

## Planetary Science and Exploration Programme

Physical Research Laboratory, Ahmedabad

### Call for Proposals in Planetary Sciences

The Indian Space Research Organization (ISRO) has taken a number of initiatives to plan for a National Research Programme in the area of Planetary Science and Exploration. This announcement **solicits proposals in the field of Planetary Science**. Universities, Research and Educational Institutions may submit proposals and participate in the National Planetary Science/Exploration Programme.

The **thrust areas of research** include the following:

Modeling of planetary magnetospheres, ionospheres and atmospheres, planetary surfaces and their interior and their evolution with time.

Ground-based observations of planetary process in optical, infrared and radio frequencies using available telescopes.

Laboratory studies of astromaterials including samples of meteorites of Lunar, Martian and Asteroidal origin, Lunar samples and any other planetary materials which may become available in future.

Design and development of scientific experiments/payloads for Lunar and planetary probes/missions.

Analysis of data available from planetary missions.

The **proposal should contain** the following information:

Title of the proposal; Names and addresses of Principal Investigator and co-Investigators; Abstract of the proposal in 500 words; Overall scientific objectives and justification; Background of the research in the field – national and international; Plan of work; Methods and techniques to be used; Available infrastructure; Recent five publications relevant to the proposed work; Budget break-up including amount required towards fellowship, equipment, consumable, components, travel, contingencies.

After suitable reviews, selected proposals will be considered for financial support by ISRO.

Two copies of the proposals may be submitted at any time to the following address. However, if proposals are submitted before 15 November 2001, they can be processed this year.

Prof. N. Bhandari, Physical Research Laboratory, Navrangpura, Ahmedabad 380 009, India; Ph: (079) 6302129; Fax: (079) 6301502; e-mail: bhandari@prl.ernet.in

### Department of Theoretical Physics University of Madras

Applications are invited from candidates with Ph.D. degree in Theoretical Physics for a Research Associate position in a Department of Atomic Energy (Board of Research in Nuclear Sciences) project. The title of the project is '**Quantum Groups and Integrable Models**'. Initial appointment will be for one year with a possibility of renewal for two more years. The scale of pay is Rs 8000 + housing allowance and medical allowance (as per University of norms). Interested candidates should send their CV on or before 1 December 2001 to:

Dr Ranabir Chakrabarti, Department of Theoretical Physics, University of Madras, Chennai 600 025, India

### Applications are invited for a JRF position in a BRNS-funded research project

*Qualification:* M.Sc. (Chemistry/Physical Chemistry)

*Fellowship:* Rs 5000 pm (+HRA & Medical)

*Duration:* 1 year (likely to be extended)

Apply (along with CV) within 15 days to:

Dr Bhaskar G. Maiya, School of Chemistry, University of Hyderabad, Hyderabad 500 046, India