

India–Japan Seminar on Computational Materials Science, October 1998, Bangalore

FOREWORD

India–Japan Cooperative Science Programme has been in progress since 1993 with the support of the Department of Science and Technology (DST), India and the Japan Society for the Promotion of Science (JSPS), Japan. Advanced materials is one of the five priority areas selected under this programme. In the area of advanced materials, computational materials science was identified for collaborative activities on the basis of personal interactions between Indian and Japanese specialists. An India–Japan Joint Seminar on Computational Materials Science was held in Hyderabad in October 1996. The proceedings of this seminar were brought out as a special issue of the Bulletin of Materials Science in September 1997.

As a sequel to the Hyderabad seminar, an India–Japan Joint Seminar on Computational Materials Science was held on 12 October 1998 in the premises of the Jawaharlal Nehru Centre for Advanced Scientific Research (JNCASR), Indian Institute of Science (IISc) Campus, Bangalore. The seminar was inaugurated by Professor C N R Rao, Co-Chairman of the India–Japan Science Council. Professors M Doyama, M Morinaga, A Miyamoto, H Koinuma and Y Kawazoe constituted the Japanese side and made presentations. The six Indian speakers were Professors P Rama Rao, R Narasimhan, E D Jemmis, K J Rao, B K Godwal and S Balasubramanian. This issue of the Bulletin of Materials Science contains written versions based on the seminar presentations. As a result of this seminar which brought together Indian and Japanese scientists, a few exchange visits are expected to take place during the coming year. It is earnestly hoped that this joint endeavour will result in significant contributions to the advancement of materials science.

Professors G Ananthakrishna, S Yashonath, IISc and Dr Shobana Narasimhan, JNCASR, have worked hard for the successful organization of the seminar. We feel greatly indebted to them. We also place on record our gratefulness to Dr A P Kulshreshta and Shri G Padmanabham, DST who were a source of strength.

Masao Doyama
P Rama Rao
Guest Editors