

# **INSTITUTE FOR PLASMA RESEARCH**

**Near Indira Bridge, Bhat Village, Gandhinagar -  
382428, Gujarat, India**

**ADVT. NO. 03/PhD/2018**

## **IPR INVITES APPLICATIONS FOR JUNIOR RESEARCH FELLOWSHIP-2018 FOR PhD**

Institute for Plasma Research (IPR) is a premier scientific research institute under the Department of Atomic Energy, Govt. of India. IPR is located in Bhat Village, Gandhinagar, Gujarat. It has extension laboratories Facilitation Center for Industrial Plasma Technologies (FCIPT) at GIDC, Gandhinagar, Gujarat and Center for Plasma Physics (CPP) at Guwahati, Assam. IPR is devoted to a wide range of research and development activities in the field of fundamental plasma physics, thermonuclear fusion as well as plasma technologies for industrial, medical, agricultural, textile, space & materials science applications. IPR is the nodal agency for India's contributions to the ITER project, an international effort to build the world's first thermonuclear fusion reactor in France. IPR is also making a major contribution to LIGO (Laser Interferometer Gravitational Wave Observatory) India, which is a multi-institutional Indian national project, meant for gravitational wave astronomy.

Applications are invited from highly motivated students to pursue doctoral research in the broad areas of experimental, computational and theoretical plasma physics.

**Educational Qualifications:** M.Sc. in one of the following subjects: Physics, Engineering Physics or Applied Physics with a minimum aggregate of 60%. Students must have Physics and Mathematics at the under graduate level. Candidates expecting a Master degree in any one of the above subjects by August 31<sup>st</sup> 2018 can also apply.

**Eligibility Criteria:** The candidates should have qualified at least one of the national level examinations: (i) JEST – 2018 (in Physics) (ii) GATE in Physics (Paper code PH) valid for 2016/2017/2018 and (iii) CSIR-UGC-JRF-NET in June 2017 or December 2017 in Physical Sciences (Subject code PHY).

**Age Limit:** Not more than 26 years as on 1<sup>st</sup> Aug. 2018 (born on or after 01/08/1992). Age relaxation is admissible to SC/ST/OBC/PWD etc. as per Government of India orders on the subject from time to time.

**Selection Procedure:** The candidates who satisfy the above criteria may apply. The short listed candidates will be invited to appear for a personal interview at IPR. The selection of the candidates shall be based on two rounds of personal interviews. The candidates who qualify in the first round will be asked to appear for a second round of comprehensive interview, which may spill over the next day. The candidates are therefore requested to make their own arrangements for overnight stay in proximity to IPR. Request for a change of date or time of interview shall not be entertained.

The interviews shall be conducted during **22<sup>nd</sup> May – 25<sup>th</sup> May 2018**. Candidates selected for interview will be paid to-and-fro sleeper class railway fare via the shortest route on production of valid tickets. Interested candidates may apply by filling up the form online only (please refer [http://www.ipr.res.in/documents/jobs\\_career.html](http://www.ipr.res.in/documents/jobs_career.html) for details).

**Stipend & Facilities** Selected students will be enrolled under Homi Bhabha National Institute (HBNI), a deemed-to-be university of Department of Atomic Energy (DAE), Govt. of India. A consolidated stipend of Rs. 25,000/- per month shall be paid as JRF during first two years. The stipend will be raised to Rs. 28,000/- per month as SRF, subject to satisfactory academic review. In addition, a book grant of Rs. 32,000/- per year shall be paid. Partial support for attending international conferences may be given to the students during their PhD tenure as per IPR rules. The students are also eligible to get House Rent

Allowance (HRA) as per IPR rules, if the accommodation facility is unavailable at IPR Hostel or not opted by the student. The students will get medical facility as per rules.

**Accommodation of outstation students:** Limited hostel accommodations are available for selected candidates. The order (from maximum to minimum) of preference of providing hostel accommodation will be as per the following sequence: Women candidates, PWD candidates, Outstation candidates staying beyond AUDA or GUDA area limit and local candidates staying inside AUDA or GUDA area limit.

Candidates may give their choice of accommodation in the application form.

#### **HOW TO APPLY**

Applications can be submitted online only from **26<sup>th</sup> March to 15<sup>th</sup> April 2018**.

**Hard copy** along with the **Application ID** obtained while filling online application from our web page at [http://www.ipr.res.in/documents/jobs\\_career.html](http://www.ipr.res.in/documents/jobs_career.html) with one recent passport size photograph duly affixed on the right hand top corner of the application along with copies of testimonials in support of Age, Qualification, caste, etc. should reach the, Institute for Plasma Research at the above address on or before **21/04/2018**. Hard copy should be sent strictly by Registered post/Speed Post. ***The envelope should be strictly superscribed with Advt. No. and Post Applied for.***

Applicants are advised to send the hardcopy by Registered or Speed post services and to preserve the receipt for future reference.

For further details visit our website [www.ipr.res.in](http://www.ipr.res.in)

N.B. -

- Only those candidates who already have qualifying degree after 1<sup>st</sup> August 2016 or are going to receive their final results by 1<sup>st</sup> August 2018 need to apply.
- Applicants working in Central/ State Government Units/ PSUs/ Aided Institutions may apply with due permission from their respective competent authorities. Such candidates if called for screening test are required to submit No Objection Certificate at the time of test.

#### **Disclaimer -**

Fulfilling minimum qualification & filing online applications does not entail a call for written test/interview. The applications received in response to the advertisement shall be scrutinized and only eligible candidates shortlisted from valid applicants, on the basis of all criteria like Age, Educational Qualifications, Percentage, etc. shall be called for written test. The authorities reserve all rights, not to call an applicant for written test/interview, without assigning any reason. In case of any issue in filing online application, kindly contact – [iprphd@ipr.res.in](mailto:iprphd@ipr.res.in)

IPR strives to have a workforce that reflects gender balance and women candidates are especially encouraged to apply.

#### **Important Dates to Remember:**

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**Opening Date for Online Application: 26.03.2018 (Time: 10:00 AM)**

**Closing Date for Online Application: 15.04.2018 (Time: 5:00 PM)**

**Closing Date for receiving hard copy of Application by Post/Courier: 21.04.2018 (Time: 5.00 pm)**