



From the desk of the Editor-in-Chief

It gives me immense pleasure to present the second edition of “**Coherence: A Scientific Journal**”—a publication of the Science Subjects of the Bhawanipur Education Society College (The BES College), Kolkata, India, that reflects the collective spirit of investigation, innovation, and academic care fostered within our institution.

The second edition of “**Coherence: A Scientific Journal**” brings together a compelling collection of research articles, reviews, and insights from the collaborative endeavour of the students and teachers of the Physics, Chemistry, Mathematics, Economics, Computer Science, and Electronics Departments that hold the exact meaning of the term “Coherence”. The three ‘C’s represent the term “Coherence”: clarity, connection, and consistency—a pertinent representation of the multidisciplinary harmony that upholds the Journal’s vision.

This second edition features a broad spectrum of research articles and reviews highlighting foundational concepts and emerging trends across disciplines. Each contribution has been carefully reviewed and curated to maintain academic integrity and relevance to uphold the journal’s vision in a dynamic and evolving science landscape.

I extend my heartfelt gratitude to our editorial board, including the Section Patron, the executive editors of the topical collections, the Managing Editors, Assistant Editors, peer reviewers for their meticulous evaluations, contributors, and the enthusiastic student researchers whose collective efforts have enriched this edition and elevated the standard of our publication. I also convey my sincere thanks to the leadership of The BES College for their continued support in nurturing a culture of research and scientific literacy.

As we move forward, we remain committed to nurturing a vibrant scientific community to carry the legacy with the relentless pursuit of knowledge. I invite all of you to explore this edition with the same passion and to join us in shaping the future of “Coherence”. I hope Coherence continues to inspire and serve as a valuable resource for students, researchers, and educators.

May “*Coherence*” continue to grow as a source of inspiration and academic excellence in the future.

Dr. Pinki Saha Sardar

Vice-Principal, Science,

Editor-in-Chief

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