



## Editorial

It is indeed a pleasure to write introductory remarks on the special issue containing contributions from the ‘School of Advanced Materials’ (SAMat) at Jawaharlal Nehru Centre for Advanced Scientific Research (JNCASR), Bangalore. SAMat is a virtual School with participation of researchers from different units of JNCASR namely, Chemistry and Physics of Materials, New Chemistry, Theoretical Sciences and International Centre for Materials Science. The activities of the School include dissemination of knowledge through scientific research and publications, conduct conferences with international participation, publish books and reviews among others. The School has developed into an active centre for research in the area of materials science in India.

The papers that appear in this special issue deal with contemporary research problems in the areas of ‘materials chemistry and physics’—landscape related to various aspects of basic and applied sciences, which is a testimony to a very wide range and breadth of research problems being addressed at the School. There are twenty high-quality research articles that report data and interpretation on nanomaterials, thin films, energy conversion, storage, molecular recognition, drug-resistant bacteria, peptide aggregates, cluster growth in granular fluid and other aspects. The cross pollination and collaborative efforts are quite evident in the results presented. There is an uncanny ability to address complex issues involving experimental and theoretical studies, which is readily perceived from the data presented. I am fairly certain that the results presented in this issue will lead to additional path-breaking findings and will also be lead-for-others to follow. I enjoyed handling all the manuscripts submitted to the special ‘SAMat’ issue of *Bulletin of Materials Science*.

*Guest Editor*

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