

From the Desk of the Editor-in-Chief

It is with a sense of deep responsibility and professional satisfaction that I present the inaugural issue of **Indian Journal of Science, Technology & Environment**, a scholarly platform dedicated to the advancement of research in science and technology. The establishment of this journal reflects both the continuing expansion of scientific knowledge and the growing need for interdisciplinary dialogue to address the complex challenges of our time.

The rapid pace of technological progress has brought science and society into closer interaction than ever before. Research outcomes are no longer confined to laboratories or academic discourse; they shape policies, economies, and the lives of communities worldwide. In this context, IJSTE aspires to provide a rigorous, double-blind peer-reviewed venue where scholars can disseminate research that is at once methodologically sound, intellectually innovative, and socially relevant.

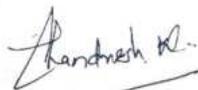
The contemporary research landscape is defined by urgent and emerging frontiers that call for sustained scholarly attention. These include quantum science and technology, artificial intelligence and automated discovery, sustainable energy systems, synthetic biology and biosecurity, and climate resilience through innovative materials and circular practices. Rather than treating these themes as distant prospects, the journal strongly encourages the academic community to undertake systematic, critical, and collaborative research that can directly contribute to solutions. By prioritizing studies that address these domains, the journal seeks to support work that advances scientific understanding while also informing policy and practice at a global scale.

This first issue presents a selected set of contributions that reflect the journal's commitment to quality, novelty, and relevance across diverse domains of science and technology.

The successful realization of this inaugural issue has been possible only through the collective efforts of many individuals and institutions. I extend my sincere gratitude to Dr. Diwakar Choudhary for his vision and initiative in bringing this journal to life, to the publishing team for their constant support and professionalism, to the editorial board for their guidance and expertise in shaping the journal's direction, and to the reviewers whose critical evaluations ensured the scholarly rigor of every published article. I am indebted to the authors for their trust in choosing this new platform to disseminate their valuable research. To all who have contributed, I offer my heartfelt appreciation; this inaugural issue is the outcome of a truly collective endeavor.

The launch of Indian Journal of Science, Technology and Environment marks only the beginning of a long and evolving scholarly journey. The journal aims to establish itself as a globally recognized, indexed platform that promotes high-quality research, fosters interdisciplinary exchange, and contributes meaningfully to the advancement of science and technology in service of humanity. I warmly invite scholars, practitioners, and researchers worldwide to contribute their work, engage in critical dialogue, and collaborate in shaping the future direction of this journal.

With these commitments, I welcome you to the first issue of Indian Journal of Science, Technology and Environment and look forward to the continued growth of this endeavor.



Dr. Chandresh Kumar Chhatlani

Editor-in-Chief

Indian Journal of Science, Technology & Environment (IJSTE)