The Institute for Plasma Research is the country’s premier research institute pursuing research and development in plasma physics and its applications. The institute has been established by the Department of Science and Technology, Government of India to lead the country’s Plasma Physics and Magnetic Confinement Fusion Research Programme.

Tokamak ‘Aditya’ is in operation and a steady state superconducting tokamak (SST) is under design. Other areas of thrust are basic plasma physics, fusion technologies, plasma-assisted material processing, computer simulation, etc. Improved understanding of plasma–surface interaction is important from the point of view of design and engineering of magnetic confinement fusion devices and plasma-assisted material processing. In the former the degradation of integrity of plasma facing components and the control of evolution of impurities are the issues of critical importance, while in the latter, technologies like surface engineering are based on our understanding of plasma–surface interaction.

IPR is planning to strengthen its activities in this field. A full-fledged surface and materials characterization laboratory with advanced instrumentation like ESCA, XPS, AES, SIMS, SEM, XRD, etc. is being established.

We are looking for scientists at the faculty level like Associate Professor – I & II, Fellow, Scientist – SD and Post-Doctoral Fellow to initiate and lead the programme at IPR. While the thrust will be on goal-oriented research and development mentioned above, individual scientists will have considerable freedom to pursue their own special interests.

**FACULTY AND POST DOCTORAL POSITIONS**

**Qualification and Experience:** Ph D with adequate research experience in material and surface analysis and characterization using the above-mentioned techniques.

**Job description:** Research and development in surface and material science, surface and material analysis and characterization using advanced analytical techniques.

**GENERAL INFORMATION**

**Scale of pay:**

1. Associate Professor – II: Rs 4500–150–5700 (gross Rs 10,910)
2. Associate Professor – I: Rs 3700–125–4700–150–5000 (gross Rs 9830)
3. Fellow/Scientists – SD: Rs 3000–100–3500–125–4500 (gross Rs 8180)
4. Post-Doctoral Fellow (PDF): Consolidated stipend Rs 4000 per month + Rs 1000 House Rent Subsidy.
Higher starting salary in the scale may be considered in exceptional cases.

All posts are regular except that of PDF which is for one year tenure which may be extended for another term.

Age limit: 35 Years in respect of Fellow/Scientist-SD and PDF. Relaxable by 5 years in case of SC/ST candidates.

The above norms may be relaxed in exceptional cases at the discretion of competent authority. Institute offers excellent career opportunities to creative, innovative and result-oriented staff. In addition to pay and allowances, perquisites like Contributory Provident Fund, Gratuity, Medical Facility under its Contributory Health Service Scheme, LTC, Group Linked Insurance Scheme, Subsidised Transport/Conveyance Reimbursement and Subsidized Canteen Facilities are admissible as per Institute rules.

Out-station candidates called for interview will be paid first class to and fro rail/ordinary class bus fare by shortest route in respect of Associate Professor – II & I, Fellow/Scientist-SD and second class fare for PDF on production of proof of journey such as Railway/Bus ticket or ticket No.

How to apply: Typed application on plain paper strictly in the following format with one recent passport size photograph duly affixed on it along with copies of mark sheets, experience certificates, testimonials, etc. should reach the Chief Administrative Officer, Institute for Plasma Research at the above address within 20 (twenty) days from the date of publication of this advertisement. The envelope should be strictly superscribed with Advt No. and Post Applied for.

Application format

1. Advertisement No.; 2. Post applied for; 3. Name (in block letters); 4. Date of birth; 5. Place of Birth; 6. Age; 7. Marital status; 8. Present address; 9. Permanent address; 10. Whether belongs to SC/ST if so, attach documentary evidence; 11. Qualifications (SSC onwards, indicating a. exam. passed, b. board/university, c. subjects, d. year of passing, e. division, f. percentage of marks obtained); 12. Experience (indicating a. name of the organization, b. nature of work in detail, c. period, d. scale of pay and total salary drawn); 13. References; 14. Any other relevant information; 15. Signature with date.

Candidates employed in Govt/quasi Govt/Public Sector undertakings should forward their applications through proper channel. The Institute reserves the right to reject any application without assigning any reason. Applications not in the above format are liable to be rejected. No interim correspondence will be entertained.