

**INSTITUTE FOR PLASMA RESEARCH**  
**Near Indira Bridge, Bhat Village, Dist. Gandhinagar - 382 428**

**ADVT. NO. – 06/2025**

**Walk in interview for the post of Research Associate**

The Institute for Plasma Research (IPR) is an aided institute of Department of Atomic Energy, Govt. of India devoted to research and development activities in the areas of Basic Plasma Physics, Magnetic Confinement Fusion and Industrial & Societal applications of plasmas.

A walk in interview will be conducted on **July 22, 2025**, for the post of Research Associate (RA) for a project in Plasma Thruster Section in IPR.

Name of the Post	Number of Post	Essential Qualification
Research Associate (RA)	01 No.	Ph.D. in Physics with specialization in Experimental Plasma Physics

**Essential Experience:** Minimum 2 years experience after receiving Ph.D (Provisional / Final)

**Desirable Experience:**

- The candidate should have experience in operation of plasma experimental system.
- Working experience in development of electrical diagnostics for the flow measurements such as Mach probe etc.
- Knowledge of other plasma diagnostics viz. Langmuir probe, B dot Probe, RFEA, OES is desirable.
- Experience of experimental data analyses using self-developed computer routines.
- Experience in preparing technical documents.

**Nature of Work:**

- The tasks to be performed includes operation of the Helicon plasma thruster's device and carry out experiments in it. Specifically, the measurements of supersonic/ hypersonic plasma flow in high density plasma scenario is required to be carried out using MACH probes. The overall task includes, planning and execution of experiments in the helicon plasma thruster, plasma flow measurements and analysis of experimental data.
- Preparation of technical documents

**Tenure of Appointment:** The above mentioned post is temporary. Initially the appointment is for a period up to March 15, 2026.

**Selection Process:** The selection will be solely based on the performance in the walk-in-interview.

**Emoluments:** The RA shall be paid monthly fellowship as per the prevailing DAE's OM No. 10/1(21)/2014/Fellowship/R&D-II/14812 dated November 9, 2023 or as recommended by DAE from time to time. Other terms & conditions will also be as per the said DAE's OM. IPR CHSS medical facility coverage will be for self only and for this facility necessary deduction will be made every month from the salary as per IPR CHSS rules.

<b>RA-I: Rs. 58,000/- p.m. plus HRA</b>
<b>RA-II: Rs. 61,000/- p.m. plus HRA</b>
<b>RA-III: Rs. 67,000/- p.m. plus HRA</b>

**Note:**

The emoluments of the Research Associates will be fixed at one of the 3 fellowships as indicated above depending on qualifications and experience. The level at which RA will be placed will be decided by the interview committee based on the following:

- i) Quality of Ph.D. Thesis
- ii) Post-Ph.D. Research experience as evidenced from the quality of the publications and/or products/ processes designed and developed and
- iii) Performance in the selection interview

**General Instructions:**

- a) Interested candidates are requested to report at **Institute for Plasma Research, Near Indira Bridge, Bhat, Gandhinagar-382 428, Gujarat** with Govt. approved Photo Identity Card for the Interview at **9:00 AM on July 22, 2025**.
- b) The candidate will be required to bring a CV in the enclosed prescribed format with a recent passport size colour photograph affixed on it. Copies of self-attested documents like mark sheet, degree certificate, proof of date of birth (D.O.B) and other relevant documents, should be enclosed.  
The following certificate/documents ONLY are acceptable as proof of D.O.B. (Any one):
  - i. Date of Birth as recorded in the Birth Certificate.
  - ii. Secondary School Leaving Certificate (SSLC).
  - iii. Matriculation / Secondary School Certificate in which date of birth is mentioned.
- c) Candidates will also be required to bring all their original documents for verification / scrutiny purpose.
- d) Candidates arriving after 10:00 AM will not be considered for the interview and their applications will not be accepted.
- e) **No TA/DA** will be paid to the candidates to appear for the interview

IPR has the right to cancel this advertisement without assigning any reason and the decision taken by Director-IPR shall be final and binding.

**Acting Chief Administrative Officer**

**Note:**

If the response is from more than 10 candidates, the top 10 candidates for the Interview will be shortlisted based on the percentage marks obtained in MSc or equivalent level.