

Guidelines for Contributors

1. Journal of Shivaji University (Science and Technology) is primarily intended to promote research work of teachers and students of Shivaji University. Contributions covering original research in pure and applied sciences, received from students and teachers from Shivaji University and other Universities will be considered for publication. The Journal provides a platform for research communication in the faculties of Science, Engineering, Medicine and Technology. It will be published once in the year.

2. Submission of Manuscripts:

All contributions submitted to the Journal of Shivaji university (Science and Technology) should be original and not have been submitted for publication elsewhere. The copyright of contributions published in the journal will vest with the Shivaji University, Kolhapur.

Covering letter: In the covering letter, the authors should clearly state that the material included in the manuscript is original and that the material or a part of it has not been submitted for publication elsewhere. If the research work embodied in the manuscript has been presented in any conference/ seminar/ symposium, a mention of the same should be made in the covering letter. In case of joint publication, letter should be signed by all the authors of the manuscript. Manuscript in triplicate should be sent to the Managing Editor, Journal of Shivaji University, Kolhapur 416 004 along with a soft copy (M.S. word) of the manuscript.

Form of Manuscripts and General Style:

Manuscript should be concise and typewritten on one side only of an A4 sheets, double spaced throughout and with at least 4 cm margin on the left. The matter should be arranged in the following order: title, name(s) of author(s), Department(s) and Institution(s), abstract, key words, introduction, material and methods, results, discussion, acknowledgments and references. If appropriate

Results and discussions may be combined. Abstract, tables and captions for figures should be typed on separate page.

First Page:

The first page should bear the title of the contribution, name(s) of the author(s) and address (es) of the Department(s) and Institution(s) where the work was carried out. Further, the contact details of the author to whom correspondence should be sent (address, telephone, fax and E-mail) should be mentioned. The date of submission and the number of tables and figures should also be given on this page.

- a) **Title:** - The title should be specific, concise and should contain adequate information regarding contents. If a paper forms apart of series, a subtitle should be provided. A short running title should also be submitted.
- b) **Abstract:** The abstract not exceeding 200 words should indicate the scope and significant contents of the paper, highlighting the principal findings and conclusions. References should not be included in the abstract.
- c) **Key words:** - Proceeding the abstract, five to six key words should be provided in alphabetical order.
- d) **Introduction:** - The introductory part should be brief and should state precisely the scope of the paper. The reasons for undertaking the research should be presented in the light of limited relevant literature.
- e) **Materials and Methods:** - Relevant details on the nomenclature, nature and source of material, experimental design, the technique employed and the statistical methods used should be clearly stated. If the methods are well known, a reference to it should be cited. However if any modification is adopted it should be clearly indicated.
- f) **Results:** - Only such data as are essential for understanding the discussion of main conclusions from the study should be included. The data should be statistically analyzed. The same data should not be presented in both tabular and graphical forms.

g) **Discussion:** Lengthy and inconsistent discussion should be avoided. The discussion should be concentrated on the interpretation of results without repeating information already published under results.

h) **Acknowledgements:** - It should be brief and appropriate.

i) **References:** - Literature references should be arranged alphabetically. The names of all the authors should be mentioned and abbreviations such as et al., idem or ibid should be avoided.

i) **References to Research Paper:-** Citation will include surname(s) and initial(s) of author(s), year in bracket followed by abbreviated name of the Journal or symposium, volume number, followed by page numbers e.g.

Bradford, M. M. (1976). *Anal Biochem.*, 72/ , 248-254.

Journal names should be abbreviated in conformity with the Bibliographic Guide for Editors and Authors (BIOSIS, Chemical Abstracts services and Engineering Index Inc, 1974) or guidelines of any other standard Abstracting services.

ii) **Reference to book:-** Citation will include the name(s) and initial(s) of author(s), the title of books editor(s), name of publisher and place, year in bracket and page number e.g. Walker, D. A.: In *Photosynthesis and Photorespiration*, edited by Hatch M. D., Osmond C. B. and Slatyer R. O. Wiley- Inter Science, New York (1971) pp. 100.

iii) **Reference to Thesis:** - Citation will include the name of the author, University or Institution to which it was submitted and year of the submission e.g. Nimbalkar, J. D.: Ph. D. thesis, Shivaji University, Kolhapur. (1973) pp. 100.

iv) **Online references:-**In case, specifically needed, online references may be quoted in the text and cited under the references e. g. Philips Semiconductors-www.philips.com.

v) **Unpublished Papers and Personal Communications:-**They should be indicated in the references e.g. Ladgaoukar, B. P.: Unpublished work/ data, 1996 or Ladgaoukar, B. P.: Personal Communication.1996.

Tables: - Tables should be typed on separate sheet on paper without any text matter. They should be numbered consecutively in Arabic numerals and bear brief titles. Units of measurements be abbreviated and placed below the heading and in rectangular brackets.

j) Illustrations:-

Each graph, figure, photograph or diagram should be provided on separate sheet and they should be numbered appropriately in Arabic numerals. Captions and legends to the figures should be typed on separate sheet of paper and attached at the end of the manuscript. Figures should be self-explanatory. Photographs of high quality, printed on glossy paper are preferable.

k) Foot notes:

i) Foot notes should be kept to a minimum.

l) Scientific names:-

While citing any biological organism at the first instance, complete scientific name (genus, species and authority and cultivar where appropriate) must be given. The generic name must be abbreviated to the initial thereafter scientific names should also be provided for the vernacular names whenever such names are mentioned in the text. The generic names should be typed in italic.

m) Abbreviations and Units:

Widely accepted abbreviations for long chemical names and other lengthy terms should be used in the text. Chemical Abstracts and its indexes should be followed for chemical names. The biochemical journal (<http://www.biochemj.org/bj/bji2ahtm#nomenclature>) may also be consulted for abbreviations. Approved SI units should be used throughout the text.

n) Proofs and Reprints:-

Authors are sent a set of galley proofs and a reprint order form. The order form must be completed and returned with corrected proofs together with a CD containing the corrected text of the manuscript to the Managing Editor, within five days after its receipt.

3. Procedure of Manuscript submission:

Fresh manuscripts must be accompanied by a signed Letter of Approval from Research Supervisor/Head of Department. Manuscripts without the necessary approval will be summarily rejected. Contributors are advised to submit their manuscript for speedy publication as electronic files (**directly mail us: jscitech@unishivaji.ac.in**). The software for text is MS Word for Windows version 6.0 onwards. Illustrations should be in Chem Win or Chem Draw or as picture in MS Word Version 6 onwards or as TIFF files. Manuscripts should be divided into: Title, Authors, Affiliations, Abstract, Keywords (at least five), Introduction, Result and Discussion, Materials and Methods, Experimental Section, Conclusion, Acknowledgements, References, Tables, Figures, Schemes, Captions and Graphical Abstract (for list of contents). All text must be double spaced throughout and pages numbered. Abbreviations should be defined the first time they are used, and a list of all the abbreviations used should be provided. Authors are encouraged to suggest the names of reviewers. The corresponding author's full mailing address, FAX numbers, and E-mail address should be provided for speedy communications