



Barishal University Journal of Science and Engineering

Faculty of Science and Engineering

University of Barishal, Barishal-8254

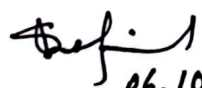
Email: bujournalscience@gmail.com, Fax: +8802-0431-61827

Call for Articles (Announcement)

We are pleased to announce that Barishal University Journal of Science and Engineering (Volume-10) an interdisciplinary journal under the Faculty of Science and Engineering, is going to be published soon. Interested researchers are requested to submit their articles to the Associate Editor of the Barishal University Journal of Science and Engineering (bujournalscience@gmail.com) by 07 November, 2024.

It is noted that manuscript must focus on the originality, accuracy, and completeness of the work. Any conflict of interest, suspicion of duplicity publication, fabrication of data or plagiarism must result in rejection of the manuscript.

With the best regards


06.10.2024

(Dr. Md. Shafiul Alam)

Dean
Faculty of Science and Engineering
&
Editor-in-Chief
Barishal University Journal of Science and Engineering
University of Barishal
Barishal-8254
Bangladesh



INSTRUCTIONS TO THE CONTRIBUTORS

Preparation of manuscripts

The following guidelines should be followed strictly in submitting the manuscript of the journal. All manuscripts must be written in English and typed on a good quality (A4) bond paper with single space, Times New Roman, font size 10.5 and sufficient margins (left and top 3.80 cm, right and bottom 2.55 cm) and be submitted in duplicate to the Associate Editor at the University address stated below. The Editorial Board will arrange review of the article. Decision of the Editorial Board on any article is final.

The manuscript of a full paper or review papers within fifteen typed pages including tables, figures, graphs, etc. while that of a short communication should not exceed six pages.

The manuscript should contain the following subtitles in sequence: Title, Abstract, Keywords, Introduction, Materials and Methods, Results and Discussion, Acknowledgements, if any and References. These sub-titles however may not be applicable in case of short communication or review paper.

Title: Title of the paper should be brief and specific. The author should prepare the manuscript in such a way that there should be a title page with only the title of the paper, the names and address of the authors, and running head on it. The second page should carry the title of the paper with Abstract to be followed by Introduction, etc., without author's name.

Abstract: It should not exceed 200 words (10 pt. Times New Roman). It should include only the gist of the paper. Abstract is not the summary and, in any case, it should not contain the subject of the materials and methods and/ or any descriptive part of the paper.

Keywords: Should not exceed 6 words.

Introduction: It should be concise and include relevant literature and define clearly the objective of the study.

Materials and Methods: Special/standard methods should be cited only as references and should not be described except for the modification which should be stated. No sub-heads should be used.

Results and Discussion: The section should include precise statement of results obtained, figures, tables, and discussion.

Table, Graphs and Figures: The paper should contain minimum number of tables, graphs, and figures. However, these should be typed separately. Table title should be on the top of the table and written as **Table 1**. Caption for the figures and graphs should be on the bottom of the



figure and graphs, and be written as **Fig. 1**. The same data should not be used in both the tables and figures or graphs. The figures and graphs should be properly labeled with bold, solid lines so that these can stand reduction up to half or less of the original. The photographs should be submitted on glossy paper. Legend of the graphs and figures should be typed and given separately at the end of text.

The references and specific names are extremely important. The authors must be sure about the corrections of citations and spellings.

Citation style: In the text, references should be cited as numbered [1] in the order of appearance. This citation leads the reader to a full reference to the source in the list of references at the end of the work. Each citation number should be enclosed in square brackets on the same line as the text, before any punctuation, with a space before the bracket [2]. Once a source has been cited, the same number is re-used for all subsequent citations to the same source. Units of measurements to be used as SI units.

Here are some examples of citation:

“... as shown by Brown [4], as previously stated.”

"The theory was first put forward in 1987 [1]."

“For example, see [7].”

"Several recent studies [3, 4, 15, 16] have suggested that..."

The example above may also be formatted as:

“Several recent studies [3], [4], [15], [16] have suggested that...”

Page numbers are required within citations where material is directly quoted or you refer to a specific part of the source, such as a detail difficult to find. Give page numbers within the square brackets, for example [1, p. 3].

References: References should be arranged as IEEE referencing style at the end of the paper. Examples:

Journal article

[Ref number 1] Author's initials. Author's Surname, "Title of article," *Title of journal abbreviated in Italics*, vol. number, issue number, page numbers, Abbreviated Month Year.

[1] F. Yan, Y. Gu, Y. Wang, C. M. Wang, X. Y. Hu, H. X. Peng, et al., "Study on the interaction mechanism between laser and rock during perforation," *Optics and Laser Technology*, vol. 54, pp. 303-308, Dec 2013.



Note: the above example article is from a journal which does not use issue numbers, so they are not included in the reference.

Book

[Ref number 2] Author's initials. Author's Surname, *Book Title*, edition (if not first). Place of publication: Publisher, Year.

[2] I.A. Glover and P.M. Grant, *Digital Communications*, 3rd ed. Harlow: Prentice Hall, 2009.

Book chapter

[Ref number] Author's initials. Author's Surname, "Title of chapter in book," in *Book Title*, edition (if not first), Editor's initials. Editor's Surname, Ed. Place of publication: Publisher, Year, page numbers.

[3] C. W. Li and G. J. Wang, "MEMS manufacturing techniques for tissue scaffolding devices," in *Mems for Biomedical Applications*, S. Bhansali and A. Vasudev, Eds. Cambridge: Woodhead, 2012, pp. 192-217.

Electronic Book

[Ref number] Author's initials. Author's Surname. (Year, Month Day). *Book Title* (edition) [Type of medium]. Available: URL

[4] W. Zeng, H. Yu, C. Lin. (2013, Dec 19). *Multimedia Security Technologies for Digital Rights Management* [Online]. Available: <http://goo.gl/xQ6doi>

Note: If the e-book is a direct equivalent of a print book e.g. in PDF format, you can reference it as a normal print book.

E-Journal article

PDF versions of journal articles are direct copies of the print edition, so you can cite them as print journals.

[Ref number] Author's initials. Author's Surname. (Year, Month). "Title of article." *Journal Title* [type of medium]. volume number, issue number, page numbers if given. Available: URL

[5] M. Semilof. (1996, July). "Driving commerce to the web-corporate intranets and the internet: lines blur". *Communication Week* [Online]. vol. 6, issue 19. Available: <http://www.techweb.com/se/directlinkcgi?CWK19960715S0005>



Conference papers

[Ref number] Author's initials. Author's Surname, "Title of paper," in *Name of Conference*, Location, Year, pp. xxx.

[6] S. Adachi, T. Horio, T. Suzuki. "Intense vacuum-ultraviolet single-order harmonic pulse by a deep-ultraviolet driving laser," in *Conf. Lasers and Electro-Optics*, San Jose, CA, 2012, pp.2118-2120.

Standard abbreviations may be applied to the title of the conference. For a table of abbreviations go to: <http://www.ieee.org/documents/ieeecitationref.pdf>

Reports

The general form for citing technical reports is to place the name and location of the company or institution after the author and title

and to give the report number and date at the end of the reference. If the report has a volume number add it after the year.

[Ref number] Author's initials. Author's Surname, "Title of report," Abbreviated Name of Company., City of Company., State, Report number, year.

[7] P. Diament and W. L. Luptakin, "V-line surface-wave radiation and scanning," Dept. Elect. Eng., Columbia Univ., New York, Sci Rep. 85, 1991.

Patents

[Ref number] Author's initials. Author's Surname, "Title of patent," Country where patent is registered. Patent number, Abbrev of Month Day Year.

[8] J. P. Wilkinson, "Nonlinear resonant circuit devices," U.S. Patent 3 624 125, July 16 1990.

Note: Use "issued date" if several dates are given.

Standards

[Reference number] *Title of Standard*, Standard number, date.

[9] *Shunt power capacitors*, IEEE standard 18-2012, 2013.

Theses/Dissertations

[Ref number] Author's initials. Author's Surname, "Title of thesis," Designation type, Abbrev. Dept., Abbrev. Univ., City of Univ., State, Year.



[10] J. O. Williams, "Narrow-band analyser," Ph.D. dissertation, Dept. Elect. Eng., Harvard Univ., Cambridge, MA, 1993.

Datasheets

[Ref number] Author's initials. Authors Surname, "Title of Datasheet," Part datasheet, Publication date [Latest revision date].

[11] Texas Instruments, "High speed CMOS logic analog multiplexers/demultiplexers," 74HC4051 datasheet, Nov. 1997 [Revised Sept. 2002].

Online Documents

If authors are using documents such as a report, conference paper, standard, patent or thesis online and it also exists as an identical print equivalent i.e. with the same format and pagination, it can be usually be referenced as the print version.

If it is e-only, author can make the standard reference template an electronic version by adding the material type in square brackets e.g. [Online] after the document title. If there is no specific document title author can place this after the document number (e.g. patent number).

At the end of the reference add: Available: URL. See below for an example of an online patent:

[12] M.R. Brooks, "Musical toothbrush with adjustable neck and mirror," U.S Patent 326189 [Online], May 19 1992. Available: <http://goo.gl/VU1WEk>

Websites

Note: Include as much of the key information as author can find for a given website. If a web page has no personal author, author can use a corporate author. Failing that, author can use either Anon. (for anonymous) or it is permissible to use the title of the site.

[Ref number] Author's initials. Authors Surname. (Year, Month. Day). *Title of web page* [Online]. Available: URL

[13] BBC News. (2013, Nov. 11). *Microwave signals turned into electrical power* [Online]. Available: <http://www.bbc.co.uk/news/technology-24897584>

[14] M. Holland. (2002). *Guide to citing internet sources* [Online]. Available: http://www.bournemouth.ac.uk/library/using/guide_to_citing_internet_sourc.html

Author Contribution: All authors read and approved the final manuscript.

Acknowledgements: All contributors who do not meet the criteria for authorship should be listed in the acknowledgements section. Examples of those who might be acknowledged



include a person who provided purely technical help, writing assistance or a department chair who provided only general support.

Plagiarism policy: Plagiarism software screening will be used before review the manuscript.

The author(s) must submit one printed copy of the manuscript and soft copy with plagiarism report to the e-mail (bujournalscience@gmail.com).

One cannot submit more than one article for publication as a single author. However, one can submit two articles at best if he/she is the single author of one and a co-author of the other or co-author of the both.

Final galley proof will be sent to the author(s) and is expected to be returned within five days as notice. No major alternations in the text are desirable at this stage.

Papers should be submitted in duplicate to:

Dr. Bijan Krishna Saha, Associate Editor, Barishal University Journal of Science and Engineering, Department of Mathematics, University of Barishal, Barishal-8254, Bangladesh.

Off-Prints

Author(s) of each paper is/are entitled to get 1 off- prints free of cost.

Declaration

While submitting a paper the authors are to sign a declaration to the effect that (i) the work reported has been carried out by them and they jointly prepared the manuscript; (ii) they take public responsibility for the contents of the paper; (iii) the paper has not been published before in any referred scientific journal or has not been submitted to such journal for publication; and (iv) they accord consent to the Barishal University Journal of Science and Engineering to publish the paper.