

Invitation Letter

Research paper in original is invited from any researchers of the country and abroad to be published in Patna Science College Journal, a peer reviewed with **ISSN NO 2347-9604**.

Strictly Follow – Instructions to Authors

The submission deadline is 15th March 2022. You may send your manuscript now or up until the deadline. Acceptance within 15 days of submission.

Before submission, please refer the journal's Author Guidelines mentioned at the end of this letter.

Processing Fees:

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Journal of Patna Science College

Guidelines for Authors

1. General

Patna Science College is a board-based, peer-reviewed, leading national journal. This journal is of special interest to: Toxicologists, zoologists, Botanists, Microbiologists, Environmental scientists, Biotechnologists, Industry R and D organizations

Journal is published annually

The journal publishes research papers (not exceeding 4000 words), Short communications (not exceeding 1000 words) and review papers (not exceeding 6000 words).

All the papers published in the journal, are reviewed by a group of referees for their scientific merit. Manuscript decisions are solely based on the results of peer reviews and to eliminate bias, reviewers receive manuscript with blind title page.

Non-refundable Editor Fee (Reg.cum Proc.Fee) must accompany each paper. The fee details are as follows:

For India-Rs. 500.00

2. Manuscript Preparation

Manuscript should be computer typed in double spacing on one side of good quality A4 size white paper, leaving wide margin on both sides.

Prepare the manuscript strictly as per guidelines given here.

a. **Use stranded symbols of units:** -

Km, m, cm, mm, micrometer, A, nm,kg,g,mg,microgam,mol(mole),l(liter),ml(milliliter), ul(micro liter), e V (electron-volt), yr(year), wk(week),d(day),hr(hour),min(minute),s(second),ms(millisecond),us(microsecond),ppm(parts per million),°c (centigrade),SD (stranded deviation),SE(stranded error),CV (coefficient of variation),po (per os),sc(subcutaneous),ip(intraperitoneal), iv(intravenous),mg/l(milligram per liter),m/s (meter per second), g/l(grams per liter).

For enzymes, use the trivial names as recommended by the IUPAC- IUB commission. For abbreviations, Standard International practices should be used. Full form of all abbreviations should be given at their first citation in the text.

b. **Tables** should be computer typed in MS word table format on separate pages and numbered using Arabic numerals.

- c. **Figures/Illustrations** / photographs in duplicate (Computer printouts) should be sent. They should be prepared in quality art work or by machine for direct photo-reproduction. color figure can also be printed. Figures must be submitted separately in JPEG (joint photographic expert group) or TIFF (tagged image file format) or EPS (encapsulated post-script) with a resolution between 300-600 dpi. All the legends should be typed on separate pages and be numbered consecutively with Arabic numerals ().
- d. **Page 1** of paper should contain (i) Title of the paper (ii) Author(s) (iii) affiliations (iv) Running shortened title, (v) Postal address, and phone numbers with corresponding author, (iv)E-mail ID for correspondence (vii)Total number of tables and Illustrations/figures in the paper.
- e. **Page 2** should contain the title followed by the Abstract (about 200 words) 4-5 key words and text proper. To facilitate the review process, there should be no names (s) and address(es) of the author(s) on this and the subsequent pages of the text. **Abstract** should be in single paragraph and indicate the significant finding with data range and conclusions. It should be in such a form that abstracting periodicals could use it without modifications.

Key words should adequately index the subject matter.

Text proper should be subdivided into sections: Introduction, Materials and Methods, Results and Discussion, Acknowledgement and references.

- **Introduction** should include precisely the aim of the study. It should be as concise as possible with no sub-headings. Exhaustive reviewing of literature should be avoided. Only necessary and latest ones which are required to indicate the reasons for the research undertaken and essential background should be given.
- **Materials and Methods** should be sufficiently detailed to enable the experiments to be reproduced. The techniques and methodology adopted should be supported with stranded references.
- **Results and Discussion** should be combined. Results may be split into sub-headings. Data emerging out from the study should be includes, arranged in the unified and coherent sequence, should be statistically analyzed and level of significance should be given. The same data should not be presented both

in tubular and graphic forms. Only necessary tables and figures should be given. Long confused and irrelevant discussion should be scrupulously avoided. It should deal with interpretations and the conclusions drawn, based on results and supported by relevant latest references. Repetition of data, statements and expressions should be curtailed.

- **Acknowledgement** (on separate page) should include the names of those who contributed substantially to the work described in the manuscript but do not fulfill the requirements for the authorship. It should also include sponsors /funding agency of the project of which the work described in a part.
- **References** should be cited in the text by the surname of the author(s) and the year. In case of more than two authors, surname of the first author followed by et al. and the year should be cited in text.

In the list of references (reference section) at the end of paper, full and complete references should be given in the following style and punctuation, arranged alphabetically by first author's surname.

Paper in a Journal

Yogamoorthi, A; Artificial UV-B induced changes in pigmentation of marine diatom *coscinodiscus gigas*. Journal of ecology.,28,327-330(2007).
Hung, Jui Min, Chang Yu Chen, Yeong Shing Wu and Chih Jen Lu: Evaluation of specific biological heat potential of oily wastewater in an autothermal thermophilic aerobic treatment system. Journal of ecology.,29,655-660(2008)

Book

APHA; standard methods for examination of water and wastewater.21stEdn.APHA, AWWA, WPCF, Washington DC, USA (2005).
Zakrzewski, Sigmund F; Environmental Toxicology. Oxford University Press,inc,New York,3rd Edn.(2002).

Chapter in a Book

Wilkinson.; C. F; Introduction and overview; In ; the effects of pesticides on human health (Eds;S.R. Bakera and C.F. Wilkinson).Princeton Scientific publishing Co.Inc.,Princeton,NJ p.5 (1990).

While giving the names of the periodicals, standard abbreviations listed in the international serials catalogue, published by International Council of Scientific Unions Abstracting Board (ICSUAB),Paris, France, should be used. Even if a reference contains more than two authors, the names of all the authors should be given.

The abbreviations et al. Idem and ibid should not be used in reference section. **Unpublished** research including online and personal communication should not be given in the text and reference sections. Footnotes should be avoided.