should be used: "Conceptualization, X.X. and Y.Y.; methodology, X.X.; software, X.X.; validation, X.X., Y.Y. and Z.Z.; formal analysis, X.X.; investigation, X.X.; resources, X.X.; data curation, X.X.; writing—original draft preparation, X.X.; writing—review and editing, X.X.; visualization, X.X.; supervision, X.X.; project administration, X.X.; funding acquisition, Y.Y. All authors have read and agreed to the published version of the manuscript." Authorship must be limited to those who have contributed substantially to the work reported.

References

Cite most of the references from international journals and conference proceedings. The maximum of the references is from the latest years. Cite all the references consistently in the text.

Journal articles

- [1] C. R. Reddy, J. H. Choi and B. Pangedaiah, "Absolute Positive Sequence Voltage Difference Based Passive Islanding Detection in Micro Grids", *IEEE Transactions on Industry Applications*, Vol. 60, No. 3, pp. 4633-4641, 2024. <https://doi.org/10.1109/TIA.2024.3360372>
- [2] A. K. Vali, P. S. Varma, and C. R. Reddy, "Pelican-FOPID Based DSTATCOM for real-time load compensation and harmonics mitigation in three-phase distribution system", *Sustainable Computing: Informatics and Systems*, Vol. 42, art. no. 100978, 2024. <https://doi.org/10.1016/j.suscom.2024.100978>

Conference proceedings

- [3] E. A. Mertens, L. F. S. Dias, F. A. Fernandes, B. D. Bonatto, J. P. G. Abreu and H. Arango, "Evaluation and trends of power quality indices in the distribution system", *9th International Conference on Electrical Power Quality and Utilization*, Barcelona, pp. 1-6, 2007. <https://doi.org/10.1109/EPQU.2007.4424212>

Book Chapters/Books

- [4] Ch. Amarendra and K. H. Reddy “PSO Algorithm Support Switching Pulse Sequence ISVM for Six-Phase Matrix Converter-Fed Drives”, *Smart Intelligent Computing and Applications*, pp. 559-569. Springer, Singapore, 2019.
https://doi.org/10.1007/978-981-13-1921-1_55

Standards/Reports

- [5] “IEEE Standard for Interconnection and Interoperability of Distributed Energy Resources with Associated Electric Power Systems Interfaces”, *IEEE Standards 1547-2018*, pp.1-138, 6 April 2018,
<https://doi.org/10.1109/IEEESTD.2018.8332112>



Copyright: © 2025 by the authors, Licensee ITEECS, India. This article is an open access article distributed under the terms and conditions of the Creative Commons Attribution (CC BY) license (<https://creativecommons.org/licenses/by/4.0/>).
