Modern Trends in Inorganic Chemistry

Editor's Note

This year – 1984 – is the sixtieth year of the Journal Proceedings of the Indian Academy of Sciences–A, which in 1978 was split into three main disciplines: Chemical, Mathematical, and Earth and Planetary Sciences. The diamond jubilee of this publication is a momentous event and on this occasion it has been decided to bring out special theme issues on topics of current interest, particularly in frontier areas.

This Proceedings issue includes the plenary talks presented at the Modern Trends in Inorganic Chemistry (MTIC-5) meeting held recently in the Indian Institute of Science, Bangalore to focus on the advances made in the area of inorganic chemistry. Substantial progress can be recognized in the areas of coordination chemistry, structure and reactivity, bioinorganic chemistry, organometallic chemistry, homo and heterogeneous catalysis, reaction kinetics, solid state inorganic chemistry and others. Novel syntheses, interesting structures and important bonding features reported here discuss unusual properties in inorganic compounds. The large number of posters presented at the conference give an overview of the breadth of research and, in the area of inorganic chemistry, encompass novel material preparations, photoexcited state properties of coordination compounds, unusual structures of metal chelates, structure–reactivities of organoelemental compounds, metal clusters, general aspects of bioinorganic chemistry and others.

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