

Foreword

It is my great pleasure to write a foreword for this special issue of the Proceedings of Indian Academy of Sciences, Chemical Sciences, containing several contributed papers presented at the International Conference on Raman Spectroscopy, held at the Indian Association for the Cultivation of Science, Calcutta, during November 2–6, 1988, as part of the celebrations commemorating the Birth Centenary of Professor C V Raman and the Diamond Jubilee of the discovery of the Raman Effect. Professor Raman spent the most productive period of his scientific career at the Association, where he discovered the Raman effect in 1928. The topics covered at the conference included applications of Raman spectroscopy to biological systems, solid state systems, surface phenomena, resonance Raman spectroscopy, nonlinear Raman spectroscopy like CARS, time-resolved Raman scattering, high-resolution Raman spectroscopy and new developments in techniques and instrumentation. This issue of the Proceedings (Chemical Sciences) will, I hope, help demonstrate the power and ever-increasing use of Raman spectroscopy in various interdisciplinary fields of research.

On behalf of the Organizing Committee of the International Conference, I express my gratitude to the Editorial Board of the journal for undertaking the publication of this volume and to the referees who scrutinized the papers. I specially thank the contributors of papers to this issue. I would also like to acknowledge the generous financial assistance from various sources for the conference.

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