

Planetary Research Programme

Call for Proposals and Workshop/Training Course

Announcement

Call for Proposals:

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 magnetosphere, ionosphere and atmosphere and their evolution.
- Ground based observations of planetary processes 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.

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 breakup including amount required towards fellowship, equipment, consumables, components, travel, contingencies. The time schedule of various elements of work should be provided as a bar chart.

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

Proposals may be submitted at any time to the following address. However the last date for the receipt of first batch of proposals is 10 February 2001. (Proposals can be submitted electronically followed by post.)

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Workshop/Training Course:

In order to create awareness amongst scientists, particularly in universities and national laboratories and attract bright and talented students to take up research work in the challenging area of Planetary Science/Exploration, ISRO proposes to organize periodic workshops and training programmes. The First Workshop in this series is planned to be held at Physical Research Laboratory (PRL), Ahmedabad during February/March 2001 on the theme 'Meteorites, Asteroids and Planets'. The main features for organizing this workshop are listed below:

- The workshop will consist of lectures by experts, group discussion.
- Three or four bright participants will be selected for further intensive training in specialized fields related to the thrust areas in Planetary Science.

Post-doctoral Fellows, Research Scholars working towards their Ph.D. Degree and final year M.Sc. students in Physics, Chemistry and Earth Sciences may apply.

Selected participants may be provided travel support, accommodation and boarding for the duration of the workshop.

Interested scientists/students may write or send e-mail to the following address before 20 January 2001 enclosing their brief bio data and research interest and a reference letter from Department Head/Research Supervisor.

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