

# AUTHOR GUIDELINES

Authors should follow these guidelines when submitting the manuscripts.

1. Manuscripts should be submitted online by one of the authors of the manuscript through Jurnal Nasional Teknik Elektro dan Teknologi Informasi website.
2. Length of the article must be between 6 to 10 pages of A4 (210 x 297 mm) articles which format must follow the provided template including figures and tables format. The article is written on Microsoft Word (using .docx extension file) with margins: 23 mm (top); 13 mm (left and right); and 18 mm (bottom).
3. Title corresponds to the language in which the article is written. If the article is written in Indonesian, the title is in Indonesian, and vice versa. It also applies to Intisari (only for Indonesian articles) and Abstract (only for English articles).
4. Title consists of 12 words at most. It is written in 20pt Helvetica and bold typeface, single-spaced, and left-aligned. Prior to publication, the editors have the right to edit the title, in a way, without altering its meaning and without authors' permission if it exceeds the predetermined requirement.
5. Abstract and Intisari appear at the beginning of the article. Abstract and Intisari must not contain figures, tables, and citation numbers. Abstract is written in English, while Intisari is in Indonesian. The paragraph begins with "Abstract" and "Intisari" followed by an em dash (—) and then the content. The contents of Abstract and Intisari are written in 10pt Times New Roman, justified, and single-spaced. The length of Abstract and Intisari is between 200–250 words. Abstract and Intisari should represent the essence of the article's content (including introduction, methodology, and result).
6. Keywords contain four up to eight words separated by a comma, written in 10pt Times New Roman, justified, and single-spaced. Keywords are carefully selected so they can represent the concept presented in the article and help the accessibility of the article in question.
7. The body of text must comply with the following rules:
  - a. Written in two column format with 7.1 mm (0.28") space between the columns, in 10pt Times New Roman, justified, and single-spaced. Margins are set as follows: top = 23 mm (0.90"); bottom = 18 mm (0.70"); left = right = 13 mm (0.51").
  - b. The systematics of article writing must contain four main parts: (1) Introduction, (2) Main Content (Methodology and others), (3) Result and Discussion, and (4) Conclusion. Acknowledgments may be presented after the Conflict of Interest section or Author Contributions section (if any). Reference is placed at the end of the article. Appendix(es), if needed, appears after the Reference section. The required chapter titles are Introduction and Conclusion. Results and Discussion may be written in one chapter or in a separate chapter.
  - c. The maximum heading is made in 3 levels:
    - Heading 1: Level 1 heading must be in uppercase 9pt Helvetica and bold typeface, left-aligned, and using uppercase Roman numeral. For example, "**I. INTRODUCTION.**" Level 1 headings not labeled with numbers are Conflict of Interest, Author Contribution, Acknowledgment (if any), References, and Appendix (if any).
    - Heading 2: Level 2 heading must be in uppercase 9pt Helvetica, bold, italics, left-aligned, and numbered using uppercase alphabets. For example: "**C. HEADING SECTION.**"
    - Heading 3: Level 3 heading must be uppercase and numbered with Arabic numerals followed with right parentheses. The contents of the level 3 heading are under the heading title as a new paragraph. For example, this section starts with heading level 3. For example, "**3) HEADING LEVEL 3.**"
  - d. Figures and tables are centered. Large figures and tables can be stretched in both columns. Each table or figure that includes a width of more than 1 column must be placed at the top or bottom of the page. Figures are allowed to be colored and numbered using Arabic numerals. Figure label is written in 7pt Helvetica and bold; while the caption is written in 7pt Helvetica, not bold. Single-row figure captions are centered, while multi-row captions are justified. Figure caption is placed after the associated image. Table label and title are centered and placed before the associated table, using 8pt Times New Roman in small caps.

- e. Tables must be created in Microsoft Word and are not screen capture results in image file formats, such as JPG and PNG format.
- f. Mathematical equations must be written clearly, numbered in sequence, and completed with the information needed. Mathematical equations are not screen capture results and must not be in image file formats, such as JPG and PNG format.
- g. Algorithms and program listings are written as parts of a paragraph and are not regarded as figures or tables. Algorithms and listing programs must not be in screen capture image format, such as JPG or PNG.
- h. Use of language:
  - The article must be written in good Indonesian or English. The article written in Indonesian must conform with the fifth edition of Ejaan Bahasa Indonesia yang Disempurnakan (EYD), including the numbering system. The numbering system in English articles adheres to the English numbering system.
  - Non-Indonesian words or untranslatable non-Indonesian words in Indonesian articles are italicized, so are non-English words or untranslatable non-English words in English articles.
- i. Page number, header, and footer will be added by the Editorial teams. All hypertext links and bookmarks will be deleted. If the article must refer to the email address or URL in the article, the full address or URL must be typed in a standard font.
- j. Quotes and references are written according to IEEE standards/styles (see the template on the Jurnal Nasional Teknik Elektro dan Teknologi Informasi website). Use a tool such as Zotero, Mendeley, or EndNote for reference management.
  - Quotes are numbered in the format [1], [2], [3], ... according to their order.
  - Wikipedia, personal blog, and non-scientific websites must not be cited and used as references.
  - The main reference should be within the last five years.
  - The minimum number of references is 20 with 80% of the total number of references being primary reference.
- k. A more detailed writing instruction can be seen and downloaded from the Jurnal Nasional Teknik Elektro dan Teknologi Informasi website in the Template section.

## Call for Papers

Jurnal Nasional Teknik Elektro dan Teknologi Informasi invites academicians, researchers, practitioners, industries, and observers to submit papers to our journal.

Topics cover the fields of (but not limited to):

### 1. Information Technology:

- 1.1 Software Engineering
- 1.2 Knowledge and Data Mining
- 1.3 Multimedia Technologies
- 1.4 Mobile Computing
- 1.5 Parallel/Distributed Computing
- 1.6 Data Communication and Networking
- 1.7 Computer Graphics
- 1.8 Virtual Reality
- 1.9 Data and Cyber Security

### 2. Power Systems:

- 2.1 Power Generation
- 2.2 Power Distribution
- 2.3 Power Conversion
- 2.4 Protection Systems
- 2.5 Electrical Material

### 3. Signals, Systems, and Electronics:

- 3.1 Digital Signal Processing Algorithm
- 3.2 Robotic Systems
- 3.3 Image Processing
- 3.4 Biomedical Engineering
- 3.5 Microelectronics
- 3.6 Instrumentation and Control
- 3.7 Artificial Intelligence
- 3.8 Digital and Analog Circuit Design

### 4. Communication Systems:

- 4.1 Management and Protocol Network
- 4.2 Telecommunication Systems
- 4.3 Antenna
- 4.4 Radar
- 4.5 High Frequency and Microwave Engineering
- 4.6 Wireless Communications
- 4.7 Optoelectronics
- 4.8 Fuzzy Sensor and Network
- 4.9 Internet of Things

Submission can be conducted via Jurnal Nasional Teknik Elektro dan Teknologi Informasi website on <http://jnteti.te.ugm.ac.id>. Template, Author Guideline, and further information can also be found on the website.

### Editorial Office

Department of Electrical and Information Engineering  
Faculty of Engineering Universitas Gadjah Mada  
Jl. Grafika No. 2 Kampus UGM Yogyakarta  
Telp. +62 274 552305, +62 818-0662-8555 (WhatsApp contact)  
Email: [jnteti@ugm.ac.id](mailto:jnteti@ugm.ac.id)