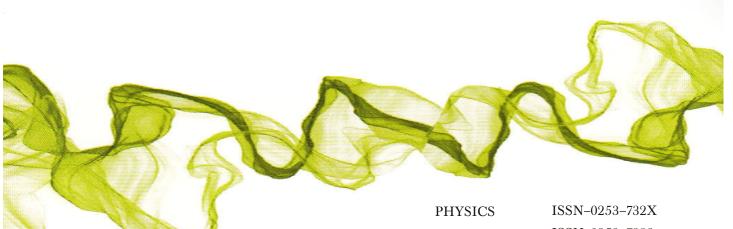


INTERNATIONAL RESEARCH JOURNAL ACTA CIENCIA INDICA



CHEMISTRY

ISSN-0253-7338

MATHEMATICS ISSN-0970-0455

Published by:



email: actacienciaindica@gmail.com

PRAGATII PRAKASHIAN

240, W.K. Road, Meerut - 250 001

THE SOCIETY FOR THE PROGRESS OF SCIENCE

Acta Ciencia Indica

International Research Journal "ACTA CIENCIA INDICA" has completed its thirty seven years successfully. It is one of the top most research periodicals in the field of Physics, Chemistry and Mathematics. The journal has been accepted and awarded with International Standard Service Number (ISSN).

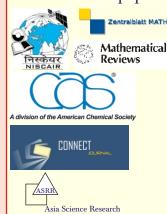
The Society for the Progress of Science

The foundation stone of the society was laid down by foresight of Dr. J.N. Kapoor. He was a dedicated vice-chancellor of C.C.S. University, Meerut and Ex. Prof. and Head of Mathematics Department, I.I.T. Kanpur. The journal Acta Ciencia Indica was established by Mr. K.K. Mittal (founder Pragati Prakashan) along with Dr. V.P. Kudesia (Ex. Reader, Department of Chemistry, D.N. College, Meerut), Dr. S.C. Agarwal (Head of Mathematics Department, D.N. College, Meerut), Dr. A.N. Pandey (Reader Physics Department, Meerut College, Meerut). They together held the command of the journal and helped it attained its current place.

Beside these other flag bearers of the society are Dr. B.S. Rajput and Dr. S.C. Agarwal. Dr. B.S. Rajput is an Ex. Vice-Chancellor of H.N.B. Garhwal University and Kumaun University, Nanital. He has to his credit some of the best selling books in M.Sc. Physics. Dr. S.C. Agarwal is an Ex. Prof. and Head of Mathematics Department, C.C.S. University, Meerut and is currently the director of Shobhit University, Meerut. All the members of this society have worked together and have taken the journal to its current position of international repute

Indexing and Abstracting

The Research papers published in ACTA CIENCIA INDICA are also abstracted in



Chemical Abstracts Service, USA

Mathematical Reviews, USA

Asian Science Research Reference

Zentralblatt MATH, Germany

INSDOC (NISCARE), New Delhi

Connect Journals, Ghaziabad, etc.

Publishing of Journal

The journal "Acta Ciencia Indica" is published quarterly in three fields viz. Physics, Chemistry and Mathematics.

The Physics section comprises of all relative branches such as Electronics, Mechanics, Optics etc. Similarly Chemistry comprises of all its relative branches such as Organic, Inorganic, Physical. Similarly Mathematics comprises of all its relative branches i.e. Pure and applied and its other sub branches.

Guidelines for Manuscript Preparation

- 1. Manuscripts of the article/s intended for publication should be typed with double line spacing throughout on one side of A-4 size paper and with ample margin all round for the purpose of Editorial Notes.
- 3. The title of the article/s should be concise and informative and followed by the name of the author/authors with the name of the Institution where the research work was carried out.
- 4. An abstract, not exceeding more than 150 words, should be embodied in the article/s. It should also be sent in duplicate on a separate sheet of paper.
- 5. Except for notes, the subject matter is to be divided into sections under short headings. Such as Abstract, Introduction, Experimental, Results, Discussion and Conclusions etc.
- 6. The text should be followed by Acknowledgment (if any) and References.
- 7. References in the text should be made by quoting the author's name and year of Publication.
- The following standard forms of citation for books and journal should be used:
 KUDESIA, V.P., Bull Soc. Chim. Belges, 79, 269 India (1970).
 KUDESIA, V.P., "WATER POLLUTANT", Pragati Prakashan, Vol. 5, p. 241 (1980).
- 9. Table's should be numbered with Arabic Numericals. Elaborate tables however, should be avoided.
- 10. Authors can submit their manuscript either by post or electronically by mail.
- If the manuscript is accepted for printing, an acceptance letter will be sent by "Acta Ciencia Indica".
- 12. The minimum printing charges are Rs. 500/- per manuscript. The membership charges for 1 year are also included in the above rate. Fifty reprints will be given free of charge.
- For the manuscript having more than five printed pages of the journal, printing charge @ Rs. 100/- will be charged extra per printed page.
- 14. You can send printing charges either by M.O. or by Bank draft payable at Meerut in favour of 'Acta Ciencia Indica'.
- 15. You can also submit charges directly to our account no. 11047203813 (SBI) in the name of ACTA CIENCIA INDICA. In this case you have to send us a copy of bank slip either electronically or by post.

Checklist before Submission of Manuscript

- 1. Two hard copies of manuscript.
- 2. One soft copy of the manuscript.
- 3. Original copy of copyright release form duly signed.
- 4. DD of Rs. 100 as registration charges/Copy of Bank Deposit Slip.

Electronic Submission

Authors can submit their research papers electronically in MS-Word format to : actacienciaindica@gmail.com

Note: 100 rupees will be charged extra for the electronically submitted papers.

SUBSCRIPTION FORM Please enter new/renew my subscription for "ACTA CIENCIA INDICA" PHYSICS CHEMISTRY MATHEMATICS (Please tick the appropriate box) Name _____ 1 Resi./Permanent Address_____ 2 Official Address email ID _____ City _____ Pin Code _____ State_____ Country_____ Payment Details: DD No. _____ Date _____ DD Amount _____ Preferred address for correspondence 1 or 2 (Please tick the appropriate box)

Signature

Subscription Charges

| | <u>Inlands</u> | <u>Overseas</u> | | |
|---|----------------|-----------------|--|--|
| Individuals Annual Membership | Rs. 300.00 | \$ 60.00 | | |
| Institutions Annual Membership | Rs. 500.00 | \$ 120.00 | | |
| Individual Life Membership | Rs. 3000.00 | \$ 1000.00 | | |
| Single Copy | Rs. 100.00 | \$ 20.00 | | |
| Please send your subscription by M.O./Bank Draft payable at Meerut in favour of | | | | |

Please send your subscription by M.O./Bank Draft payable at Meerut in favour of "ACTA CIENCIA INDICA".

All queries and correspondence should be addressed to "The Business Manager".

Copyright Release Form

ACTA CIENCIA INDICA

THE SOCIETY FOR THE PROGRESS OF SCIENCE

Pragati Bhawan, 240, W.K. Road, Meerut–250 002 (U.P.)

| Journ | ial Title : Acta Ciencia Indica | |
|----------------|---|-----|
| Subje | ect: Physics/Chemistry/Mathematics | |
| Manu | uscript title : | |
| | | |
| | | |
| Full N | Name of all authors (in order of appearance on manuscript) : | |
| | | |
| | | |
| Name | e of Main Author | |
| Addr | ess Main Author | |
| | | |
| e_ma | il : Mobile Phone : Mobile Phone : | |
| On b | ehalf of all authors, as the main author of the manuscript. I warrant that | |
| (i) | The manuscript submitted is my/our own original work. | |
| (ii) | All authors participated in the work in a substantive way and are prepared to take public responsibil for the work. | ity |
| (iii) | I was authorised by all the authors to enter into a binding contract with Acta Ciencia Indica as detail | ed |
| | in this copy right release form, and I will be responsible in the event of all disputes that have occurr | |
| | and may occur. | |
| (iv) | All authors have approved the manuscript as submission. | |
| (\mathbf{v}) | e. mail and permanent address of all authors have been entered into the Acta Ciencia Indica Journ | nal |
| . , | Manuscript submission. | |
| (vi) | The manuscript has not been published and is not being submitted or considered for publicati | on |
| | elsewhere. | |
| (vii) | The text and any other illustrations materials included in the manuscript do not infringe upon a existing copyright or other rights of any one. | ny |
| (viii) | I transfer all financial rights especially processing representation, printing, distribution and onli | ne |
| (/ | transmital, to Acta Ciencia Indica with no limitation what soever. | |
| | The contributor(s) retain(s) all the proprietary rights other than copyright, such as: | |
| (a) | Patent rights; | |
| (b) | All parts of the article could be used for the authors future work in books, lectures, classroom teaching | ng, |
| () | or oral presentations; | O, |
| (c) | the right to reproduce the article for their own purpose. | |
| () | As the corresponding author, I also warrant that "Acta Ciencia Indica and Journal Editors" will not | be |
| held | liable against all copyright claims. I also warrant that the article contains no libellous or unlaw | |
| | nents. I/we did not use any unlawful method or material during the research. I/we obtained all leg | |
| | issions pertaining to the research, and I/we adhered to ethical principals during the research. | , |
| 1 | | |
| | | |
| Corre | esponding Author's Full Name Signature | |