



## Invitation letter

*(Call for papers)*

Dear colleagues,

We gladly invite you and your colleagues/employees to contribute in Islamic University Studies Volume 13, No. 1 and 2 (2018-2019) of the Faculty of Applied Science and Technology, Islamic University, Kushtia-7003, Bangladesh.

During our past 12 volumes, we had an excellent and fruitful cooperation, especially with the faculties of Applied Science and Engineering related of Islamic University and other public universities in Bangladesh. We hope this volume will be particularly interesting, due to new discovery on Applied Science, Technology and Engineering filed and accepted papers will be published as hard copy with PDF version in our official website.

By **May 23, 2019**, the editorial board must receive the full paper with a 250-word abstract. Each paper will be screened by the editorial board to assure its quality of exposition and relevance to Applied Science, Technology and Engineering field by the guidance of author instruction of Faculty of Applied Science and Technology Journal, Islamic University, Kushtia, Bangladesh.

It will be a great honour for us and an excellent opportunity for you to share your newest scientific work on the field of Applied Science and Engineering related issues in our international level scientific review.

We are looking forward to receive and survey your papers. For any information needed, please feel free to contact Professor Dr. K. M. Abdus Sobahan **via e-mail:** [asobhan@eee.iu.ac.bd](mailto:asobhan@eee.iu.ac.bd), [asobahan@yahoo.com](mailto:asobahan@yahoo.com) or call +880-1749368348.

On behalf of the Editorial Board,

**Enclosure**  
**Author Instruction**

**(K. M. Abdus Sobahan, PhD)**  
Professor  
Department Electrical and Electronic Engineering  
Islamic University, Kushtia 7003

# **GENERAL INFORMATION AND INSTRUCTIONS TO AUTHORS**

*ISLAMIC UNIVERSITY STUDIES: (2018-2019)*  
*A Journal of Applied Science and Technology (JAST)*

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## ***GENERAL INFORMATION AND INSTRUCTIONS TO AUTHORS***

The Journal of Applied Science and Technology (JAST) is intended primarily to publish the research works in all branches of science preferably in the field of Electrical, Electronics and Engineering, Electronics & Telecommunication Engineering, Applied Physics, Applied Chemistry and Chemical Engineering, Applied Nutrition & Food Science, Computer Science and Engineering, Information and Communication Engineering and Biotechnology and Genetic Engineering, Mathematics, Statistics, Pharmacy, Biomedical Engineering, Materials Science & Engineering, Environmental Science and Geography and such others relevance filed of Applied Science and/or Technology and Engineering. Only the original research work of high standard shall be published half yearly in the Journal.

Three types of paper in all the above areas shall be considered for publication: Article, Short communications and Review.

Articles must describe original work and provide definite accounts of completed studies. The text should be divided into (i) Abstract, (ii) Introduction, (iii) Experimental, (iv) Results and Discussion and (v) References.

Short communication must describe original work as Articles but provide brief accounts of findings and results of less extensive studies.

Reviews must describe the results of various workers in a given area and recent developments from author's own laboratory. Reviews will be accepted only from those authors, who have contributed significantly to the topic on which the review is written.

The authors must follow the following rules in the preparation of the manuscripts intend to publish in this Journal:

- (1) Each manuscript must be complete and of proper format when submitted.
- (2) The work should be presented concisely and clearly in English. Three copies of manuscript typed double space with wide margins on the one side of the white paper with standard A4 or 22×22 cm dimensions should be submitted or in e-mail address.
- (3) The manuscript should not exceed 12 (twelve) typed pages including illustrations and Tables.
- (4) Name of the authors should be followed by their addresses. An asterisk should follow the name of the author who is to receive any correspondence.
- (5) The contribution must not have appeared elsewhere. Authors shall be solely responsible for the factual accuracy of the contributions.

- (6) The title of the paper should be concise. The use of symbols, abbreviations, and formula is discouraged.
- (7) An Abstract not exceeding 250 words should be informative and summarize the principal findings of the work.
- (8) Introduction should be clear and brief; embracing the nature of the problem and providing its back ground with relevant references.
- (9) Experimental description should be given in detail sufficient for repetition by other workers. Description of established procedure should be avoided but relevant reference should be given.
- (10) Results and discussion should embrace first the results followed by a discussion of their significance. Only relevant results should be presented and Figures, Tables and Equations should be used for the purpose of brevity.
- (11) Acknowledgement should be as brief as possible.
- (12) References should be numbered consecutively and this number should appear as right hand superscripts at appropriate positions (<sup>1</sup> or <sup>1,3</sup> or <sup>2-5</sup>) in the text. All the references must be typed in their serial order in a separate sheet of paper under the heading References. Care must be exercised for uniformity in citation. Ibid, et. al. should not be used. Citation should follow the order: Authors name (s), Journals name, Volume number, Page number and the year of publication. A sample of citation is given below.  
  
*M. Maniruzzaman; M. A. Rahman and B.C. Roy. "Title", J. Phys.Chem.26, 20, 2016.*
- (13) Tables should be typed in the body of the text and numbered with Roman numerals in the order in which they are mentioned in the text. Each table should have a descriptive title.
- (14) Figures should be numbered with Arabic numerals and mentioned consecutively in the text indicating their respective locations. All Figures must have a brief legend and should be presented on the separate sheets of paper at the end of the main text of the manuscript. The number of the figure, names of the authors, and abbreviated title of the article should be written in pencil on the back of each illustration.
- (15) Photographs should be glossy black and white prints with sharp contrast.
- (16) The number of Tables, Figures & Diagrams and Photographs should be kept at absolute minimum Figures should be drawn with Indian ink on a good quality white drawing or tracing paper and be in a form ready for block maker.
- (17) Mathematical formula should be carefully typed with symbols in correct alignment and adequately spaced. At least two clear lines should be left above and below of all displayed equations.
- (18) Units and symbols should conform to SI units. Nomenclature should be in conformity with the latest recommendations of the International Union of Pure and Applied Chemistry (IUPC), International Union of Pure and Applied Physics (IUPAP), International Union of Biochemistry (IUB) and Chemical Abstracts.

- (19) Authors will receive galley proofs and should return without delay after to rectum necessary corrections as zoom as possible. No new matter is inserted during proof reading.
- (20) Authors will receive 25 copies of reprints without charge.
- (21) Manuscripts may be submitted to the Editor at allocated time of the year. Receipt of the manuscript will be acknowledged. Unpublished manuscripts cannot be returned to the author.
- (22) No paper will be published if it does not conform to the style specified for the Studies. The Executive Editor and the Editorial Board will not be held responsible for factual accuracy of the contributions.
- (23) All communications for publication should be addressed to: ***Editor, Journal of Applied Science and Technology (JAST), Faculty of Applied Science and Technology, Islamic University, Kushtia-7003, Bangladesh.***
- (24) Editorial Board reserves the right to condense or make necessary alternations in the script.

On behalf of the Editorial Board,

(K. M. Abdus Sobahan, PhD)  
Professor  
Department of Electrical and Electronic Engineering  
Islamic University, Kushtia 7003  
**Tel: +880 71 74910-21 Ext 2647**  
**Mob: +880 1749368348, Fax: + 880 71 74905**  
E-mail: [asobhan@eee.iu.ac.bd](mailto:asobhan@eee.iu.ac.bd),  
[asobahan@yahoo.com](mailto:asobahan@yahoo.com)