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प्लाज़्मा अनुसंधान संस्थान

Institute for Plasma Research

भाट, इन्दिरा पुल के निकट, गांधीनगर – ३८२ ४२८ (भारत)

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**ADVT. No. 07/2018**

The Institute for Plasma Research (IPR) is an aided institute of Department of Atomic Energy, Govt. of India and undertakes externally funded research projects where delivery oriented projects are executed with external funding. IPR seeks applications from Indian Nationals for the following temporary positions:

**1. Junior Research Fellow (JRF) – Mechanical (01 Nos.)**

- **Job description:** The candidate will be required to undertake computational simulation and modelling related work for objectives of the project as specified by the funding agency sanction order.

Sr. No.	Name of the Post	Number of Post	Consolidated Pay (₹)
1	Junior Research Fellow (Mechanical)	1	25,000/- p.m.
2	RA II (Mechanical / Physics / Computer Science / Electrical)	4	38,000/- p.m.
3	Projects Engineer / Scientist	2	38,000/- p.m.
4	Office Assistant (Project)	1	23,000/- p.m.

- **Educational Qualifications:** B. E. / B.Tech in Mechanical Engineering with minimum 60% marks in qualifying degree from a recognized university/institute. The candidate should have studied a course in Programming languages (Fortran/C/C++) OR should have some experience in developing/modifying computer codes in these languages.
- **Desired qualifications:** Candidates who have done course work on computational methods like finite element, finite difference; on modelling & simulation using CAD, CATIA etc. will be preferred.
- **Experience:** Freshers may also apply. However, candidates with experience in developing/modifying computer codes in Fortran/C/C++ or with experience on areas specified in desired qualifications above will be preferred.

**Age limit:** 28 years. Age relaxation is admissible to SC / ST / OBC / PHP / Ex-servicemen candidates, as per Government of India orders on the subject.

- **Fellowship/stipend per month:** ₹25000/- (Consolidated) + HRA as applicable.
- **Tenure of contract:** The tenure of JRF is purely on temporary basis for a period of two years or co-terminus with the project whichever is earlier.

**2. Research Associate-II (RA) – Mechanical/Physics/Computer Science/Electrical (04 Nos.)**

- **Job description:** The candidate will be required to undertake computational simulation and modelling related work for objectives of the project as specified by the funding agency sanction order.
- **Educational Qualifications:** Candidate should have Ph.D. degree in Mechanical/physics or other physics disciplines/Computer Science/Electrical Engineering from a recognized university or institute OR M.E. / M.Tech in Mechanical/Computer Science/Electrical engineering with 3 years of research,

teaching and design and development experience after M.E. / M.Tech with at least one research paper in Science Citation Indexed (SCI) journal. Candidates with Ph.D. in physics or other physics disciplines should have gained their master's degree in Physics.

- **Experience:** Freshers may also apply. Candidates with research experience in the field of modelling and simulation using CAD, CATIA, Fortran etc. will be preferred. Experience with the development and editing/maintenance of common platform (e.g. Windows, Linux). Software/codes written in one or more programming languages (FORTRAN, C/C++, Python etc.) is required. Modelling including simulation or analytical modelling. Experience in developing and implementing software in high performance computing (HPC) environments is desired.
- **Age limit:** 35 years. Age relaxation is admissible to SC / ST / OBC / PHP / Ex-servicemen candidates, as per Government of India orders on the subject.
- **Fellowship/stipend per month:** ₹38,000/- (Consolidated). No other allowances will be applicable.
- **Tenure of contract:** The tenure of RA is purely on temporary basis for a period of two years or co-terminus with the project whichever is earlier.

### 3. Project Scientist / Engineer (02 Nos.)

- **Job description:** The candidate will be required to participate in the development of computer programs and databases for scientific/technological applications. This will be delivery oriented time bound code development work.
- **Educational Qualifications:** Candidate should be M.Sc. in Physics (full time) with Minimum of 60% aggregate marks in the qualifying degree OR B.E. / B.Tech in Mechanical/Electrical Engineering with a minimum of 60% aggregate marks. Higher qualifications will not be eligible. The candidate should have studied a course in Programming languages (Fortran/C/C++) or course on numerical methods and techniques. Preference will be given to candidates with valid GATE/NET score.
- **Experience:** Freshers may also apply. The candidate should have studied a course in Programming languages (Fortran/C) OR should have some experience in developing/modifying computer codes in these languages.
- **Desired qualifications:** Preference will be given to candidates who have done a course in Numerical methods/Techniques. Candidates who have done a B.E. / B.Tech / M.Sc project involving program development in FORTRAN or C will also be preferred.
- **Age limit:** 28 years. Age relaxation is admissible to SC / ST / OBC / PHP / Ex-servicemen candidates, as per Government of India orders on the subject.
- **Fellowship/stipend per month:** ₹38,000/- (Consolidated). No other allowances will be applicable.
- **Tenure of contract:** The tenure of Project Scientist/Engineer is purely on temporary basis for a period of two years or co-terminus with the project whichever is earlier.

### 4. Office Assistant - Project (01 Nos.)

- **Job description:** Duties will include office and secretarial work related to the activities of projects and technology transfer section.
- **Educational Qualifications:** Graduate with 5 years or post graduate with 3 years relevant experience. Should have hands on experience in MS Office and related office software.
- **Experience:** Minimum 03 years' experience after post-graduation degree or 5 years' experience after graduation degree.
- **Age limit:** 30 years. Age relaxation is admissible to SC / ST / OBC / PHP / Ex-servicemen candidates, as per Government of India orders on the subject.
- **Remuneration per month:** ₹23000/- (Consolidated). No other allowances will be applicable.

- **Tenure of contract:** The tenure of Office Assistant (Project) is purely on temporary basis for a period of two years or co-terminus with the project whichever is earlier.

**Note:**

1. The JRF positions mentioned above are project positions and does not assure of any Ph.D. degree.
2. All the above positions mentioned are purely on contractual basis and co-terminus with project as applicable. The stipend / fellowship will be driven by the rules and regulations of the funding agency or as per IPR rules, as the case may be.
3. (a) The applications received in response to the advertisement for the post at Sr. No. 1 to 3, shall be scrutinized and only eligible candidates shortlisted on the basis of all criteria like Age, Educational Qualifications, Percentage marks, GATE/NET result etc. shall be called for interview.  
(b) The applications received in response to the advertisement for the post at Sr. No. 4 (Office Assistant) shall be scrutinized and only eligible candidates shortlisted on the basis of all criteria like Age, Educational Qualifications, Percentage marks, etc. shall be called for written test.  
The authorities reserve all rights, not to call an applicant for interview/written test, without assigning any reason.
4. The number of vacancies indicated above are provisional and may be increased or decreased depending on the actual requirement of the organisation. All the above posts are purely on temporary basis. It would, therefore, not confer any right / claim implicit or explicit for any candidates for claiming extension or absorption in IPR.
5. Experience should have been obtained after possessing the essential educational qualifications. The eligibility criteria with regard to age, qualification, experience etc. shall be determined as on **20/07/2018**.

**How to Apply:**

1. Interested candidates are requested to visit [http://www.ipr.res.in/documents/jobs\\_career.html](http://www.ipr.res.in/documents/jobs_career.html) and apply online by **20/07/2018** till 5.00 pm.
2. The envelope containing hardcopy of the application obtained while filling online application from our web page along with self-attested copies of certificates & marksheets indicating the above mentioned educational degrees and work/research experience **must be sent** at the below mentioned address strictly superscribed with **Advt. No. 07/2018** and the Post Applied for on or before **31/07/2018**.

**Chief Administrative Officer  
Institute for Plasma Research  
Bhat, Gandhinagar- 382428.**

3. Institute shall not be responsible for any delay or non-receipt of hardcopy within stipulated period.
4. Candidates employed in Govt. / Quasi Govt. / Public Sector Undertakings should forward their applications through proper channel or bring NOC if called for interview. The Institute reserves the right to reject any application without assigning any reason. Incomplete applications are liable to be summarily rejected. No interim correspondence will be entertained.

In case of any issue in filing online application, kindly contact – [recruitment@ipr.res.in](mailto:recruitment@ipr.res.in).

Institute strives to have a workforce which reflects gender balance and women candidates are encouraged to apply.

**Chief Administrative Officer**