



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

**Doctoral (Ph.D.) Programme**

(Advt. No. 1/2006)

PRL invites applications from highly motivated students to pursue doctoral research under the following Streams: **Stream-I: Physics:** (Theoretical Physics & Complex Systems, Space & Atmospheric Sciences and Quantum Optics & Quantum Information); **Stream-II: Astronomy & Astrophysics** (Infrared, Sub-mm & Radio Astronomy) and **Solar Physics**; **Stream-III: Planetary & Geosciences.** 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. **Candidates should clearly mention the choice of the Stream in the application (not more than two in the order of preference.)**

**Eligibility: For Stream-I:** M.Sc. in Physics/Space Sciences/Atmospheric Sciences. Engineering students with M.E./M.Tech. degree (in Electronics and Communication, Computer Engineering, Information Technology, & Mechanical Engineering) shall also be considered eligible to pursue Ph.D. programme in this Stream; **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 (for Engineering students at B.E./B.Tech. level) are compulsory. Candidates should have at least a first class either at graduation or post-graduation level. **Age limit:** 26 years as on August 1, 2006, which may be relaxed in exceptional cases. Those appearing for Master's Degree examination in 2006 are also eligible to apply. **Selection Procedure:** Written test will be followed by personal interview for screened in candidates. These will be held at the PRL main campus at Ahmedabad. Written test may be waived for the following category of candidates: For **Streams-I and II:** Candidates who qualified any one of the following three: (i) **GATE (in Physics/Engineering)** in 2005/2006, with rank 95 percentile or higher; (ii) **JEST-2006**, with rank 95 percentile or higher; (iii) **UGC-CSIR NET** in 2004/2005 (in Subject Code-5: Physical Sciences). For **Stream-III**, candidates who qualified **UGC-CSIR NET** in 2004/2005 in Subject Code-1: Chemical Sciences or Subject Code-2: Earth, Atmospheric, Ocean & Planetary Sciences, or Subject Code-5: Physical Sciences, or **GATE (in Physics)** in 2005/2006 with rank 95 percentile or higher, or **JEST-2006**, with rank 95 percentile or higher. **A photocopy of result of the GATE/NET certificate must accompany the application, if applicable. Candidates who qualify JEST-2006 should mention their roll number and percentile.**

**Stipend & Facilities:** Rs. 8,000/- per month, raised to Rs. 9,000/- per month after two years subject to satisfactory progress, a book grant of Rs. 5000/- per year for four years 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, 2006.**

Physical Research Laboratory, Navrangpura, Ahmedabad-380 009, Gujarat

Tel: 079-2631 4869; Fax : 079-2630 1502; Email: [psharma@prl.res.in](mailto:psharma@prl.res.in)

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