



# PHYSICAL RESEARCH LABORATORY

(A Unit of Dept. of Space, Govt. of India)

NAVRANGPURA, AHMEDABAD 380 009. INDIA

## Doctoral (Ph.D.) Programme

PRL invites applications from highly motivated students to pursue doctoral research in the following areas: Theoretical Physics & Complex Systems; Space & Atmospheric Sciences; Quantum Optics & Quantum Information; Astronomy, Astrophysics, and Solar Physics; Planetary - & Geo-sciences. Applications are to be made in the prescribed form which can be downloaded from our website ([www.prl.res.in](http://www.prl.res.in)) or may be obtained on request by post by enclosing a self-addressed envelope with postal stamps of Rs.10/- affixed on it.

**Eligibility:** M. Sc. in one of the following subjects : Physics, Space Sciences, Atmospheric Sciences, Chemistry (Physical/Nuclear/Analytical), Geology, Geophysics, Oceanography, Marine Sciences. Engineering students with M.E./M.Tech. degree (in Electronics and Communication or Computer Engineering or Information Technology or Mechanical Engineering) shall also be considered eligible to pursue the Ph.D. programme in Physical Sciences. A minimum of 55% marks at Master's level and Physics & Mathematics at B.Sc. level (for Engineering students at B.E./B. Tech. level) are compulsory. Candidates must have a first class either at graduation or post-graduation level. Those appearing for Master's Degree examination in 2007 are also eligible to apply.

**Selection Procedure:** Written test, followed by personal interview for those who qualify based on the written test. These will be held at the PRL Main Campus at Ahmedabad. Written test may be waived for the following:

Candidates who have qualified any one of the following : (i) **JEST-2007**, with rank 95 percentile or higher; (ii) **GATE (in Physics/Engineering)** in 2006/2007, with rank 95 percentile or higher; (iii) **UGC-CSIR NET** in 2005/2006 in Subject Code-1: Chemical Sciences, or Subject Code-2: Earth, Atmospheric, Ocean & Planetary Sciences, or Subject Code-5: Physical Sciences. **A photocopy of result of the GATE/NET certificate must accompany the application. JEST-2007 qualified candidates should mention their roll number, rank and percentile.**

**Stipend & Facilities:** Rs. 10,000/- per month, raised to Rs.12,000/- per month after two years and to Rs.13,000 in the fifth year, subject to satisfactory progress; a book grant of Rs.5,000/- per year; and accommodation on a nominal charge.

Details of the research opportunities and facilities available at PRL can be found on our website. Short-listed candidates called for written test/interview will be paid II-class return train fare by the shortest route and per diem as per PRL rules.

Completed applications may be sent to: **Head, Academic Services**, at the following address so as to reach on or before **April 10, 2007**.

**Physical Research Laboratory, Navrangpura,  
Ahmedabad - 380 009, Gujarat. Tel: 079 - 2631 4869;  
Fax: 079 - 2631 4900; Email: [headas@prl.res.in](mailto:headas@prl.res.in)**

## B.M. BIRLA SCIENCE PRIZES

The B.M. Birla Science Centre, Hyderabad, requests Heads of Research and Educational Institutions and Universities for nominations for the B.M. Birla Science Prize in Mathematics and Physics for the year 2006.

The Prize of Rs 1 Lakh in each of the above subjects is for outstanding original contributions in the concerned field by a young Indian scientist resident in India who is not more than 40 years of age on the 31 December 2006, that is should be born on or after 31 December 1966.

All nominations should be sent in triplicate including a full list of publications and up to five of the best papers as also the specific work for nomination, curriculum vitae and the formal nomination itself. There are no nomination forms. These nominations should reach:

**Dr. B. G. Sidharth**  
Director General  
B.M. Birla Science Centre  
Adarsh Nagar  
Hyderabad 500 063

before 15 May 2007.

## BANARAS HINDU UNIVERSITY

Applications are invited for the post of JRF in the salary of Rs 8000 pm in a DAE:BRNS sponsored project entitled 'Molecular Evaluation of Nitrosative Stress in the Brain during Liver Dysfunction' sanctioned for three years. The post is purely temporary and coterminous with the project. The candidate should be M.Sc. Zoology/Life Sciences/Biochemistry/Biotechnology with > 55% marks with NET/GATE qualification. Upper age limit is 28 years with a relaxation of 5 years to SC/ST/female candidates. Candidate with experience of research in the area of the project or related work will be preferred. All things being equal, SC/ST candidates will be preferred as per GOI rules.

Application on plain paper giving biodata along with qualification, research experience, etc. supported by attested documents should reach, within 15 days of this advertisement, to **Dr S. K. Trigun, Biochemistry & Molecular Biology Lab, Department of Zoology, Banaras Hindu University, Varanasi 221 005**. No TA/DA will be paid if called for interview.