

The Nigerian Society of Engineers

GUIDE FOR AUTHORS

General:

Papers presented at Conferences and/or published in the Society's Conference proceedings or journals must be original and not previously published elsewhere, except where repeat publication is intended and permission obtained *in writing from the original publisher*. Copyright for original materials published in any NSE Technical Transactions transfers to The Nigerian Society of Engineers.

Purpose:

To ensure consistency in presentation of papers published in the NSE Technical Transaction, manuscripts must conform to strict structural and format specifications before they can be published. This guide specifies the key elements of the acceptance format. A sample manuscript formatted in line with these instructions can be obtained on the journal portal by prospective authors.

Publication Schedule:

The NSE TECHNICAL TRANSACTIONS: Journal of Nigerian Society of Engineers (NSE) is published quarterly by the Nigerian Society of Engineers (NSE)

Manuscript Layout:

The manuscript should be typed double space on A4 paper (216mm x 279mm) on one side of the paper only, with left, right and top bottom margins of 25.4cm. The size of fonts and character should be Arial 10points regular. Other details of layout include:

Paper title:	Arial 12pt bold all upper-case letters, page-centred
Authors' names:	Arial 9pt italics, page-centred
Section titles:	Arial 10pt bold all upper case left-aligned
Sub-Section titles:	Arial 10pt bold page left-aligned
Abstract:	Arial 10pt italics page-centred (single spacing)

The paper should not exceed 12 pages including Figures, Tables and Plates. Any Paper that exceeds 12 pages shall attract additional charge per page.

Organization of the Manuscript:

The manuscript should be organized in the following order; Title, Author's name and address including E-mail address and telephone number; Abstract; Keywords; Introduction; Materials and Methods; Results and Discussion; Conclusion; Recommendations; Notation (If any); Acknowledgement; References.

The main headings listed above should be capitalised and page-centre justified. The sub-headings and sub-sub-headings should be in bold font and left justified. Headings and sub-headings should be identified with numbers such as 1; 1.1. etc. For the sub-headings, the first letter of every word should be capitalized.

Title:

The title should be as short as possible, usually not more than 14 words. Use words that can be used for indexing. In the case of multiple authors, the names should be identified with superscripted numbers and the address listed according to numbers, e.g. R.S Awoseyin¹, V.I Maduka² and I.K Inuwa³.

Abstract:

A single paragraph abstract not exceeding 350 words should be provided. This should give a short outline of the problem, methods, major findings and recommendations. The entire paragraph should be indented both left and right 1cm from the main body of the paper.

Keywords: There should be keywords that can be used for indexing. A maximum of 5 words is allowed.

Introduction: This should provide background information on the problem including recent or current references to work done by previous researchers. Information and data cited here must be factual and generally incontrovertible by practitioners in the field. It should end with the objectives and contribution of the works.

Materials and Methods: This section can vary depending on the nature of the paper. For papers involving experiments, the methods, experimental design and details of the procedure should be given such that another researcher can verify it. Standard procedures however should not be presented. Rather, authors should refer to other sources. This section should also contain description of equipment and statistical analysis where applicable. For a paper that involves theoretical analysis, this is where the theory is presented. This section should at least present ideas for practical Validation of the theories presented, and scope for further work.

Result and Discussion: Results give details of what has been achieved, presented in descriptive, tabular or graphical forms. Extrapolations, deductions, comparisons, etc are some of the tools used to present in-depth picture of the results. Discussion on the other hand, describes problem areas as previously discussed under introduction.

Conclusion: Conclusion should present the highlights of the solutions obtained. It should be a brief summary stating what the investigation was about, the major result obtained and whether the results were conclusive and recommendations for future work if any.

Notation: A list of symbols and abbreviations should be provided with each of them explained in the place where it is used.

References: Follow the name-date system in the text, example: Ugochukwu (2004) for a single author; Lawani and Gerald (2012) for double authors and Abubakar et al (1999) for multiple authors. All references cited in the text must be listed in alphabetical order under section Reference. Reference to two or more papers published in the same year by the same author or authors should be distinguished by alphabets to the year e.g. Igbeka (2000a, 2000b). For Journal, the order of listing should be author`s name comes first followed by the date, title of paper, publisher, edition, page or pages involved, town or city and country of publication. Examples are as follows:

Journal Article: Yiljpe Y.D. 1996. Chemical Processing of Cassava Extracts into Industrial Starch. NSE Technical Transaction. 3(1): 210-215, NEC-Abuja, Nigeria.

Conference Papers: Echiegu, E. A and Onwualu A. P. 2012. Fundamentals of Journal Article Referencing. NSE paper N092-0089. Nigerian Society of Engineers Annual Conference. Kwara Hotel, Ilorin-Nigeria.

Books: Ajibola O. 1992. NSE: Book of Abstracts. NSE: Publishers. Oba. Abakaliki, Nigeria.

Book Chapter: Mohammed S. J., Musa H. and Okonkwo, P.I., Ergonomics of referencing. In: E. I. U. Nwuba (Editor), Ergonomics of Farm Tools. Ebonyi Publishing Company, Oshogbo, Osun State, Nigeria.

Tables: Tables should be numbered using Arabic numerals e.g. Table 3 in ascending order as reference is made to them in the text. The same data cannot be shown in both Table and Figure. Use Table format to create tables. The caption should be self-explanatory, typed in lower case letters (with the first letter of each word capitalized) and placed above the table. Tables must be referred to in the text, and positioned at their appropriate location, not at the end of the paper.

Figure: Illustrations may be in the form of graphs, line drawings, diagrams, schematics and photographs. They are numbered in Arabic numerals e.g. Figure 3. The title should be placed below the figure. Figures should be adequately labelled. All Figures and photographs should be computer generated or scanned and placed at their appropriate locations, not at the end of the paper.

Equations: Mathematical equations should be constructed within the MS-Word document, using the Microsoft Equation Editor included with the MS-Office suite. They should be numerically numbered sequentially (1, 2, 3, 4 etc) throughout the document, with the number in braces close to the right margin. Sub-equations (that is, equations that are really part of a main equation which has been abbreviated for readability) should be numbered after the main equation by appending lower case alphabetic letters, e.g. 2a, 2b, 2c, etc.

Units: All units in the texts, tables and figures must conform to the International System of Units (SI)

Reviewing: All papers will be peer reviewed by three reviewers to be appointed by the Editors. The editors collate the reviewers` report and add their comments. The Editor-In-Chief`s decision on any paper is final.

Off Prints: A copy of the journal is supplied free of charge to the author(s). Additional reprints can be obtained at current charges.

Processing and Production Charges: The journal charges a processing fee of N15,000.00 and journal production charge of N15,000.00 for 12-page journal, while journal which extends beyond 12 pages shall attract N1,000.00 per each additional page. When a paper is found publishable, the author is advised on production charges but processing fee (non-refundable) must be paid on initial paper submission. These charges are subject to change without notice.

Submission of Manuscript: Submission of articles for publication implies that it has not been previously published and is not being considered for publication elsewhere. Prospective authors are advised to consult this Guide to Authors and the Procedure for electronic Submission of article both of which are available on the NSE website: www.nse.org.ng and also included in each volume of the journal. The journal accepts articles for consideration of publishing only via online following the procedure for electronic submission via afalade@nse.org.ng. You are required to forward the evidence of payment of processing fee and production charges N15,000.00 respectively through the NSE account details below:

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