

## Foreword

The 14th National Symposium on Plasma Science and Technology (Plasma-99) was held during December 21–24, 1999 at Guru Nanak Dev University, Amritsar. The symposium was jointly organized by Plasma Science Society of India and Guru Nanak Dev University. Since this symposium was held at the threshold of a new century, a new millennium, the theme this time was, aptly, Plasma physics in India: Review and future trends. To do justice to this theme, it was decided to have invited review talks in various categories covering basic plasma physics, space and astrophysical plasmas, industrial plasmas and plasma processing, chaos and non-linear phenomena, inertially confined fusion plasmas, novel plasmas and magnetically confined fusion plasmas. There were 19 invited general and topical review talks and about 180 contributed papers.

Prof. P K Kaw, Director, Indian Institute for Plasma Research, Gandhinagar delivered the keynote address of the symposium. About 200 delegates from various universities and institutes in India, including Prof. G S Lakhina, Director, Indian Institute of Geomagnetism, Mumbai, Prof. C Uberoi, Dean Sciences, Indian Institute of Science, Bangalore and Prof. Vinod Krishan, Indian Institute of Astrophysics, Bangalore participated in the symposium. Another highlight of the symposium was that the delegates had the privilege of listening to Prof. R K Verma, Former Director, Physical Research Laboratory, Ahmedabad, who delivered a popular talk. Prof. P K Shukla, Ruhr University, Bochum, Germany and Prof. M Hashmi, Max Planck Institute, Garching, Germany also attended the symposium and delivered their talks.

We would like to thank the members of the National Advisory Committee, Local Advisory Committee and Local Organising Committee for their advice and help in finalising the academic programme and the organization of the symposium. The co-operation received from the faculty members, non-teaching staff, technical staff and students of the physics department is gratefully acknowledged.

Our thanks are also due to the editorial board and editorial staff of *Pramana* for making this publication possible.

The financial support from Institute for Plasma Research, CSIR, DST, DAE, IIGM, MIT, AICTE, SINP and Guru Nanak Dev University, made the symposium a success.

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