

EDITORIAL

The year 2011 is being celebrated as an International Year of Chemistry (IYC) to highlight the progress in the field of chemistry and the contributions that chemistry has made for the well-being of human kind. This year also marks the 100th anniversary of the Nobel prize award to Marie Skłodowska Curie. The theme of the celebration is *Chemistry: Our Life, Our Future*. The first article, "Where would we be without Chemistry?" is by the chemist and teacher Sir Peter Atkins of the University of Oxford. It is reprinted from the magazine, 'A World of Science', Vol. 9, No.1, 2011. It talks about how chemistry has changed our life and the world around us. It also reminds us about the problems associated with this development. Chemistry has been used to make explosives used in armaments, and to make poison. Above all, the effluents of chemical plants are hazardous to environment. The Bhopal Gas Tragedy in 1984 is still fresh in our mind which was a result of explosion at the Union Carbide Plant. So, while celebrating about the positive contributions of chemistry, one should keep the other negative

aspects in mind and efforts should be minimised and contain the ill effects for sustainable development in long range.

The next article in this journal is about the Green Chemistry and how school curriculum in chemistry can be designed with focus on Green Chemistry. It talks about different aspects of Green Chemistry and presents modules/experiments/lesson plan which could be possibly integrated into a chemistry curriculum. Dr A.K. Mody talks about construction of knowledge and development of multiple intelligence through problem-based learning with examples from physics. A research-based extensive study titled 'A Comparative Study of Scholastic Achievement in Mathematics Examination in Relation to Conceptual Understanding and Mathematics Ability' is presented by Arundhati Mech and Kuntala Patra. A small article highlighting the contribution of information technology in rural development is also included in this issue, in addition to regular features like web watch and book review.

Your comments and suggestions are welcome.