

Fostering Sustainable Innovation: Blueprints for Tomorrow

Dear Esteemed Colleagues and Readers,

It is with great pleasure and anticipation that I extend my warmest welcome to you all as the Founding Editor-in-Chief of *Innovation of Chemistry & Materials for Sustainability* (ICMS), an open-access journal dedicated to advancing research at the intersection of chemistry and materials science for sustainable future as traditional subscription-based models often limit the accessibility of research findings to a privileged few, hindering the potential for widespread knowledge dissemination. Thus, this open access holds immense significance in today's rapidly evolving academic landscape to break down these barriers and provide researchers, scholars, scientists, and the public at large with unlimited access to valuable scientific knowledge.

As we stand at the beginning of a new era, characterized by exceptional global challenges and opportunities, the imperative for innovation in chemistry and materials science has never been more pressing. Climate change, resource depletion, environmental pollution, and societal inequality are among the complex issues that demand our unwavering attention and concerted action. However, in the face of these challenges, we also find ourselves at the dawn of a remarkable era of scientific discovery and technological advancement, where the synergistic application of chemistry and materials science holds immense promise for driving positive change. ICMS emerges as an inspiration of hope and a catalyst for progress in this transformative passage towards a more sustainable future. Our journal is devoted to publishing cutting-edge research that not only expands the frontiers of knowledge but also translates scientific insights into concrete explanations with real-world impact. By raising interdisciplinary collaboration and promoting the principles of open access and transparency, we aim to accelerate the pace of innovation and facilitate the dissemination of ground-breaking discoveries to a global audience.

Innovation is the foundation of growth, and it is our steady commitment to foster ground-breaking research that pushes the boundaries of what is possible. From novel materials design to sustainable synthesis methods, from renewable energy technologies to waste valorization strategies, our journal will showcase the latest advancements that hold the promise of a brighter future for generations to come. Our journal is poised to be a beacon of light in this transformative era, where innovation converges with sustainability to forge a path toward a greener and more equitable world.

At the heart of our mission lies a deep-seated belief in the power of science to address the most pressing challenges facing humanity. Through rigorous peer review and editorial excellence, we strive to uphold the highest standards of scholarship and integrity, ensuring that the research published in our journal is of the utmost quality and significance. Furthermore, we are firmly committed to promoting diversity, equity, and inclusion within our editorial team, authorship, and readership, recognizing that innovation thrives in environments that embrace diverse perspectives and experiences.

As we embark on this journey together, I extend my heartfelt gratitude to our esteemed editorial board, and dedicated reviewers, invited researchers, practitioners, policymakers, and visionary authors who have entrusted us with their invaluable contributions from around the world to join us in our quest for sustainable solutions.



Whether you are a seasoned expert or a budding scholar, your contributions are invaluable in shaping the discourse and driving meaningful change. Together, let us harness the power of innovation in chemistry and materials science to build a more resilient, equitable, and sustainable future for a brighter tomorrow.

Thank you for your support, and I look forward to embarking on this exciting adventure with you.

Warm regards,



Susanta Banerjee 

Professor (HAG) & Institute Chair Professor
Chairperson, Central Research Facility
Former Head, Materials Science Centre
Indian Institute of Technology Kharagpur
Kharagpur - 721302, India.

Author Information

Email: susanta@matsc.iitkgp.ac.in

Biography

Prof. Dr. Susanta Banerjee has been associated with the Indian Institute of Technology Kharagpur, India, for over 18 years. He previously served as the head of the Materials Science Centre (May 2014 to May 2017) and is currently the Institute Chair Professor and Chairperson of Central Research Facility. Before joining IIT Kharagpur he served 14 years as Scientist at DRDO and GE India Technology Centre, Bangalore. He is the recipient of the prestigious AvH fellowship from Germany and a fellow of the WAST. Prof. Banerjee has supervised over 30 doctoral and 45 master's theses in polymer and materials science and engineering. He has completed many exciting projects at DRDO, GEITC, and IIT-Kharagpur, driven by his passion for advocating future sustainability.

Notes

The views expressed in this editorial agreed by the Insuf Publications.