

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

ADVT. NO. 13/2023

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 **December 15, 2023**, for the post of Research Associate (RA) for externally funded project. The RA shall be paid monthly emoluments of Rs. 58000 /- + HRA (As per applicable Central Government rules). No other allowances shall be admissible. 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.

Name of the Post	Number of Post	Essential Qualification
Research Associate	01 No.	Doctoral Degree in Mechanical Engineering.

Desirable experience: Candidates with proficiency of modelling and simulation using ANSYS, experience in CFD model of heat transfer system with micro-channels, Thermo-structural analysis, Knowledge in preparation and evaluation of 2D engineering drawings and 3D CAD models, experience in stage wise mechanical fabrication inspection and preparation of technical documents would be preferred. Considering the nature of the work and time-bound project, candidates with relevant experience are preferred. Publications in refereed journal are desired.

Nature of Work: The work involves: (i) Preparation and evaluation of 2D engineering drawings and 3d CAD model of mechanical system (ii) CFD Simulations using ANSYS related to developing a CFD model of heat transfer system with micro-channels. (iii) Thermo-structural analysis using ANSYS (iii) Stage-wise inspection of mechanical fabrication job and Quality Control (QC) (iv) Preparation of technical documents

Tenure of Appointment: Above position is for 01 (One) year and is extendable for maximum 01 (One) more year or co-terminus with the project whichever is earlier.

Age Limit: Upper Age Limit is 40 years as on date of walk-in Interview (Age relaxation is admissible as per Govt. of India Orders).

General Instructions:

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 December 15, 2023**. The candidate will be required to bring a CV in the enclosed prescribed format with a recent photograph affixed on it and to enclose copies of self-attested documents like copies of mark sheet, degree certificate, proof of date of birth like

School leaving Certificate/ birth certificate/ SSC certificate with D.O.B mentioned/printed on it and other relevant testimonials. They will also be required to bring all their original documents for scrutiny purpose. Candidates arriving after **10:00 AM** will not be considered for the interview and their applications will not be accepted. IPR has the right to cancel this advertisement without assigning any reason and the decision taken by Director-IPR shall be final and binding.

No TA/DA will be paid to the candidates for appearing the interview

Chief Administrative Officer

Note:

If the response is more than 10 candidates, the candidates for the Interview will be decided on the merit based on percentage marks obtained in B.E./B.Tech. or equivalent level.