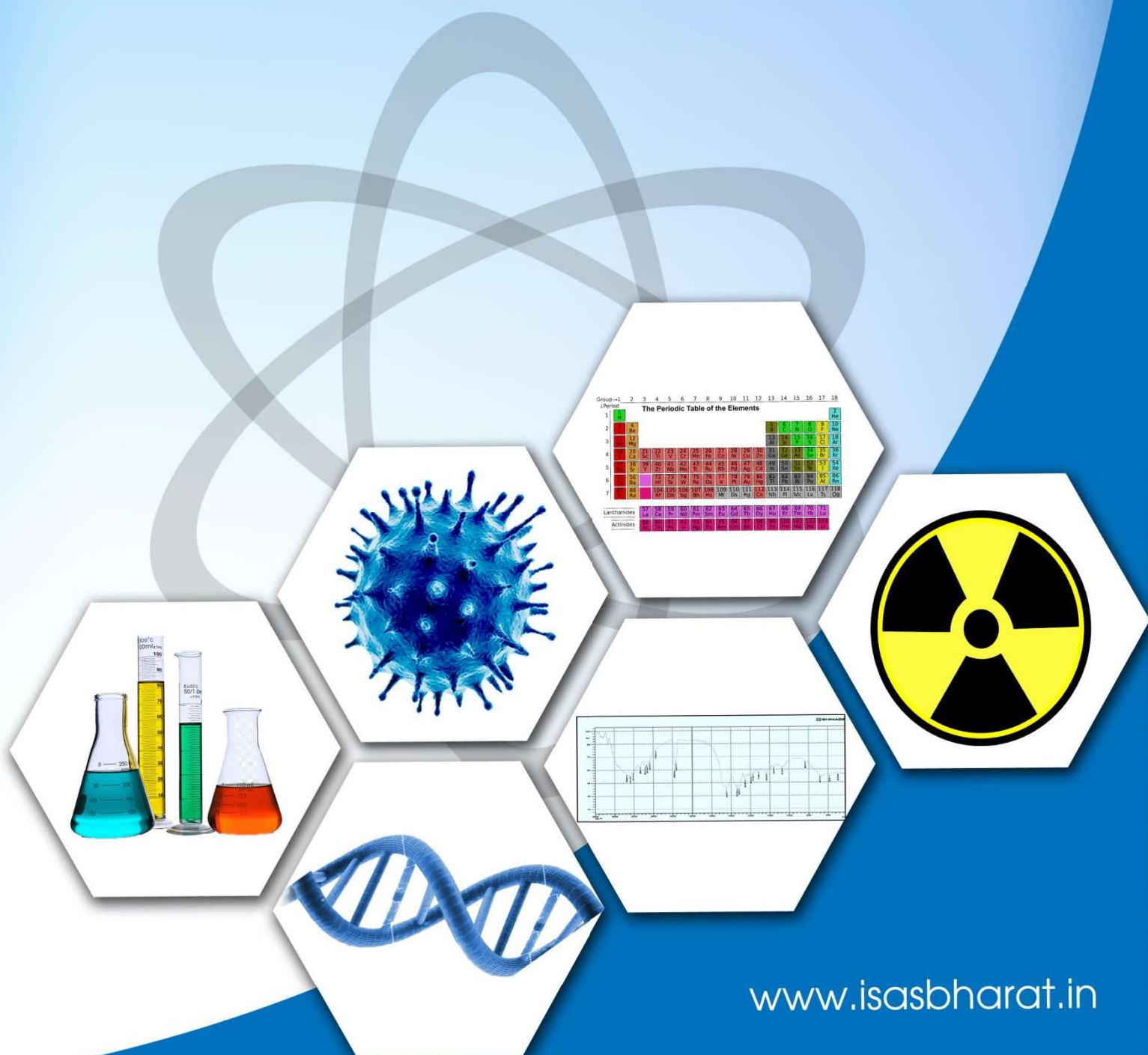




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- Corresponding author should be indicated by * with email ID
- The text should be divided into following sections:
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 - **Key words: 5-6**
 - **Introduction**
 - **Experimental**
 - **Results and 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
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 - All constants should be expressed in **SI units**
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Authors' initials and surname, Book name, Publisher, Place, Year.
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Indian Society of Analytical Scientists.



Editorial

Welcome to the 8th issue of the Journal of Indian Society of Analytical Scientists (J.ISAS), which is quarterly open access e-journal with ISSN and Doi number. In this issue, we delve into cutting-edge research that promises to transform the landscape of environmental sustainability and we are proud to present a diverse range of manuscripts that highlight the innovative approaches being adopted in the field of analytical science to tackle pressing environmental challenges.

Waste water management is crucial for maintaining environmental health, as it prevents pollutants from entering ecosystems. Now a days, bio-adsorbents are emerging as a sustainable solution in wastewater treatment due to their eco-friendly nature and cost-effectiveness. Derived from natural or waste biomass, they effectively remove contaminants like heavy metals, dyes, and organic pollutants through adsorption processes. Their high surface area and functional groups facilitate the binding and sequestration of pollutants, making them easily recoverable and reusable. The use of bio-adsorbents not only aligns with green chemistry principles but also reduces reliance on more expensive and environmentally harsh treatments, promoting a cleaner and more sustainable approach to managing waste water. In the present issue, researchers demonstrated the effective use of bio-adsorbents prepared from coconut shells and wood apple pulp in removing different dyes. Another manuscript the issue delves into catalytic chemistry for green synthesis applications. Through the comparison of different metal organic frameworks, this study contributes to the development of efficient catalysts for organic transformations, promoting greener and more

sustainable chemical processes. The research paper on atmospheric pollution sheds light on the alarming levels of tropospheric ozone, a key component of air pollution. With a focus on a major urban center, this research underscores the urgent need for effective air quality management strategies to safeguard public health and environmental well-being.

The manuscripts featured in this issue exemplify the interdisciplinary nature of analytical science and its pivotal role in advancing sustainable development goals. As we navigate complex environmental challenges, it is imperative to continue fostering collaboration between academia, industry, and policymakers to implement evidence-based solutions for a cleaner and healthier planet.

I extend my gratitude to the authors, reviewers, readers, editorial and advisory committee members for their contributions and support in advancing the frontiers of analytical science for sustainable environmental solutions. I sincerely thank ISAS president and J.ISAS Advisor, Dr. Raghav Saran, as well as Dr. Vijayalaxmi Adya and Dr. Vinay Bhandari for their continuous cooperation in bringing this issue.. Technical support from Shivani Kantak and Vaibhav Parse is highly appreciated



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Editor in Chief
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