



PHYSICAL RESEARCH LABORATORY

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

NAVRANGPURA, AHMEDABAD - 380 009.

Doctoral (Ph.D.) Programme

Applications are invited from highly motivated students to pursue doctoral research in the following areas: Planetary Exploration, Astronomy, Astrophysics, Solar Physics, Planetary & Geosciences, Space and Atmospheric Sciences and Experimental Laser and Atomic Physics & Theoretical Physics. Applications in the prescribed form should be submitted online at our website <http://www.prl.res.in>. Those unable to do so may download the form and send the completed form by email or post. Those with no access to internet may obtain a printed application form by post by sending a self-addressed envelope with postal stamps of Rs. 10/- affixed on it, to the address given below.

Eligibility: M.Sc. in one of the following subjects: Physics, Space Sciences, Atmospheric Sciences, Chemistry (Physical, Nuclear /Analytical), Geology, Geophysics, Ocean Sciences. Engineering students with M.E./M.Tech. (in Electronics and Communication or Computer Engineering or Information Technology or Mechanical Engineering) are also eligible to pursue the Ph.D. programme in Physical Sciences. They must have Physics and Mathematics at the B.Sc. level. **A minimum of 60% marks at the Master's level is required for all candidates.** Those appearing for Master's Degree examination in 2009 may also to apply. Those who applied earlier and were not selected need not apply again. **Age Limit:** Not more than 25 years as on 31/12/2008.

Selection Procedure: Written test, followed by personal interview for those who qualify in the written test. These will be held at the PRL main campus at Ahmedabad. Written test may be waived for

candidates who have qualified with exceptionally good rank in any of the following: (i) **JEST-2009** (ii) **GATE (in Physics) 2008/2009**, (iii) **UGC-CSIR NET** in 2007/2008 in Subject Code-1: Chemical Sciences, or Subject Code-2: Earth, Atmospheric, Ocean & Planetary Sciences, or Subject Code-5: Physical Sciences.

A photocopy of the GATE/NET result must accompany the application, if applicable. If the NET certificate is not available a copy of the admit card and a print-out of the online results with the candidate's roll number circled should be sent. Candidates who have qualified JEST-2009 should mention their roll number, rank and percentile.

Stipend & Facilities: Rs. 12,000/- per month, raised to Rs. 14,000/- per month after two years, subject to satisfactory review; a book grant of Rs. 5,000/- per year; and accommodation at a nominal charge. Students may also be partially supported for attending conferences abroad during their tenure.

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 existing PRL rules.

Requests for application forms from those with no internet access should reach us before **15th February, 2009** and completed applications, may be sent by post to: **Head, Academic Services**, at the following address so as to reach on or before **March 20, 2009**.

On line form submission will start on the day of publication of this advertisement. Last date for on line submission is **15th March 2009**. Candidates may visit our website: www.prl.res.in (Opportunities → Job → Doctoral (Ph.D. Program)) to register their applications on-line.

Physical Research Laboratory, Navrangpura, Ahmedabad - 380 009.

Tel: 079-2631 4865; Fax: (079) 2631 4900

Email: headas@prl.res.in, academic@prl.res.in

National Research Centre for Sorghum

Rajendranagar, Hyderabad 500 030

Advertisement

Senior Research Fellows (4 positions) and Research Associate (one position)

Candidates are invited at the walk-in-interview to be held on **3 March 2009** at 10.00 am at the campus of National Research Centre for Sorghum, Rajendranagar, Hyderabad 500 030 for the recruitment of four senior research fellows and one research associate in following ad hoc projects. Please see the notification on our website www.nrcjowar.res.in for eligibility criteria and other details. No TA/DA will be paid for attending the interview.

1. Establishing the role of volatile cues in oviposition preference of sorghum shoot fly and identifying associated QTLs – **Senior research fellow** – Sponsored by DBT.
2. Value chain model for bio-ethanol production from sweet sorghum in rainfed areas through collective action and partnership – **Senior research fellow** – Sponsored by NAIP project
3. Development of stem borer and shoot fly resistance transgenic sorghum – **Senior research fellow** – Sponsored by ICAR network project
4. Evaluating varieties for distinctiveness, uniformity and stability – **Senior research fellow** – ICAR-DUS project sponsored by PPV & FRA, New Delhi
5. Improving postrainy sorghum varieties to meet the growing grain and fodder demand in India – **Research associate** (Subject to clearance) – Sponsored by ACIAR, Australia.

Director

National Research Centre for Sorghum, Rajendranagar, Hyderabad 500 030, India