



Physical Research Laboratory

Ahmedabad 380 009

Planetary Sciences and Exploration Programme (PLANEX)

CALL FOR PROPOSALS IN PLANETARY SCIENCES

The Indian Space Research Organisation (ISRO) has taken a number of initiatives to start a National Research Programme in the area of Planetary Science and Exploration. Chandrayaan-1, the first Indian mission to Moon which was flown on 22 October 2008 has given a boost to the scientists and researchers in the field of Planetary Sciences.

The proposal should address the following thrust areas of research:

- Modeling of planetary magnetospheres, ionospheres and atmospheres; formation and evolution of planetary, asteroidal and cometary surfaces, their interiors.
- Analysis of remote sensing data available in public domain from planetary missions to Moon, Mars and Asteroids.
- Ground based observation of planets, satellites, asteroids and comets in optical, infrared and radio frequencies using available telescopes.
- Laboratory studies of astromaterials including samples/meteorites from Moon, Mars and Asteroids.
- Laboratory studies (physical, chemical, optical) of planetary analog materials.
- Studies of terrestrial samples/problems that have implication for understanding planetary processes in general.

The proposal should be submitted through appropriate channels and should have the following information:

- Title of the proposal
- Names and addresses of Principal and Co-Investigators
- Abstract of the proposal in 500 words
- Overall scientific objectives and justification
- Background of the research in the field – national as well as international
- Plan of work and time schedule
- Methods and techniques to be used and available infrastructures
- Recent five publications relevant to the proposed work
- Budget break-up including amount required towards fellowship, equipments, consumables, components, travel, contingencies, etc.

After review, the selected proposals will be considered for financial support by ISRO. Two copies of the proposals may be submitted to the following address at any time.

Prof. S. V. S. Murty
Coordinator, PLANEX
Physical Research Laboratory
Navrangpura, Ahmedabad 380 009

Phone : (079) 2631 4358/2631 4408 (Direct)
(079) 2631 4407 (Secretary)
Fax : (079) 2631 4407
e-mail : planex@prl.res.in