

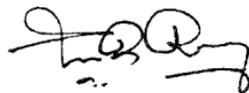
Foreword

The Jawaharlal Nehru Centre for Advanced Scientific Research (JNCASR) was established in 1989 to commemorate the centenary of Pandit Jawaharlal Nehru by the Department of Science and Technology, Government of India. The main objective of the Centre is to promote active research at the highest level in chosen areas of science. The Centre maintains close links with the Indian Institute of Science (IISc).

During this decade of its existence the Centre has made progress in many directions. Research and academic activities have picked momentum. The faculty and student strengths at the Centre are growing. The Centre is involved in several extension activities such as JNCASR-COSTED International Fellowships, ICTP-IISc-JNCASR Associateship Programme, DST-JNCASR Coordinated Programme with Kazakhstan and Uzbekistan, Short-term Courses, Visiting Fellowships, Summer Research Fellowships, Discussion Meetings, Workshops for school and college teachers and publication of the Educational Monographs.

During the annual faculty meeting held each year, lectures covering different areas of research are delivered by the members of the Centre. The lectures delivered during the 9th annual meeting held during November 1998 are presented in this special issue of the *Journal of the Indian Institute of Science*.

We are thankful to Prof. M. S. Shaila, Editor, and Mr. N. M. Malwad, Executive Editor, for bringing out this special issue.



C. N. R. RAO
President

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