



From the Chief Editor

Hello Readers!!

We're happy to bring a third issue of *Spring Chronicle* with articles which, we hope, would interest you. **Dr. Jagadeesh Bandekar**, Technical Development Leader at Dow Chemical Company, Midland, USA, whose *Part I* of [The Kumbha Mela Festival](#) was published in the second issue, has contributed *Part II* to the present third issue. He has chosen to present a wider canvas of Indian knowledge systems, as it were, of the ancient times which includes advanced astronomical methods, the decimal number system, the classic treatises of some of the scholars and the core value-systems. He has rallied these 'knowledge branches' under the umbrella of [The Kumbha Mela Festival: The Evolution of Hindu Way of Life](#) to drive home the message that ancient Indian rich culture has influenced the other cultures beyond Indian sub-continent. What is more, he has narrated how *Mahatma Gandhiji* adopted *satya* and *ahimsa* as the cardinal principles from *Gita* as his instrument of non-violence movement against British Rule.

Dr. Anuradha A. Ramoji of Friedrich Schiller University, Jena, Germany, has written about a life-threatening syndrome called *sepsis*, a relatively neglected epidemic. Her article is entitled [Sepsis: The Overlooked Epidemic in Modern Medicine](#). For the benefit of the readers, Dr. Anuradha briefly explains the genesis, symptoms, treatment and education concerning the epidemic. She argues that the handling of the epidemic requires awareness among people and policy intervention. The article would surely draw readers' attention to the epidemic.

Dr. Agnikumar G. Vedeshwar, Senior Professor, Department of Physics & Astrophysics, University of Delhi, Delhi, has discussed in his article, [Symmetry in Physics: A Perspective](#), the role of symmetry in physics. Symmetry, being an attribute of objects and of physical laws in Nature, manifests in terms of the unchanging properties against changes such as motions. He brings up in easy language the fundamental role of symmetry in different branches of physics and its association with the fundamental laws, namely, the laws of conservation of energy and momenta.

Prof. B. G. Mulimani and I are happy to contribute an article on [*Beauty and Truth in Science*](#) which discusses what beauty is and its role in providing logical consistency for the physical laws and, if the laws are beautiful then, the scientist justifiably believes them to be *true*. Therefore, what is beautiful is true. Beauty does involve symmetry as an essential element, aiding scientists to gain a deeper understanding of phenomena in Nature. The quest for *beauty* and *truth* is the scientist's fundamental motivation in the pursuit of science. Dr. A. G. Vedeshwar's discussion on the role of symmetry in physics is essentially the common factor in our analysis too.

We have an eye-opener article on [*Collective Action for Sustainability - From policy to practice*](#) from **Dr. Basanna S. Patagundi**, Professor at National Forensic Sciences University, Delhi, which deals with the most pressing problem of our times, namely, the unsustainable development model pursued by India and its disastrous consequences already evident by way of natural calamities, unplanned consumption of natural resources and slow-down economic growth. He proposes that the adoption of UN's social development goals (SDG) is the panacea for all the problems being faced by India.

I, on behalf of *Spring Chronicle*, gratefully acknowledge the generous contributions by the above authors to the third issue. We do hope our readers will enjoy reading articles.

The *Spring Chronicle* wishes all the contributors and our readers a very *Happy Navaratri and Deepawali Festivals*.

Dr. Jagdish Tonannavar,
Chief Editor

About the magazine:

The Spring Chronicle is an online magazine for publishing articles on Science, Mathematics, Technology, Engineering, Humanities and Social Sciences for the learned lay-audience. We're a group of academics committed to sharing knowledge in terms of articles contributed by scientists, scholars and experts. The articles, mostly

popular, will cover perspectives (historical/contemporary interest), views and opinions by way of scholarly elucidation and thereby they would enrich people's understanding.

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