

Contents	Pages
Preface	i-ii
Balancing Static and Dynamic Correlation in Diradicals: A Low-Cost Multireference Perturbative Strategy <i>Suvonil Sinha Ray</i>	1-6
Flourescence Sensing Mechanism and Hydrazide Moiety <i>Chandana Sen</i>	7-20
Physiologically Based Pharmacokinetic Modelling and Simulation Study to Predict the Plasma Concentration Profile of Chrysin Obtained from the Extract of Mangifera Indica <i>Abhradeep Basua, Anamika Basu</i>	21-30
Temperature Compensation for Circadian Oscillations: A Brief Theoretical Explanation <i>Shrabani Sen</i>	31-36
Towards the Synthesis of Polymeric Ladderphanes from Cyclopropene Monomers: A Model Study <i>Biswajit Panda</i>	37-46
Complexes Derived from Copper and Nickel Schiff Base and Alkali Metal Salts: Preparation and Antimicrobial Study <i>Chandan Kumar</i>	47-52
Oxidation of Hydroxylamine by a Tetranuclear Manganese Complex in Aqueous Acidic Medium– Proton Coupled Electron Transfer <i>Suranjana Chatterjee</i>	53-62
Chromium (VI) Immobilized on Mesoporous Polyaniline (Cr-PANI) as a Catalyst for the Oxidation of Alkanes and Alkenes Under Mild Conditions <i>Usha Mandi</i>	63-73
Recent Developments on the Synthesis of Colorless Polyimides <i>Pradip Kumar Tapaswi</i>	74-96
Importance of Zinc in Human Health: A Comprehensive Review <i>Debarati Dey</i>	97-103
Experimental Support for the Charecterization of Carbon Allotrpoes and Nanocomposite Materials for Easy Analysis <i>Prasenjit Mandal and Sk Imran Ali</i>	104-115