



## PHYSICAL RESEARCH LABORATORY

(A UNIT OF DEPT. OF SPACE, GOVT. OF INDIA)  
NAVRANGPURA, AHMEDABAD - 380 009.

### Doctoral (Ph.D.) Programme

(Advt. No. 4/2005)

PRL invites applications from highly motivated students to pursue doctoral research under the following streams : **Stream-I : Physics** : (Areas of Research : Theoretical Physics & Complex Systems; Space & Atmospheric Sciences and; Quantum Optics & Quantum Information); **Stream-II: Astronomy, Astrophysics & Solar Physics** and; **Stream-III: Planetary & Geosciences**. Applications can be made on plain paper giving brief CV of the candidate stating: (i) Name, Date of Birth, Address for Correspondence/Permanent Address (postal, email-id, telephone no., fax no.); (ii) Details of various examinations passed (starting with Higher Secondary) - giving Year of passing, Subjects, Board/University, % marks/CGPA obtained; (iii) Stream chosen and; (iv) Any other relevant qualifications/achievements. **Candidates should clearly mention the choice of the Stream in the application.**

**Eligibility : For Stream-I** : M.Sc. in Physics/ Space Sciences/Atmospheric Sciences; **For Stream-II:** M.Sc. in Physics/ Astronomy/ Astrophysics/Space Sciences. **For Stream-III:** M.Sc. in Physics; Chemistry (Physical/Nuclear/Analytical), Geology/Geophysics/Oceanography/Marine Sciences. For all the three Streams, a minimum of 55% marks at Master's level and Physics & Mathematics at B.Sc. level are compulsory. Candidates who are appearing for their Master's Degree examination in 2005 are also eligible to apply.

**Age limit** : 25 years as on March 1, 2005. **Selection Procedure** : Includes a written test followed by personal interview for screened in candidates. These will be held at the PRL main Campus at Ahmedabad. For **Streams-I and-II**, candidates who have qualified either **UGC-CSIR NET** in Subject Code-5 (Physical Sciences) in the year 2003/2004/2005 or have scored 60 (out of 150) or more marks in **JEST - 2005** will be exempt from appearing for the written test. For **Stream-III**, candidates who have qualified **UGC-CSIR NET** in Subject Code-1 (Chemical Sciences) or Subject Code - 2 (Earth, Atmospheric, Ocean & Planetary Sciences) or Subject Code - 5, will be exempt from appearing for the written test. **A photocopy of result of the NET certificate must accompany the application, if applicable.**

**Stipend & Facilities** : Rs. 8000/- per month, raised to Rs. 9000/- after two years, Subject to satisfactory progress; a book grant of Rs. 5000/- per year for four years and; hostel accommodation on a nominal charge. The registration/tuition/examination fees in connection with registration for Ph.D are reimbursed by the Laboratory.

Details of the research opportunities and facilities at PRL can be found on its website ([www.prl.res.in](http://www.prl.res.in)). 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 the rules.

Applications may be sent to the **Head, Academic Services, PRL**, at the following address so as to reach **on or before April 8, 2005**.

**Physical Research Laboratory, Navrangpura, Ahmedabad – 380 009, Gujarat.**  
Tel : 079-2630 2129; Fax : 079-2630 1502; Email: [psharma@prl.ernet.in](mailto:psharma@prl.ernet.in)

**CONTROLLER**



## THE INDIAN SCIENCE CONGRESS ASSOCIATION

14, Dr Biresw Guha Street, Kolkata 700 017

### ANNOUNCEMENT FOR AWARDS: 2005–2006

**1. Prof. Hira Lal Chakravarty Award:** Applications in prescribed forms are invited from Indian Scientists, below 40 years of age as on 31 December 2004 with Ph.D. degree from any University or Institution in India, having significant contributions in any branch of **Plant Sciences**. The award is given on original independent published work carried out in India within three years prior to the award. The award carries a cash amount of Rs 4,000/- and a Certificate. Awardee will be required to deliver a lecture on the topic of his/her specialization during annual session of the Indian Science Congress in the Section of Plant Sciences. Last date of submitting application is **15 July 2005**.

**2. Pran Vohra Award:** Applications in prescribed forms are invited from Indian Scientists, below 35 years of age as on 31 December 2004 with Ph.D. degree from any University or Institution in India, having significant contributions in any branch of **Agriculture and Forestry Sciences**. The award is given on original independent published work carried out in India within three years prior to the award. The award carries a cash amount of Rs 10,000/- and a Certificate. Awardee will be required to deliver a lecture on the topic of his/her specialization in the Section of Agriculture and Forestry Sciences during the Indian Science Congress. Last date of submitting application is **15 July 2005**.

For proforma of application forms and necessary information, please write to the General Secretary (Hqrs.), The Indian Science Congress Association, 14, Dr Biresw Guha Street, Kolkata 700 017. E-mail: [iscacal\\_2004@yahoo.com](mailto:iscacal_2004@yahoo.com)/[iscacal@vsnl.net](mailto:iscacal@vsnl.net), Fax No. 91-33-22402551.

The form can also be downloaded from [http:// www.sciencecongress.org/html/application.html](http://www.sciencecongress.org/html/application.html)