

Guidelines for Authors

Resonance - journal of science education

is primarily targeted to undergraduate students and teachers. The journal invites contributions in various branches of science and emphasizes a lucid style that will attract readers from diverse backgrounds. A helpful general rule is that at least the first one third of the article should be readily understood by a general audience.

Articles on topics in the undergraduate curriculum, especially those which students often consider difficult to understand, new classroom experiments, emerging techniques and ideas and innovative procedures for teaching specific concepts are particularly welcome. The submitted contributions should not have appeared elsewhere.

Manuscripts should be submitted in *duplicate* to any of the editors. Authors having access to a PC are encouraged to submit an ASCII/MS Word/Latex/Word Perfect version on a floppy diskette or send by email to **resonanc@ias.ernet.in** and a hard copy by post. If necessary the editors may edit the manuscript substantially in order to maintain uniformity of presentation and to enhance readability. Illustrations and other material if reproduced, must be properly credited; it is the author's responsibility to obtain permission of reproduction (copies of letters of permission should be sent). In case of difficulty, please contact the editors.

Book Reviews: The following types of books will be reviewed: (1) textbooks in subjects of interest to the journal; (2) general books in

science which should be brought to the attention of students/teachers; (3) well-known classics; (4) books on educational methods. (5) Websites or CDs related to science education. Books reviewed should generally be affordable to students/teachers (price range Rs. 50 to 300).

New books will get preference in review. A list of books received by the academy office will be circulated among the editors who will then decide which are to be listed and which to be reviewed.

Title: Authors are encouraged to provide (a) 4-7 word first title (*should be a precise technical description of the contents of the article*) and (b) a 4-10 word second-title (*which will attract the general readers' attention*).

Author(s): A photograph and a brief biographical sketch may be added (in less than 100 words). The author's name and mailing address should be provided. Inclusion of phone and fax numbers and e-mail address would help in expediting the processing of manuscripts.

Summary: Please provide 2 to 4 sentences summary of the article which will highlight the important points of the article.

Keywords: Between 3 and 6 keywords must be provided for indexing and information retrieval services.

Text: Use simple English. Keep the sentences short. Break up the text into logical units, with readily understandable headings



and sub-headings. Do not use multiple sub sections. Articles should generally be 1000-2000 words long.

Illustrations: Use figures, charts and schemes liberally. A few colour illustrations may be useful. Try to use good quality computer generated images, with neatly labelled axes, clear labels, fonts and shades. All figures, including photographs (which must be glossy prints) should be numbered consecutively in arabic numerals in the order of occurrence in the text. Please try to keep the size of the figures between 4 and 13 cms based on the importance of the figure. Figure captions must be written with care and in some detail. Key features of the illustration may be pointed out in the caption.

Tables: All tables must be numbered consecutively in arabic numerals (e.g. *Table 1*) in the order of appearance in the text. The tables must be self-contained with a descriptive title. Column heading of tables should be brief. Footnotes to the tables, if any, should be identified by superscript symbols and placed at the bottom of the table.

Boxes: Summaries, biographical and historical notes presented at a level different from the main body of the text and which nevertheless enhance the interest of the main theme can be placed as boxed items. Such a boxed item should fit in a printed page and not exceed 250 words.

Highlights: Underline the text in blue pen which can be used as possible highlights in each page.

Margin Notes/Footnotes: When necessary they should be numbered (numbers in

superscript) sequentially in the main text. The matter of each margin note/footnote should appear at the end of the each page.

Suggested Reading: Avoid technical references. If some citations are necessary, mention these as part of the text (number them in square brackets e.g. [1]). A list of suggested readings may be included at the end. It should be listed by number in square brackets, followed by authors initials, name, abbreviated journal title, volume number, first page number and year.

e.g. [1] S A Shirali, *Resonance*, Vol.6, No.5, pp.29-38, 2001.

Reference to books should include: initials, names of author(s), title of the book, edition if not the first and name(s) of the editor(s) if any, publisher, place of publication, chapter or pages referred to, year.

e.g. [2] S K Saxena, *Faunal Diversity in Thar Desert ...* (Eds. A K Ghosh, Q H Baqri and Ishwar Prakash), Scientific Publishers, Jodhpur, pp.203-214, 1996.

Layout: It is preferable to place all the boxes, illustrations and their captions after the main text of the article. The suggested location of the boxes and figures in the printed version may be marked in the text. In the printed version, the main text will occupy two-thirds of each page. The remaining large margin space will be used to highlight the contents of key paragraphs, for figure captions, or perhaps even for small figures. The space is to be used imaginatively to draw attention to the article. Although the editors will attempt to prepare these entries, authors are encouraged to make suitable suggestions and provide them as an annexure.

