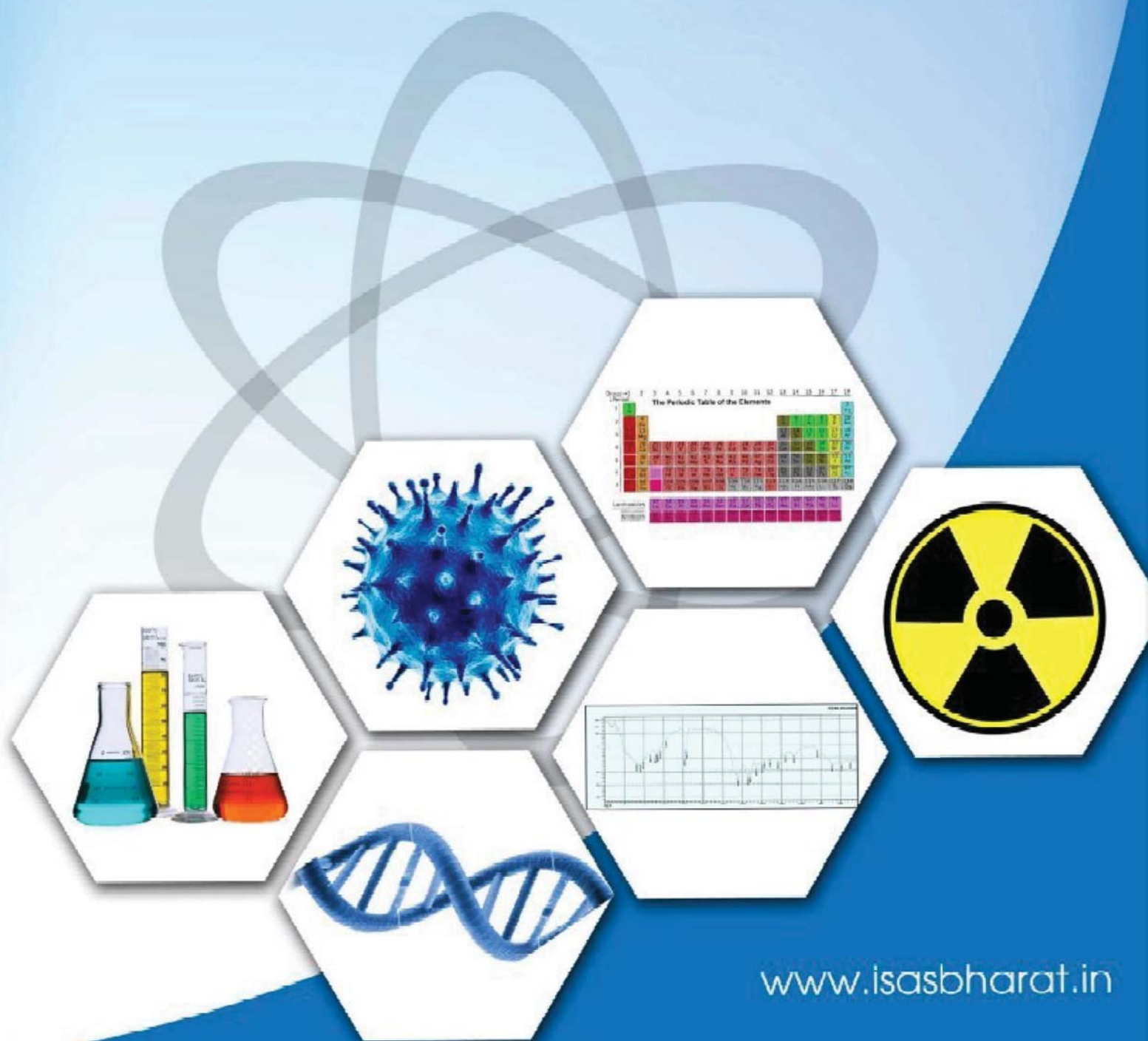




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ISAS

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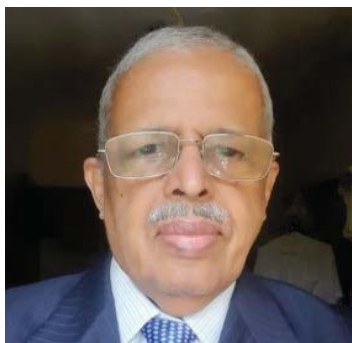
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- The Manuscript should be typed in **MS word** (times new roman) with **1.5 spacings** and **font size 12**
- The **title** of the paper should be clear and concise (**font size 14 and bold**), the first letter of each noun and adjective in the title must be in capital letter. It will be followed by names of authors(initials followed by surname) with their affiliation (**font size 12**)
- Corresponding author should be indicated by * with email ID
- The text should be divided into following sections:
 - **Abstract : up to 300 words**
 - **Key words: 5-6**
 - **Introduction**
 - **Experimental**
 - **Results and Discussion**
 - **Conclusions**
 - **Acknowledgement**
- Figures and Tables should be before references with a caption **Figures:** Followed by **Tables:**
- **References**
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 - The figures and tables should be numbered with Roman numerals and must be mentioned in the text at appropriate places
 - Standard abbreviations for technical terms and journals should be used
 - All constants should be expressed in **SI units**
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Authors' initials and surname, Book name, Publisher, Place, Year.
 - For proceedings:**
Authors' initials and surname Proceedings' of the conference name, place, Page, Month and Year.
- The paper is to be submitted in word file and PDF file to isasjournal@isasbharat.in
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ISAS

Indian Society of Analytical Scientists



Message from President ISAS

It is very heartening to note the impressive recognition received, from the Users, Researchers, Authors of Publications and Academicians, etc working in the field Analytical Sciences, for the ISAS Journal, which is first of its kind of Indian Journal.

Such an impressive recognition for the ISAS Journal is primarily due to the highly experienced and leading experts who have taken the responsibilities in the Advisory Committee and Editorial Board of the ISAS Journal. The Executive Committee of ISAS consisting of Leading Experts, who effectively served various development sectors for their life, also imparted their vigilant contributions to make the ISAS Journal to maintain good quality standards, attracting good authors of papers, which are well appreciated by the users.

As the current President, ISAS, I am very happy to have lead the ISAS Initiatives to launch the ISAS Journal, as a unique new Indian Initiative and to see that my vision is poised to fructify, meeting the intended high Quality and Relevance.

As I relinquish my very dynamic and fruitful term (2019 to 2023),as President; ISAS and hand over the baton to the next elected incumbent during April, 2023, I am happy that 3 issues of ISAS Journal have been published, with ISSN received, DOI in process and the Journal being poised to receive the UGC recognition soon.

I take this opportunity to wish the Advisory Committee and Editorial Board as well as all the authors of articles and the users of these publications, a great time ahead in terms of value addition and achieving further Excellence and Relevance of the publications that appear in the ISAS Journal to their own R&D work.

I convey my Best Wishes to All elite partners of the Scientific and Technological Community of India, who are striving their best to make India Self Reliant by the Turn of Centenary Year of Indian Independence, 2047.

Till we meet again,

A handwritten signature in blue ink, appearing to read 'Dr. P.P. Chandrachoodan', written in a cursive style.

(Dr P.P.Chandrachoodan)
President,



Indian Society of Analytical Scientists



Message

It's matter of great pride that Indian Society of Analytical Scientists is coming out with its 3rd issue on 31st January, 2023 (as scheduled).

The issue contains variety of papers from various fields such as breast cancer cell cure by bufotalin derived from medicinal plant, reduction of industrial pollutants (dyes) utilizing processes like adsorption, cavigation (hybrid of cavitation and coagulation), Pital Bhasma, an alternative of nano medicines, geological sequestration of CO₂ in porous sedimentary medium filled with saline water besides book review by Dr DK Dubey, Director DRDE of the book on analytical techniques for the trace elements in geochemical exploration. Salient feature of the journal is including novel, purposeful papers of high quality; standard maintained by three levels reviews of the articles.

The journal has already been allotted ISSN; doi for each article (including the already published) is under process for world- wide circulation. UGC care needs at least one to two years.

I sincerely wish the journal makes a wide impact in the field of research in allied sciences. Further, It would be pertinent to express our deep gratitude to Dr P.P.Chandrachoodan, President, ISAS for his excellent initiatives in launching ISAS Journal and for all spontaneous support for maintaining excellence and relevance of the journal!

We would miss his guidance during the processing of fourth issue of the journal due to completion of his elected term as president but I am sure his advice would always be there in taking the Journal to distinguished level of quality in maintaining its excellence!.

A handwritten signature in black ink, appearing to read 'R. Saran', with a stylized, cursive script.

Dr. Raghaw Saran
Vice President and Advisor
J.ISAS



Indian Society of Analytical Scientists.



Editorial

It is my pleasure to present the readers third issue of first volume of **“Journal of ISAS”** which is an open access peer reviewed quarterly e-journal with ISSN number: 2583-5459. It is published by Indian Society of Analytical scientists and having free access to all. Our journal is committed to bring high quality research papers which showcase an integrated approach of all branches of science. The present issue is an example of this which focusses on environmental, geological, microbiological, chemical engineering and ayurvedic aspects of research along with a brief review on the book: “Analytical Techniques for Trace Elements in Geochemical Exploration” which can have direct impact on translational research and on scientific community.

I would like to express my sincere gratitude towards Dr. P.P. Chandrachoodan, President ISAS; Dr. Raghaw Saran, Vice president ISAS and Chairman, Advisory board of Journal of ISAS for their constant guidance and support at each stage in bringing out the journal issue. Their inspirational and motivational messages are gratefully acknowledged. I wish to express my special thanks to Editorial board members: Dr. Vijayalaxmi C. Adya and Dr. Vinay Bhandari for their continuous association in this task. Cooperation from Editorial and Advisory board members as well as reviewers is really noteworthy. I congratulate all the contributory authors for sharing their research in the form of their scholarly articles in this issue. My sincere thanks are due to Kailash Gharat, Shivani Kantak and Vaibhav Parse for the technical support.

Nilima Rajurkar

Dr. Nilima Rajurkar
Editor in Chief, Journal of ISAS

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