



## भौतिक अनुसंधान प्रयोगशाला, अहमदाबाद

(भारत सरकार, अंतरिक्ष विभाग की यूनिट)

नवरंगपुरा, अहमदाबाद-380009

### PHYSICAL RESEARCH LABORATORY, AHMEDABAD

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

NAVRANGPURA, AHMEDABAD - 380 009.

## PRL JUNIOR RESEARCH FELLOWSHIPS (JRFs)-July 2018

Physical Research Laboratory (PRL), known as the “cradle of space sciences” in India, is a premier national research institution under the aegis of the Department of Space, Government of India. Applications are invited from highly motivated students for Junior Research Fellowship (JRF), leading to a Ph.D. degree. The broad areas of ongoing research activities in PRL are Astronomy, Astrophysics, Solar Physics, Space & Atmospheric Sciences, Atomic & Molecular Physics, Optical Physics, Astrochemistry, Theoretical Physics, Geosciences and Planetary Sciences.

The JRF programme will start from **July 2018**.

#### Minimum Qualifications to apply:

- Bachelor's and Master's degrees in Science or Engineering with first class (60%) or equivalent grades at both Bachelor's and Master's levels. We encourage science/engineering students to apply for our JRF programme and emphasize that students should be interested in carrying out doctoral research in the above-mentioned areas only. We expect prospective candidates to have a reasonably good proficiency in basic physics and mathematics.
- Master's degree should be on or after 2016. Those students expecting Master's degree by August 2018 are also eligible to apply, subject to having secured first class (60%) or equivalent grades up to the last semester.
- Applicants should have qualified in any one of the following examinations:
  - CSIR-UGC National Eligibility Test, NET-JRF [December 2016/June 2017/December 2017] in Physical Sciences / Chemical Sciences / Earth, Atmospheric, Ocean and Planetary Sciences.
  - Graduate Aptitude Test in Engineering (GATE) [GATE 2016/GATE 2017/GATE 2018] in Physics / Geology and Geophysics / Atmospheric and Oceanic Sciences / Chemistry.
  - Joint Entrance Screening Test [JEST 2018] in Physics.

**Fellowship:** Rs. 25,000/- per month for first two years and will be raised to Rs. 28,000/- in the third year subject to satisfactory academic review. Renewal of fellowship is based on a review conducted each year. The total duration of fellowship will be five years.

**Nationality:** Applicant must be an Indian citizen and have studied at recognised Universities/Institutes in India.

**Age Limit:** 25 years as on 31.12.2017 (born on or after 31.12.1992).

**Application Procedure:** Eligible candidates may visit PRL website: <https://www.prl.res.in> for more information and to register their applications. Applications will be received online only. **The online application will open on 17th March 2018 and will be closed on 16th April 2018.**

Fulfilling minimum qualification and filling online application do not guarantee a call for an interview. The applications received in response to this advertisement shall be scrutinised by taking into account their CSIR-UGC-NET-JRF/GATE/JEST and Post Graduation scores and shortlist will be prepared. Candidates shortlisted as per PRL norms will be called for the interview.

For more details about the discipline wise eligibility, research areas, selection procedure, etc. please visit PRL web site as mentioned above.