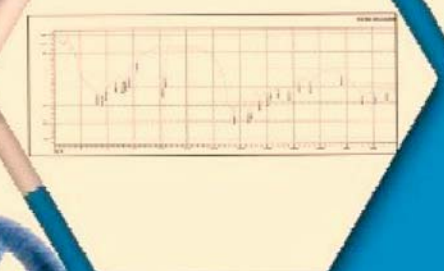
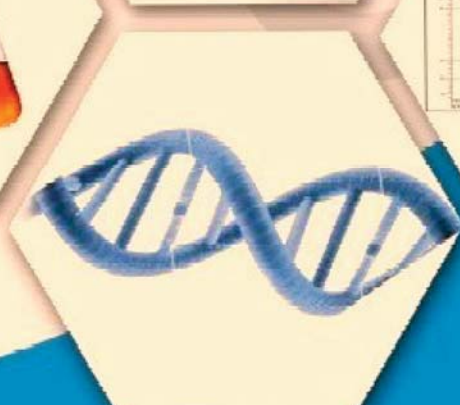
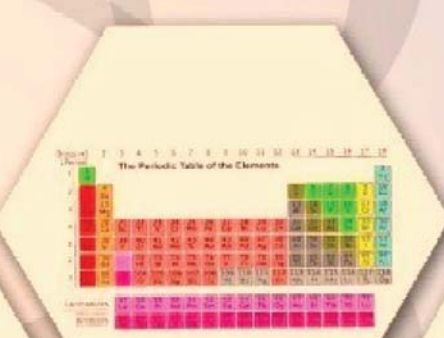
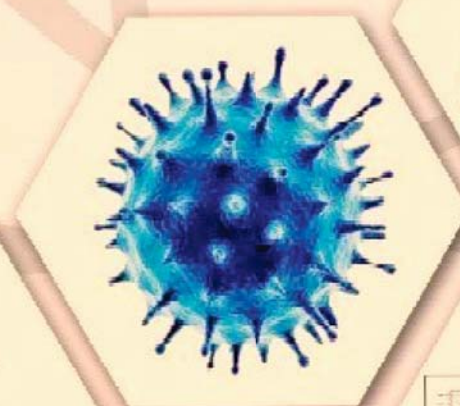
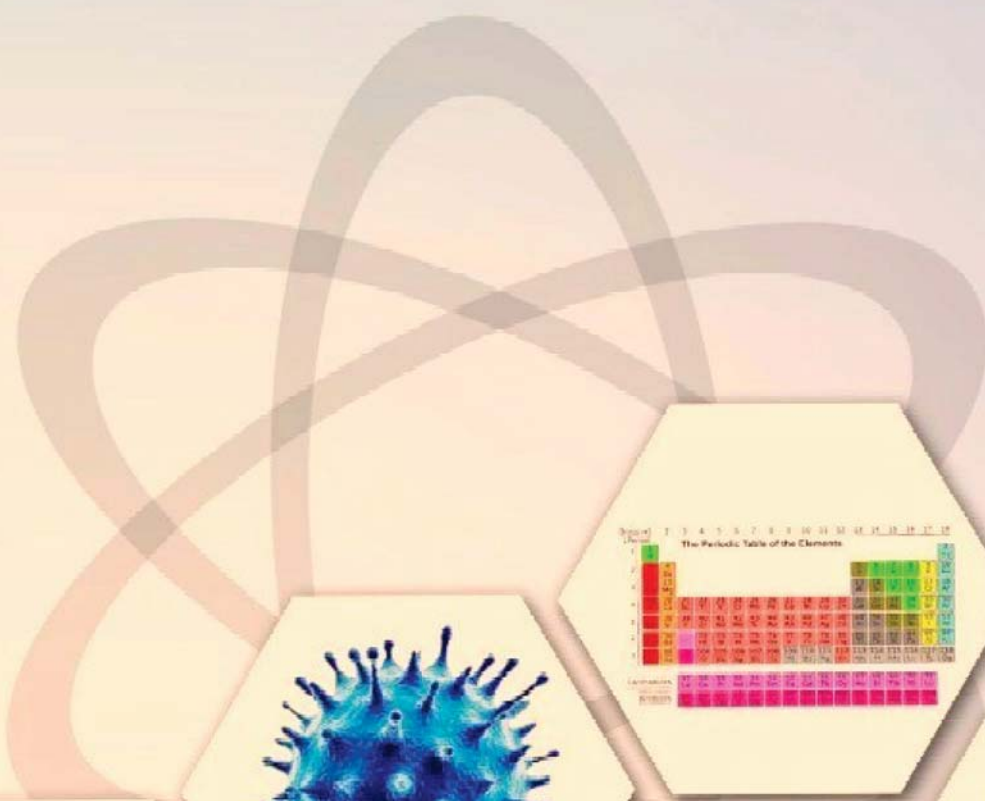




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# Journal of ISAS

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## Journal of ISAS

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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**
  - Divisions within the section should be indicated as subheadings
  - 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**
  - References should be numbered consecutively and should appear in the text as superscript at appropriate places.
  - References should be in following pattern
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Authors' initials and surname, Journal abbreviation, Volume, Page, Year.
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### **Message from President ISAS**

It is a great pleasure that our Journal, Journal of ISAS dealing with borderless analytical sciences comprising of the hybrid interfaces of analytics is going to complete one year of release of its open access, peer reviewed, quarterly electronic version with ISSN and universal id of research works, their digital object identification (doi). We are committed to play a major role in scientific arena involving research and development, their proper application utilising pertinent technology and to create due awareness leading to excellence with relevance.

I am thankful to Head, publication group and Editor in Chief Dr. Nilima Rajurkar and her highly efficient team for the devotion which she imbibes in bringing the journal successfully.

The basic objective of the Journal is to provide utmost exposure to novel research work and it's promotion to the scientific world as far as possible. This would be a reality if we utilise the Journal to the maximum, make it our first choice for publishing our research works. The day won't be too long when the Journal would become first choice by our due support.

Dr. Raghaw Saran  
President ISAS and

Advisor J.I SAS



Indian Society of Analytical Scientists.

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### Editorial

It is a largely undisputed fact that analytical chemistry has been developed tremendously in recent years. No experimental science can avoid analytical chemistry today, since it strongly contributes to the achievements and progress of the various disciplines. Indian Society of Analytical Scientists (ISAS) is one of the prime scientific societies working in the field of analytical sciences. It aims towards excellence and relevance in science and technology and is committed to the dissemination of knowledge, expertise, and improved scientific temperament of the entire community of analytical scientists. Keeping this in mind ISAS started its own journal “Journal of ISAS “ in July 2022 and we have successfully published three issues until now and I am delighted to present the readers fourth issue of first volume of “**Journal of ISAS**” which is an open access peer reviewed quarterly e-journal with ISSN number as well as DOI. It is having free access to all. We have **a substantive in-depth assessment of the manuscripts received having** fast and transparent processing without compromising the peer-review standard. Short reviewing time, quick editorial decision, rapid editing of the proofs and helpful communications are the specialities of our journal. As evidenced from our earlier issues, our journal is committed to bring high quality research papers which showcase an integrated approach of all branches of science. This fourth issue contains research articles and review in the field of minerology, nanoscience, adsorption, ayurveda and nuclear industry.

I would like to express my sincere gratitude towards Dr. Raghaw Saran, president ISAS and Chairman, Advisory board of Journal of ISAS for his constant active involvement in the development of this journal which helped timely release of all the issues. I will like to acknowledge editorial and advisory board members as well as the reviewers for extending their cooperation in bringing this issue up to the mark. My special thanks are due to Dr. Vijayalaxmi Adya and Dr. Vinay Bhandari for their continuous association in this valuable task. I congratulate all the contributory authors for their scholarly articles in this issue. My sincere thanks are due to Maharshi Pandya, Shivani Katak and Vaibhav Parse for the technical support.

*Nilima Rajurkar*

Dr. Nilima Rajurkar  
Editor in Chief, Journal of ISAS

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