

Institute of Physics, Bhubaneswar, India

Post of Chemist

Institute of Physics (IOP), Bhubaneswar has a 3 MV Pelletron Accelerator facility which has been augmented recently for Accelerator Mass Spectrometry (AMS) work involving ^{14}C and ^{10}Be analysis.

Applications are invited for immediate recruitment of one position of Chemist who would be responsible for preparation of graphite samples for AMS measurements and for carrying out delta- ^{13}C measurements using stable isotope mass spectrometer at the Institute. The candidate should be well-versed with chemical techniques for sample preparation and should have experience in nuclear analytical methods for analysis of samples.

A Ph.D. degree with appropriate experience in applied nuclear methods is a necessary requisite.

The post is in the grade of Scientist-D in the scale of pay of Rs 10,000–325–15,200/- per month plus other allowances as admissible to the Govt. of India employees posted at Bhubaneswar. Starting salary will be commensurate with relevant experience.

Interested candidates may send their applications and bio-data to the Director to reach on or before **31 March 2005**. Candidates must also arrange to send two letters of reference in support of their candidature.

The Director
Institute of Physics
Sachivalaya Marg
Bhubaneswar 751 005

Phone: +91-674-2301058
Fax: +91-674-230 0142
e-mail: director@iopb.res.in
Website: <http://www.iopb.res.in>

PLANETARY SCIENCES 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 start a National Research Programme in the area of Planetary Science and Exploration. The Chandrayaan-1 mission scheduled for late 2007 will provide a major impetus in this direction. As a part of this initiative, we now solicit proposals in the field of Planetary Science from scientists from universities, research and educational institutions.

The proposals should address the following thrust areas of research:

- Modeling of planetary magnetospheres, ionospheres and atmospheres and of formation and evolution of planetary, asteroidal and cometary surfaces and their interior and their evolution with time.
- Analysis of Remote sensing data available in public domain from planetary missions to Moon, Mars and Asteroids.
- Ground based observations of planets, satellites, asteroids and comets in optical, infrared and radio frequencies using available telescopes.
- Laboratory studies of astromaterials including samples of meteorites of Lunar, Martian and Asteroidal origin and of Lunar samples.
- 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 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 and Time Schedule
- Methods and techniques to be used and available infrastructure
- Recent five publications relevant to the proposed work
- Budget break-up including amount required towards fellowship, equipment, consumables, components, travel, contingencies

After suitable reviews, 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. However, proposals submitted before **30 April 2005** will be processed before October 2005.

Prof. J. N. Goswami
Physical Research Laboratory
Navrangpura, Ahmedabad 380 009

Phone: (079) 26302129 (Ext. 4072)
Fax: (079) 26301502
E-mail: goswami@prl.ernet.in